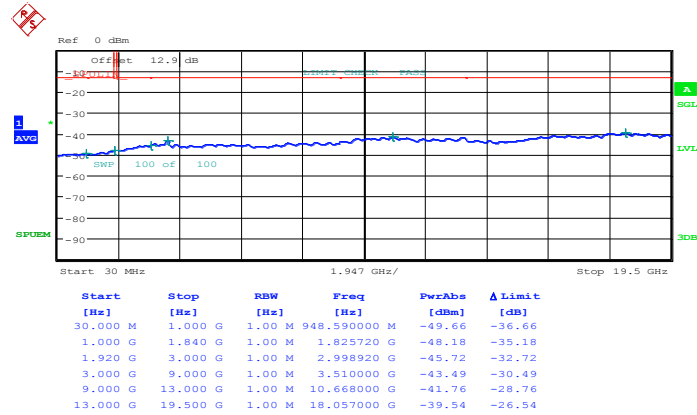




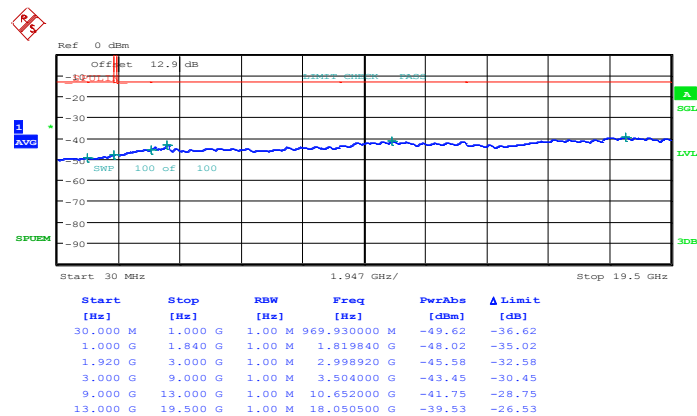
Band :	LTE Band 2	Channel :	CH19193 (High)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 18.JUN.2014 23:28:29

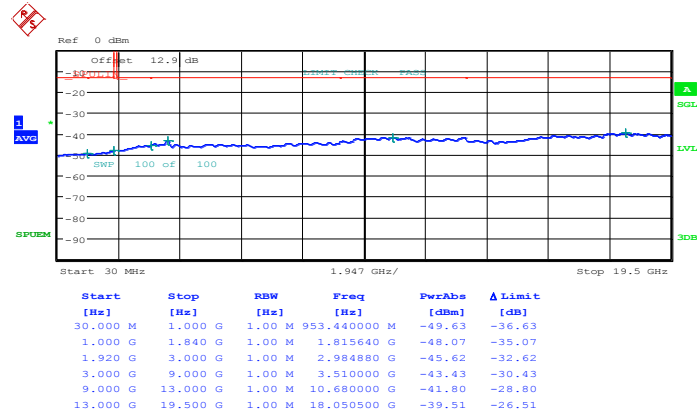
16QAM (RB Size 1, RB Offset 0)



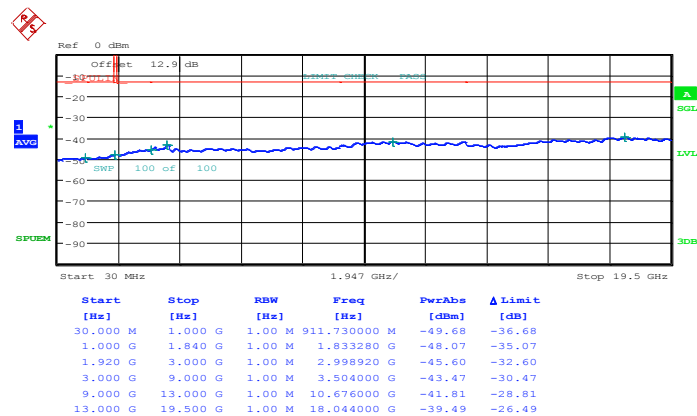
Date: 18.JUN.2014 23:29:31



Band :	LTE Band 2	Channel :	CH18615 (Low)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)

Date: 18.JUN.2014 23:36:12

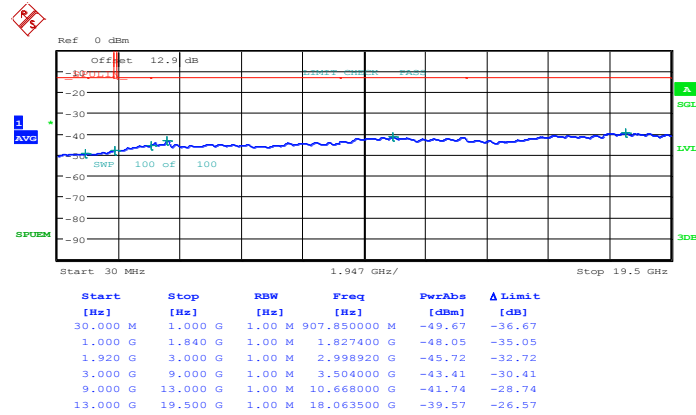
16QAM (RB Size 1, RB Offset 0)

Date: 18.JUN.2014 23:37:15



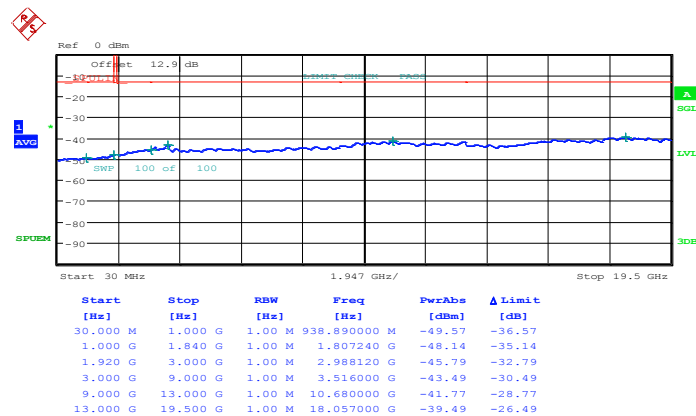
Band :	LTE Band 2	Channel :	CH18900 (Middle)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 18.JUN.2014 23:41:28

16QAM (RB Size 1, RB Offset 0)

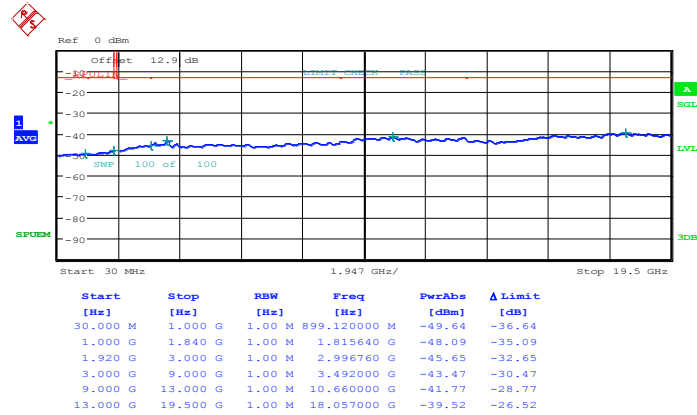


Date: 18.JUN.2014 23:42:30



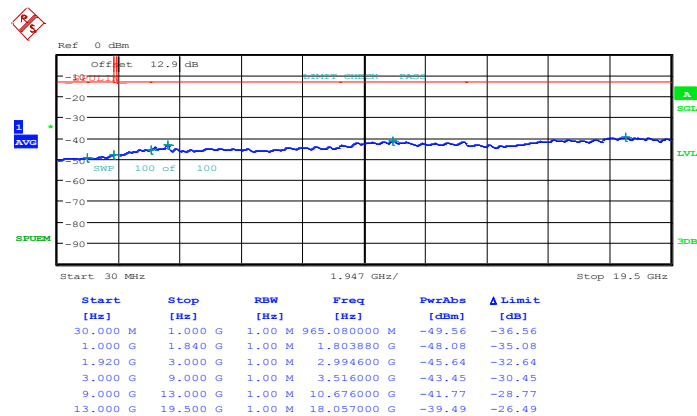
Band :	LTE Band 2	Channel :	CH19185 (High)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 18.JUN.2014 23:48:06

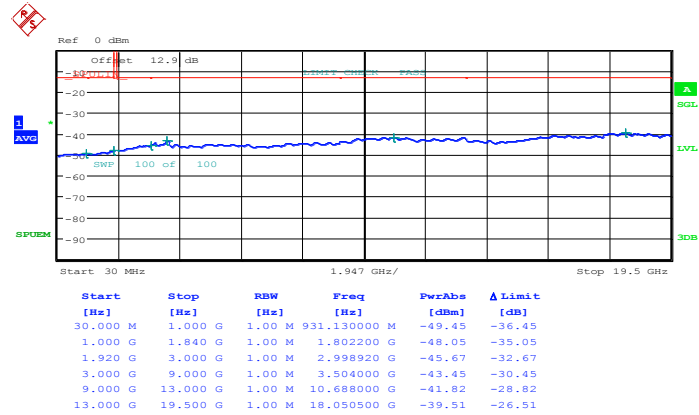
16QAM (RB Size 1, RB Offset 0)



Date: 18.JUN.2014 23:49:08

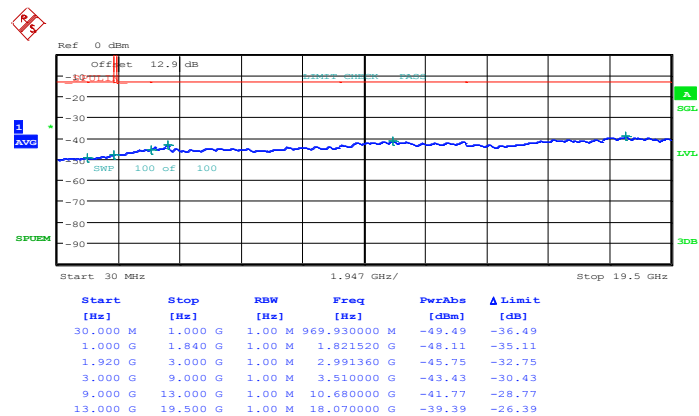
Band :	LTE Band 2	Channel :	CH18625 (Low)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 18.JUN.2014 23:54:48

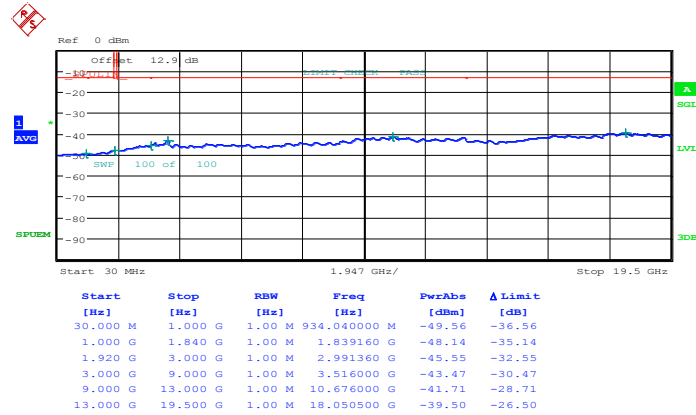
16QAM (RB Size 1, RB Offset 0)



Date: 18.JUN.2014 23:55:51

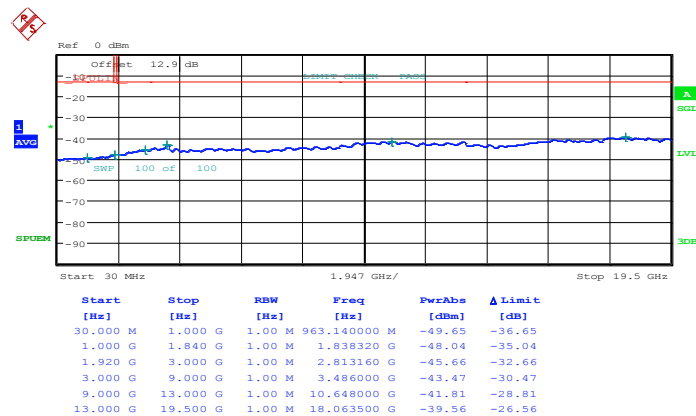
Band :	LTE Band 2	Channel :	CH18900 (Middle)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 18.JUN.2014 23:58:25

16QAM (RB Size 1, RB Offset 0)

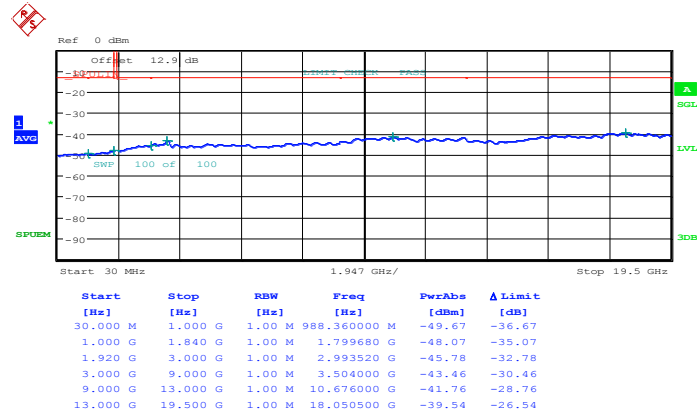


Date: 18.JUN.2014 23:59:27



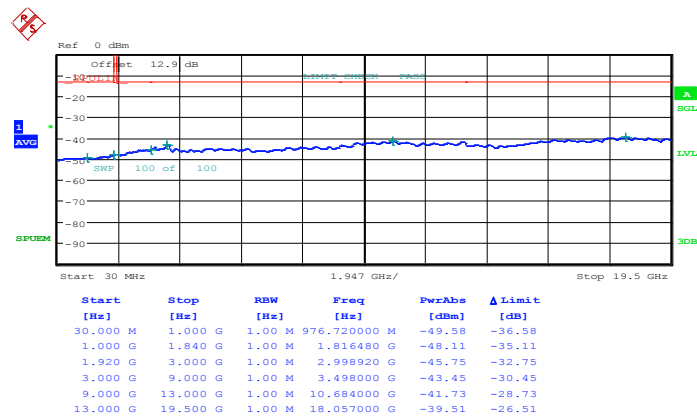
Band :	LTE Band 2	Channel :	CH19175 (High)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 00:05:03

16QAM (RB Size 1, RB Offset 0)

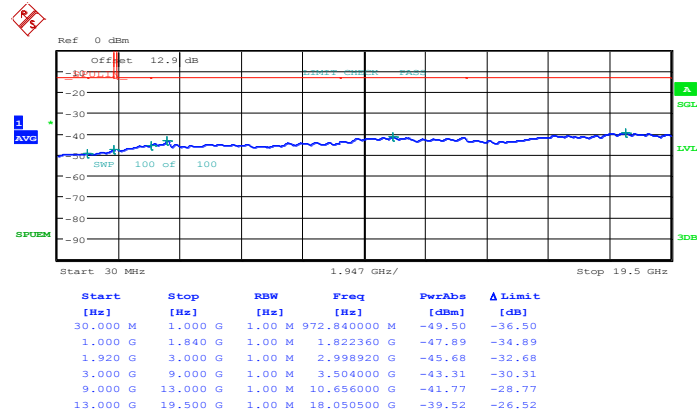


Date: 19.JUN.2014 00:06:05



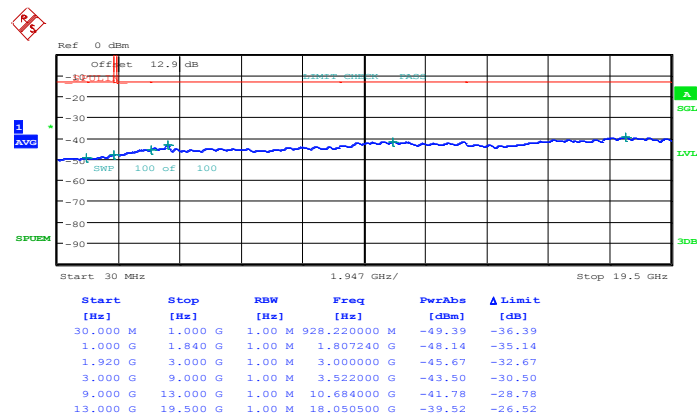
Band :	LTE Band 2	Channel :	CH18650 (Low)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 00:14:24

16QAM (RB Size 1, RB Offset 0)

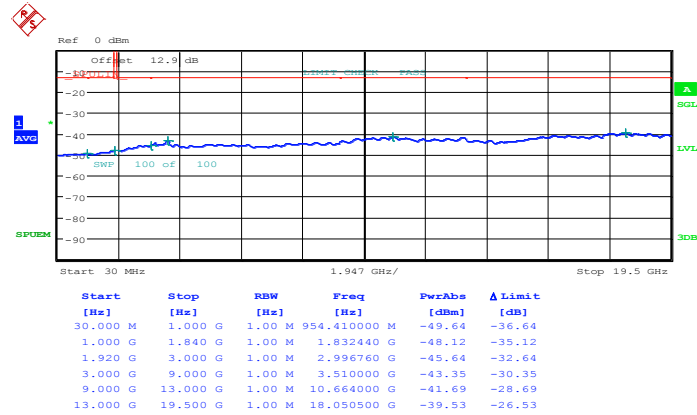


Date: 19.JUN.2014 00:15:26



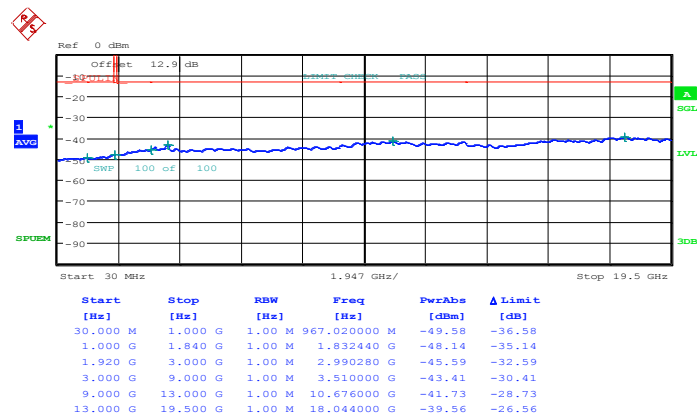
Band :	LTE Band 2	Channel :	CH18900 (Middle)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 00:17:44

16QAM (RB Size 1, RB Offset 0)

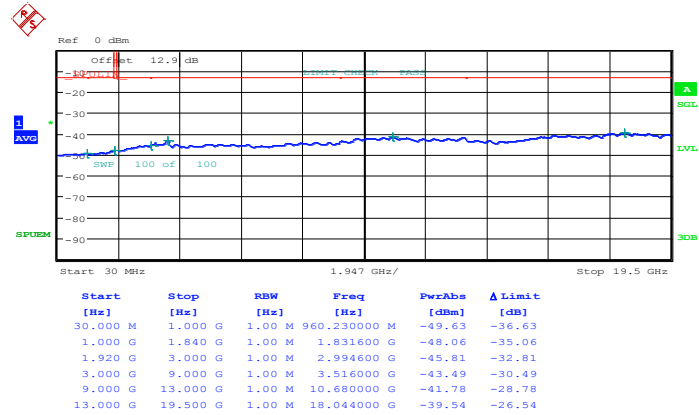


Date: 19.JUN.2014 00:18:46



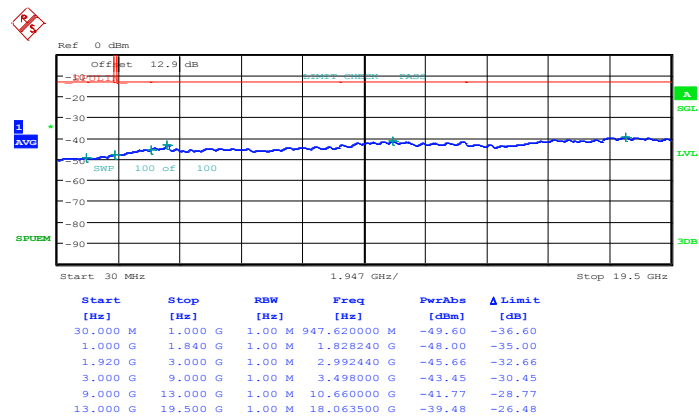
Band :	LTE Band 2	Channel :	CH19150 (High)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 00:24:22

16QAM (RB Size 1, RB Offset 0)

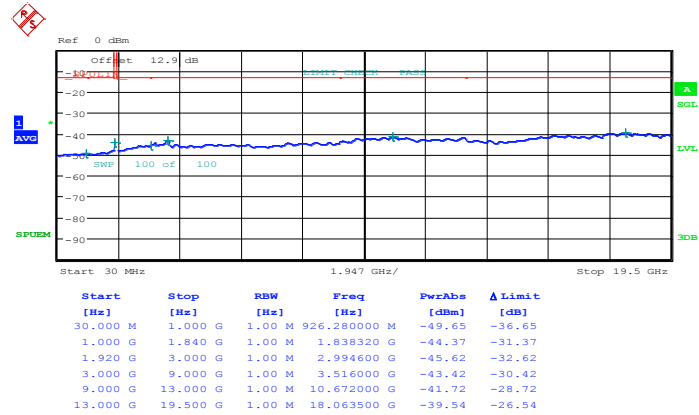


Date: 19.JUN.2014 00:25:24



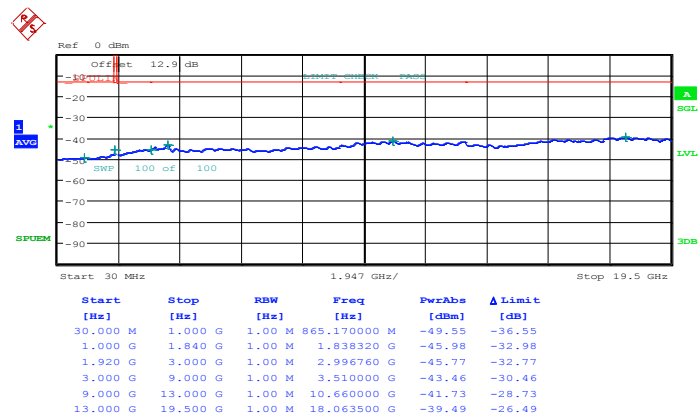
Band :	LTE Band 2	Channel :	CH18675 (Low)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 00:38:12

16QAM (RB Size 1, RB Offset 0)

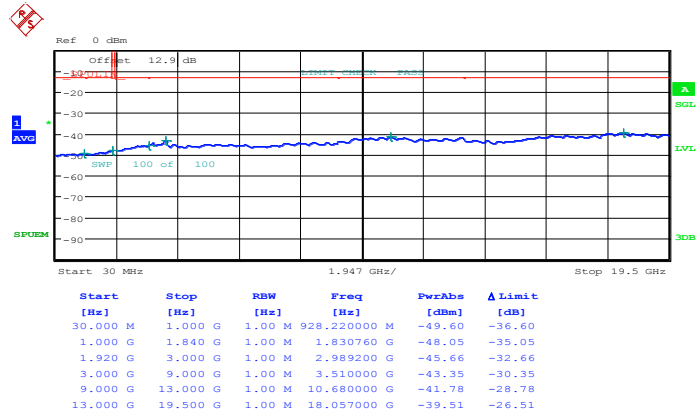


Date: 19.JUN.2014 00:39:15



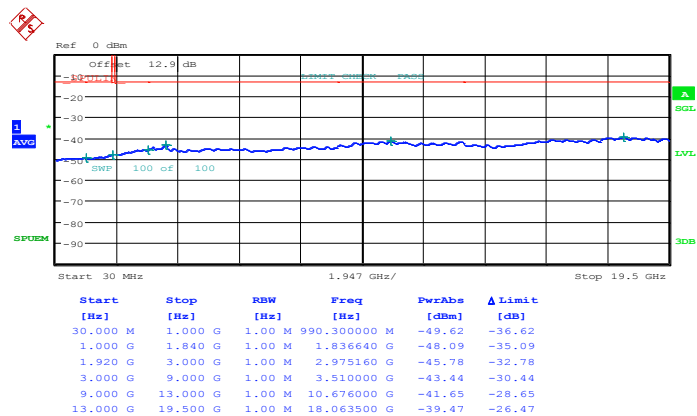
Band :	LTE Band 2	Channel :	CH18900 (Middle)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 00:41:39

16QAM (RB Size 1, RB Offset 0)

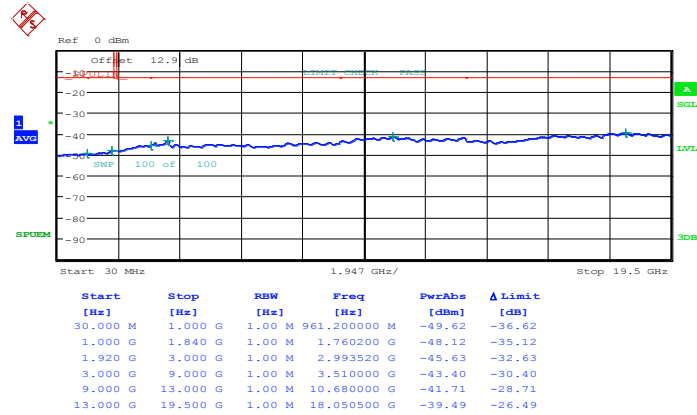


Date: 19.JUN.2014 00:42:41



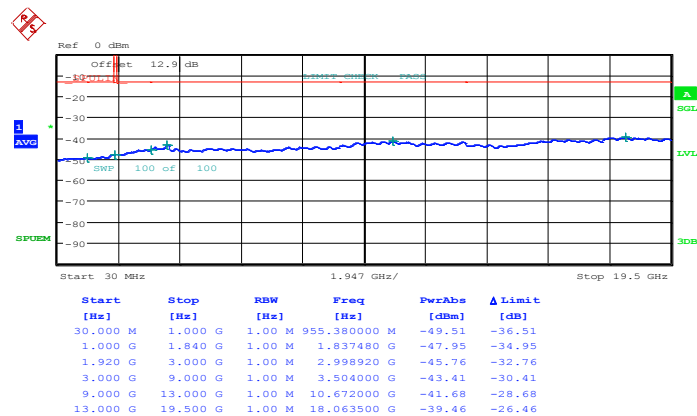
Band :	LTE Band 2	Channel :	CH19125 (High)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 00:48:18

16QAM (RB Size 1, RB Offset 0)

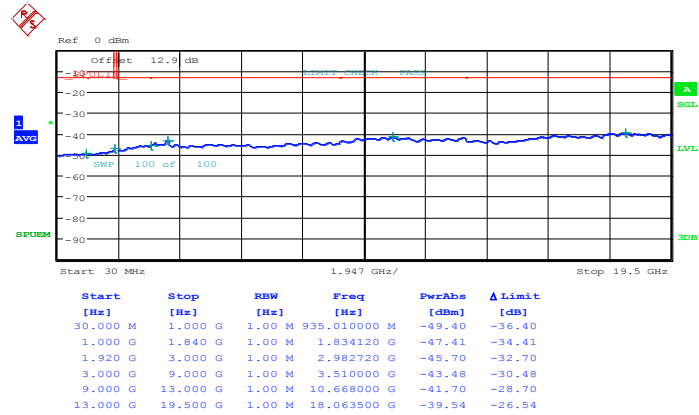


Date: 19.JUN.2014 00:49:20



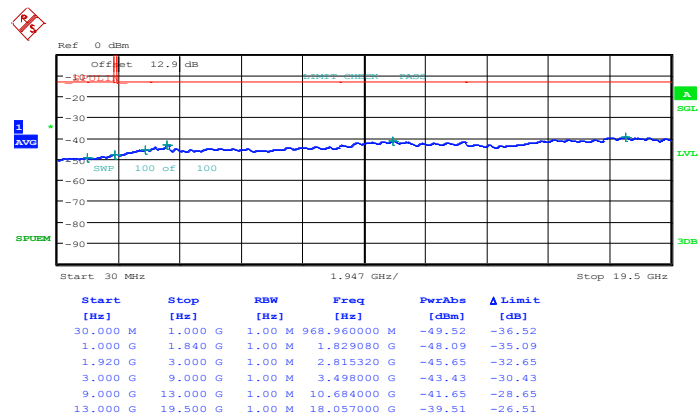
Band :	LTE Band 2	Channel :	CH18700 (Low)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 00:55:01

16QAM (RB Size 1, RB Offset 0)

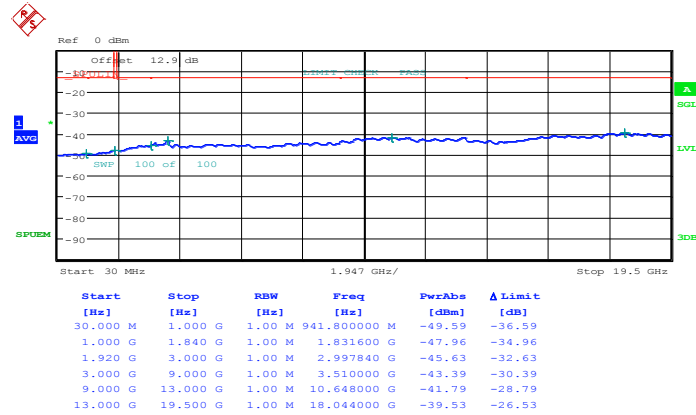


Date: 19.JUN.2014 00:56:03



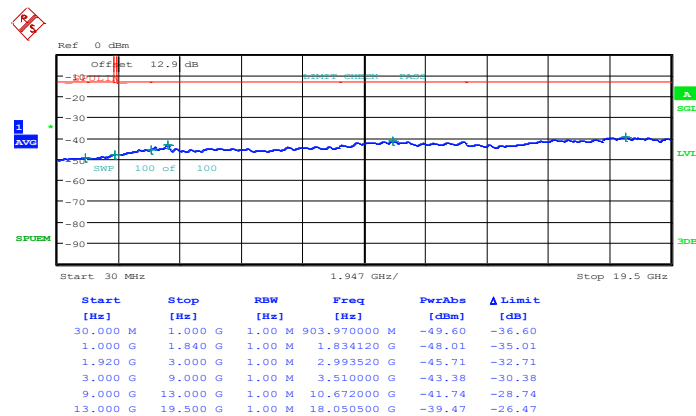
Band :	LTE Band 2	Channel :	CH18900 (Middle)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 01:00:05

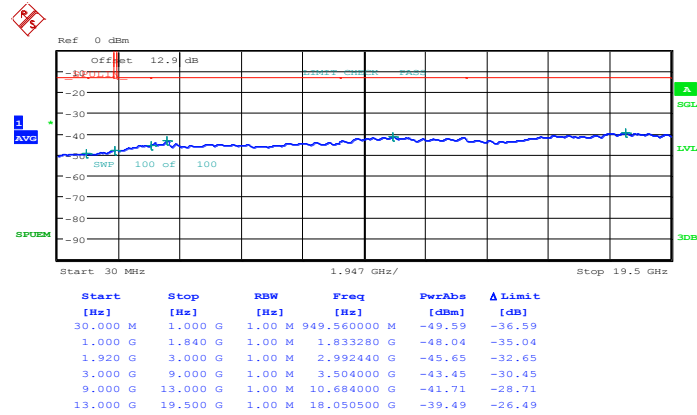
16QAM (RB Size 1, RB Offset 0)



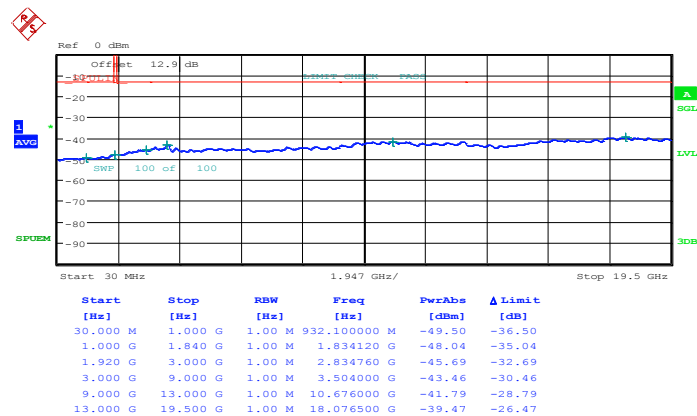
Date: 19.JUN.2014 01:01:08



Band :	LTE Band 2	Channel :	CH19100 (High)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)

Date: 19.JUN.2014 01:06:45

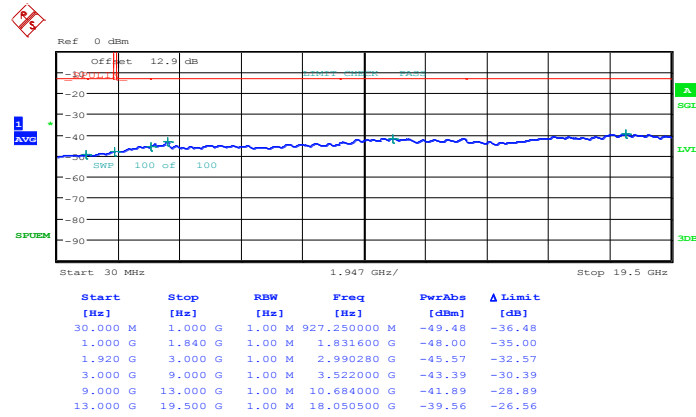
16QAM (RB Size 1, RB Offset 0)

Date: 19.JUN.2014 01:07:47



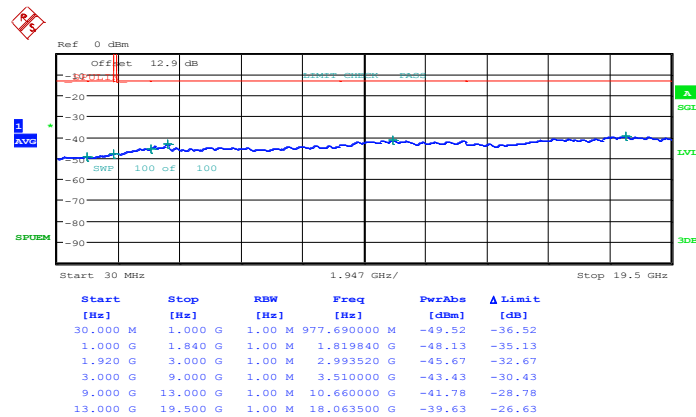
Band :	LTE Band 25	Channel :	CH26047 (Low)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 14.JUL.2014 22:03:21

16QAM (RB Size 1, RB Offset 0)

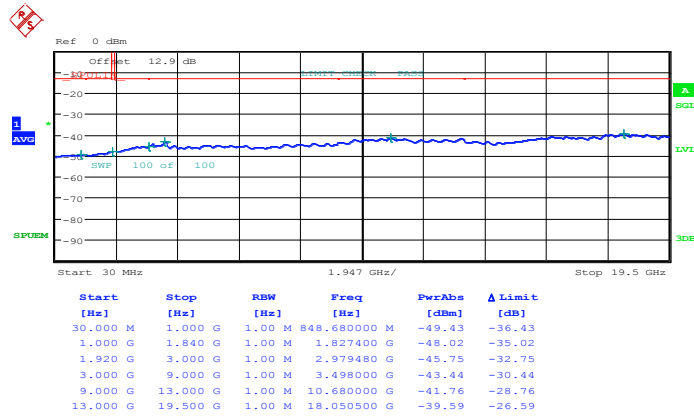


Date: 14.JUL.2014 22:04:20



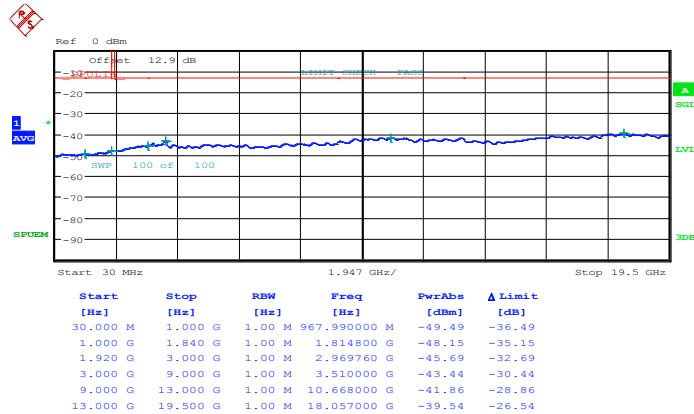
Band :	LTE Band 25	Channel :	CH26340 (Middle)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 14.JUL.2014 22:06:18

16QAM (RB Size 1, RB Offset 0)

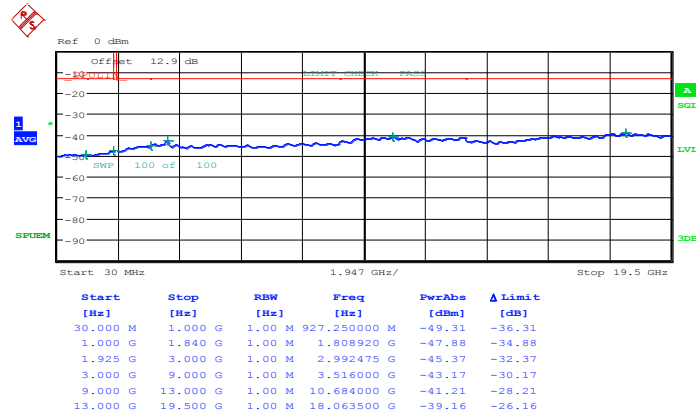


Date: 14.JUL.2014 22:07:17



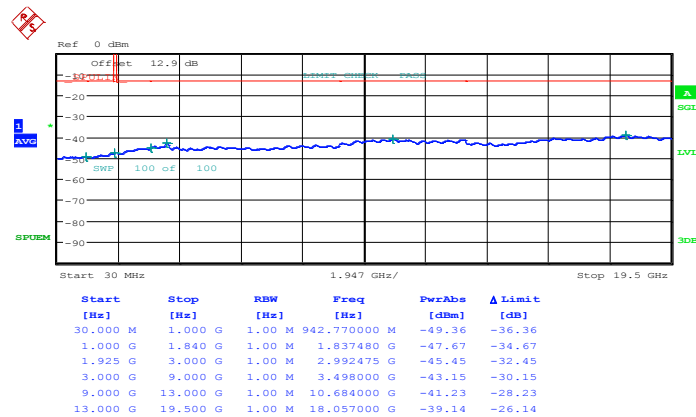
Band :	LTE Band 25	Channel :	CH26683 (High)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19 JUN 2014 22:35:35

16QAM (RB Size 1, RB Offset 0)

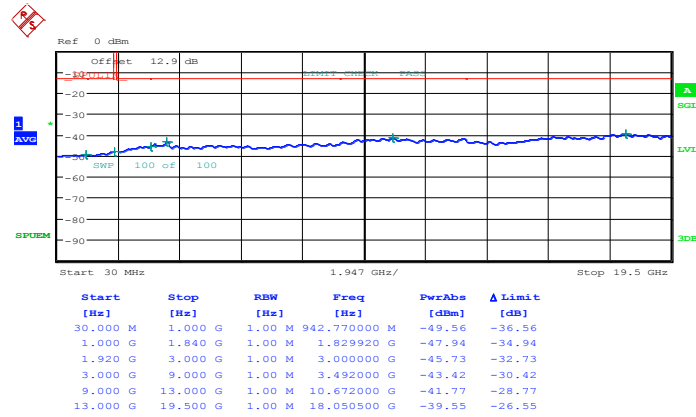


Date: 19 JUN 2014 22:36:38



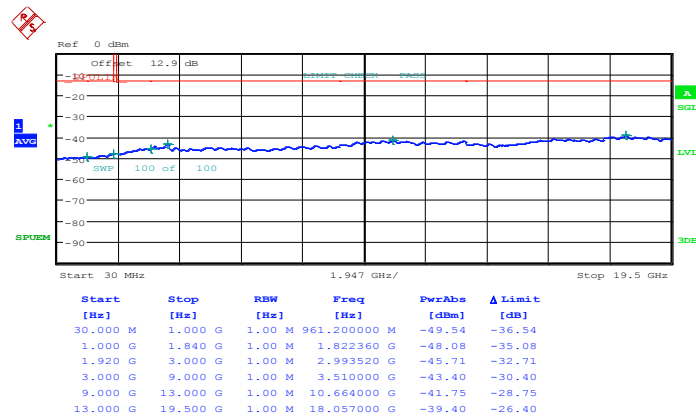
Band :	LTE Band 25	Channel :	CH26055 (Low)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 14.JUL.2014 22:15:09

16QAM (RB Size 1, RB Offset 0)

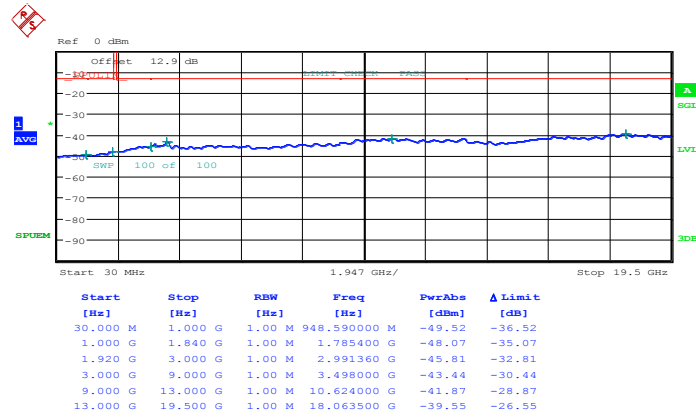


Date: 14.JUL.2014 22:16:07



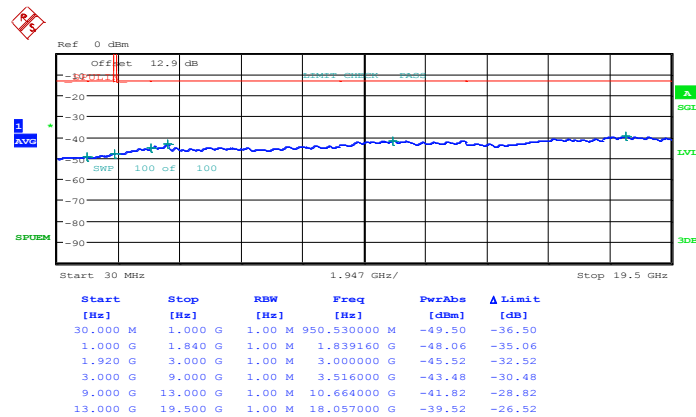
Band :	LTE Band 25	Channel :	CH26340 (Middle)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 14.JUL.2014 22:18:06

16QAM (RB Size 1, RB Offset 0)

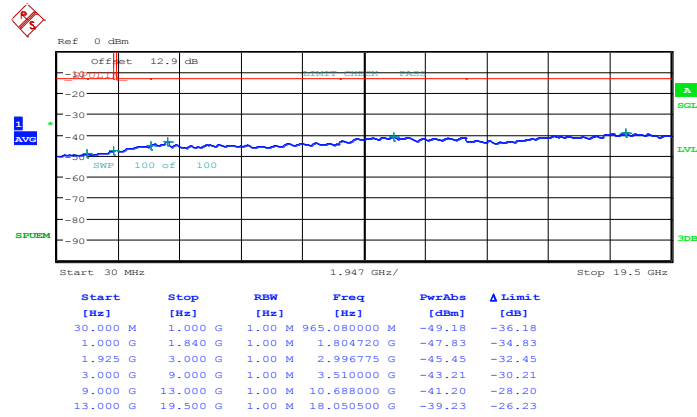


Date: 14.JUL.2014 22:19:05



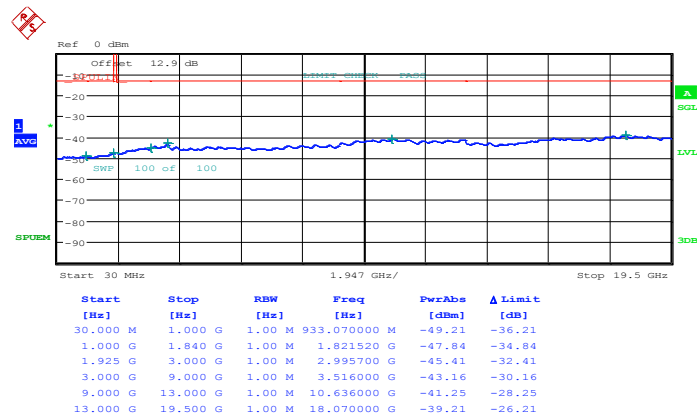
Band :	LTE Band 25	Channel :	CH26675 (High)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 22:44:15

16QAM (RB Size 1, RB Offset 0)

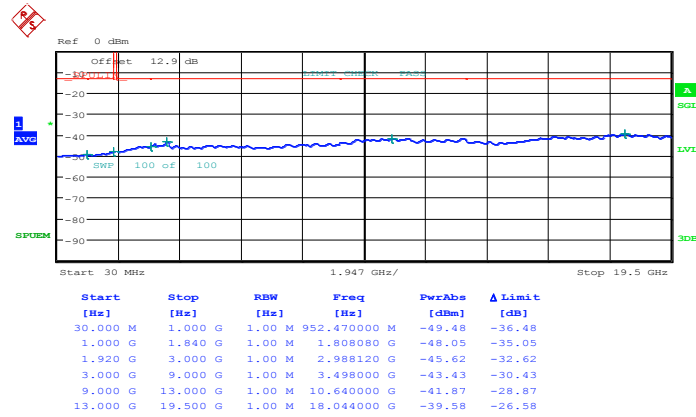


Date: 19.JUN.2014 22:45:17



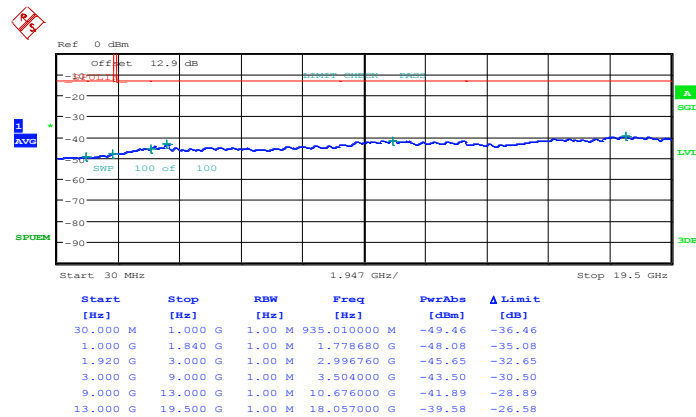
Band :	LTE Band 25	Channel :	CH26065 (Low)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 14.JUL.2014 22:24:09

16QAM (RB Size 1, RB Offset 0)

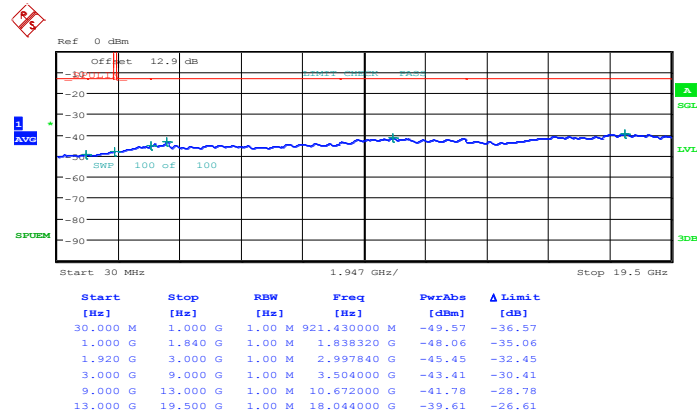


Date: 14.JUL.2014 22:25:08



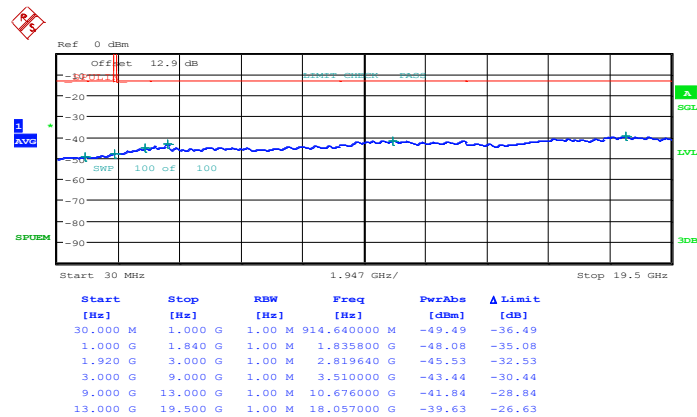
Band :	LTE Band 25	Channel :	CH26340 (Middle)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 14.JUL.2014 22:27:07

16QAM (RB Size 1, RB Offset 0)

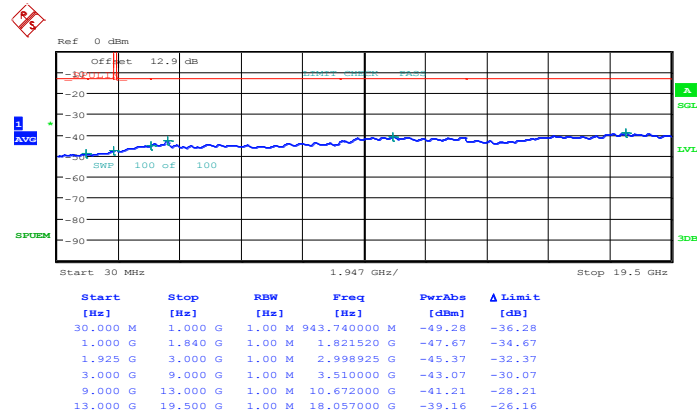


Date: 14.JUL.2014 22:28:06



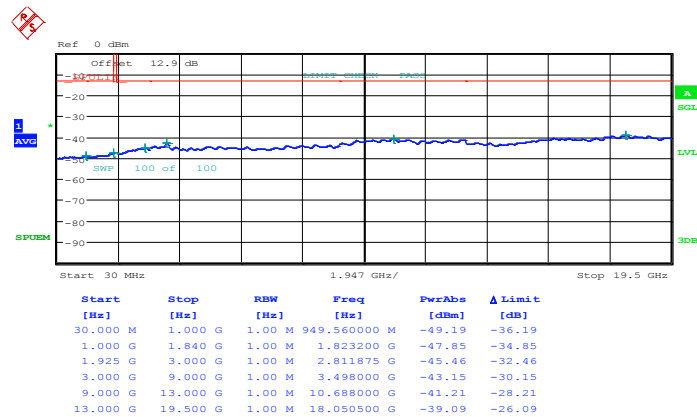
Band :	LTE Band 25	Channel :	CH26665 (High)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 22:50:53

16QAM (RB Size 1, RB Offset 0)

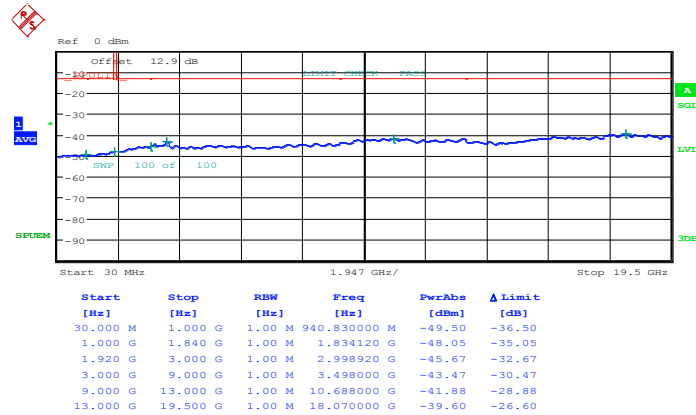


Date: 19.JUN.2014 22:51:56



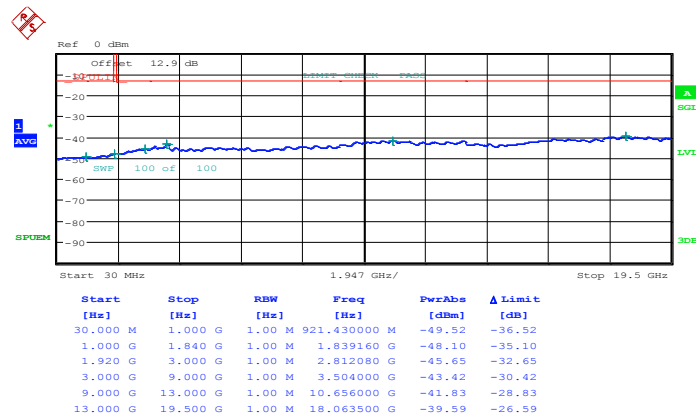
Band :	LTE Band 25	Channel :	CH26090 (Low)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 14.JUL.2014 22:33:21

16QAM (RB Size 1, RB Offset 0)

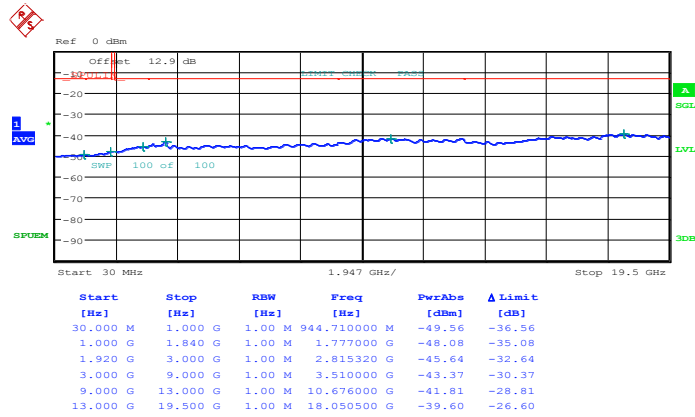


Date: 14.JUL.2014 22:34:19



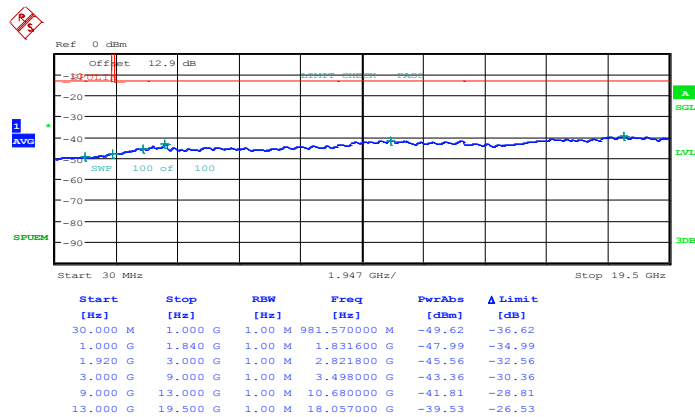
Band :	LTE Band 25	Channel :	CH26340 (Middle)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 14.JUL.2014 22:36:18

16QAM (RB Size 1, RB Offset 0)

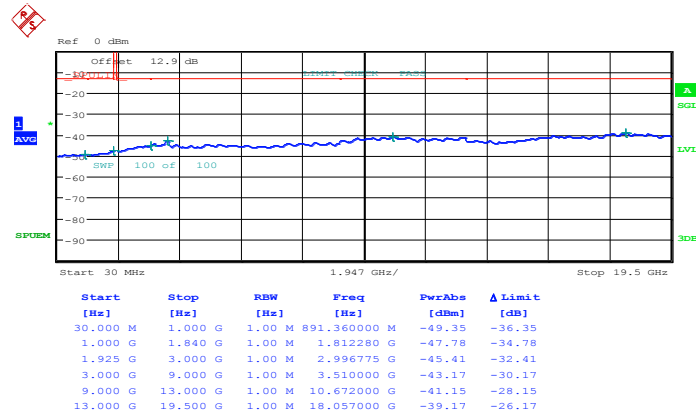


Date: 14.JUL.2014 22:37:17



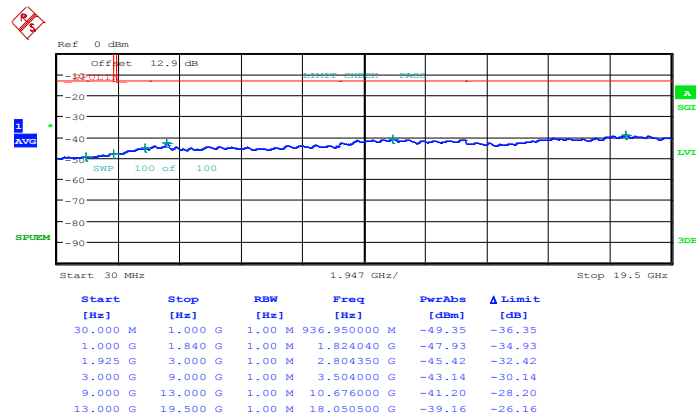
Band :	LTE Band 2	Channel :	CH26640 (High)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19 JUN 2014 22:59:28

16QAM (RB Size 1, RB Offset 0)

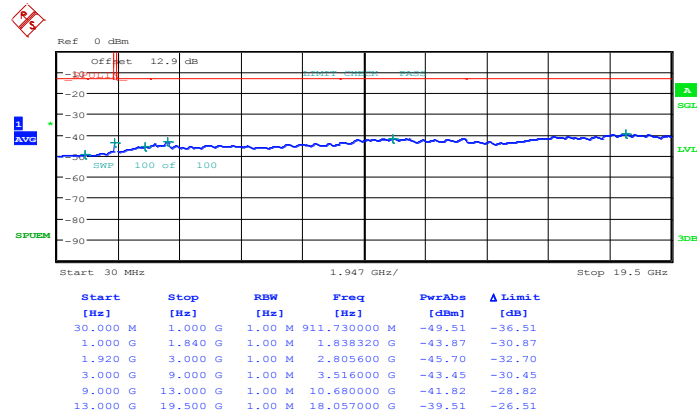


Date: 19 JUN 2014 23:00:30



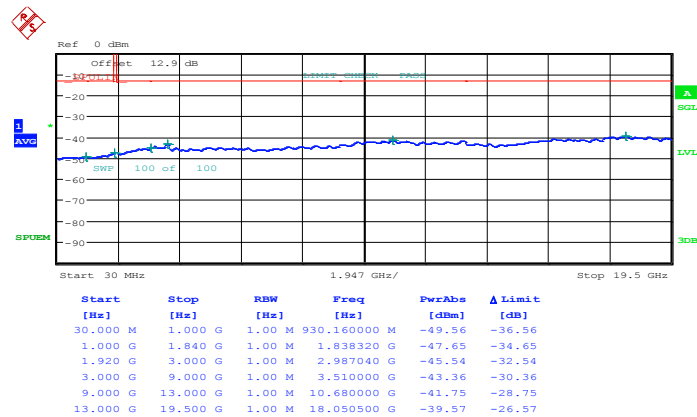
Band :	LTE Band 2	Channel :	CH26115 (Low)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 14.JUL.2014 22:42:21

16QAM (RB Size 1, RB Offset 0)

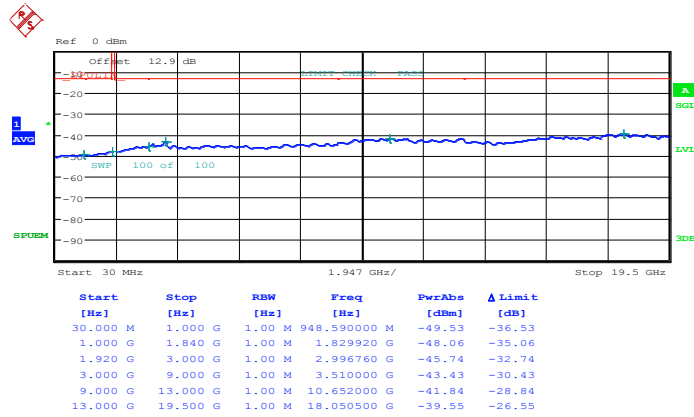


Date: 14.JUL.2014 22:43:20



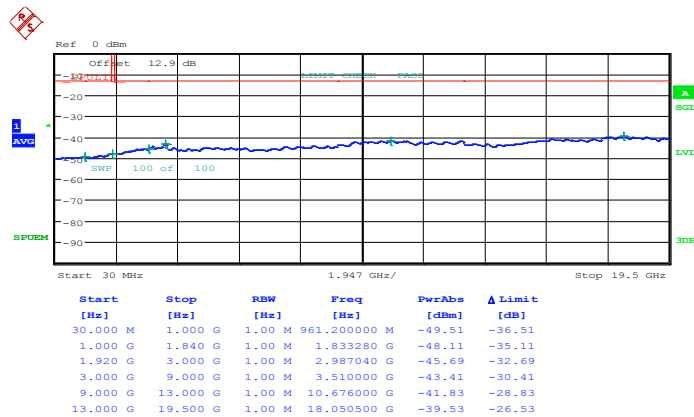
Band :	LTE Band 2	Channel :	CH26340 (Middle)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 14.JUL.2014 22:46:48

16QAM (RB Size 1, RB Offset 0)

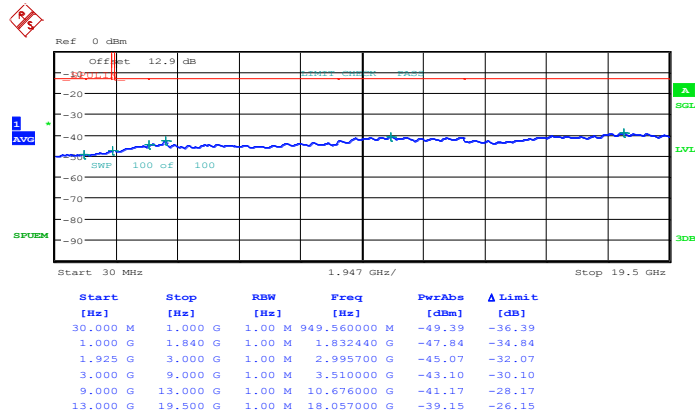


Date: 14.JUL.2014 22:47:47



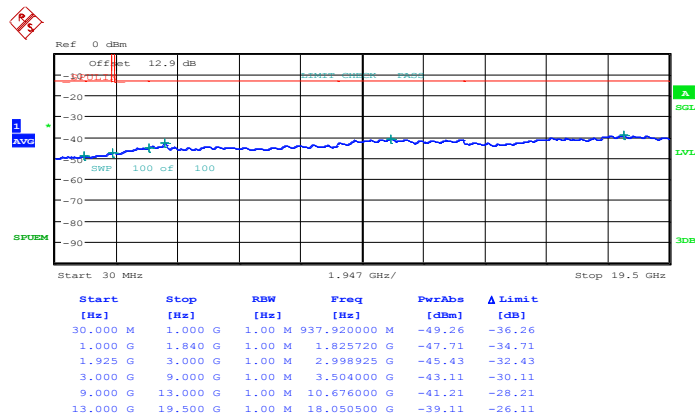
Band :	LTE Band 25	Channel :	CH26615 (High)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 23:06:06

16QAM (RB Size 1, RB Offset 0)

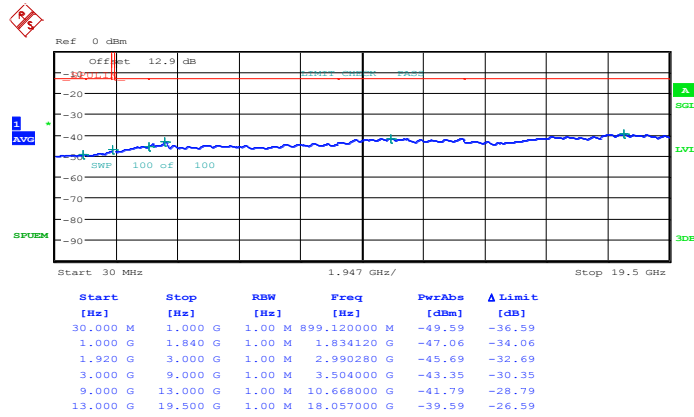


Date: 19.JUN.2014 23:07:08



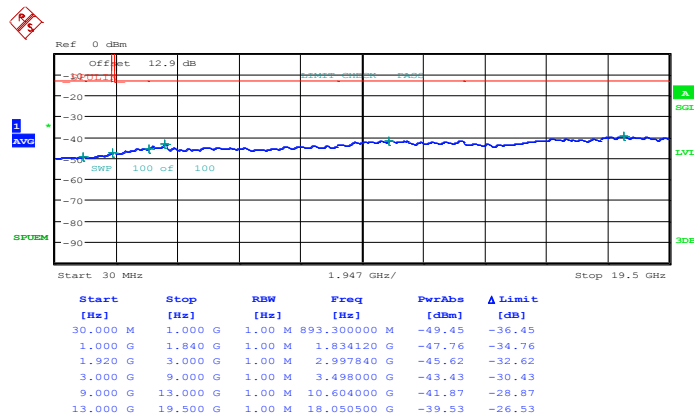
Band :	LTE Band 25	Channel :	CH26140 (Low)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 14.JUL.2014 22:52:52

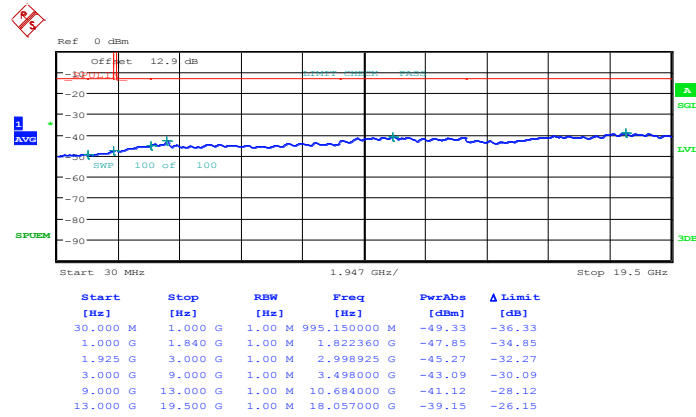
16QAM (RB Size 1, RB Offset 0)



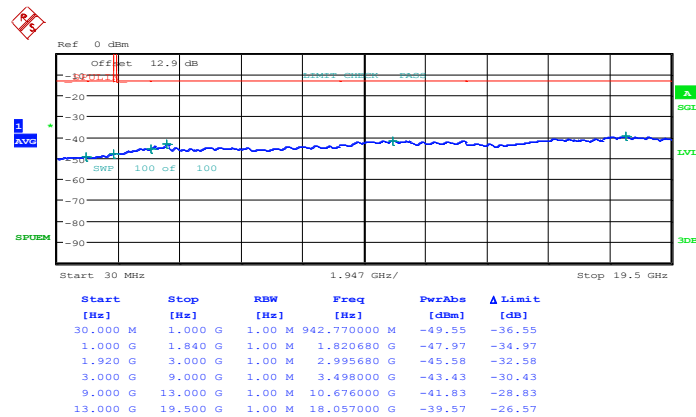
Date: 14.JUL.2014 22:53:50



Band :	LTE Band 25	Channel :	CH26340 (Middle)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)

Date: 19.JUN.2014 23:14:38

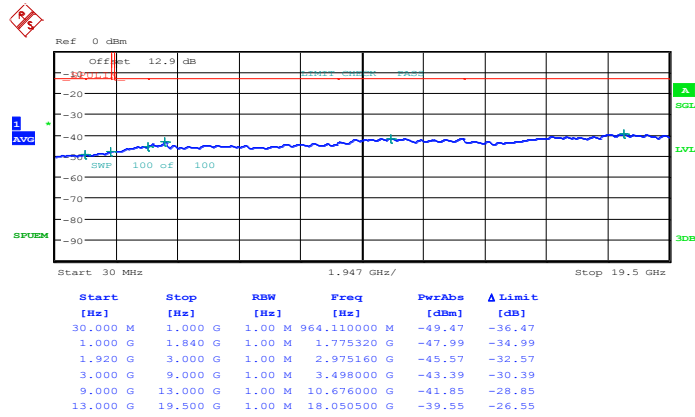
16QAM (RB Size 1, RB Offset 0)

Date: 14.JUL.2014 22:55:50



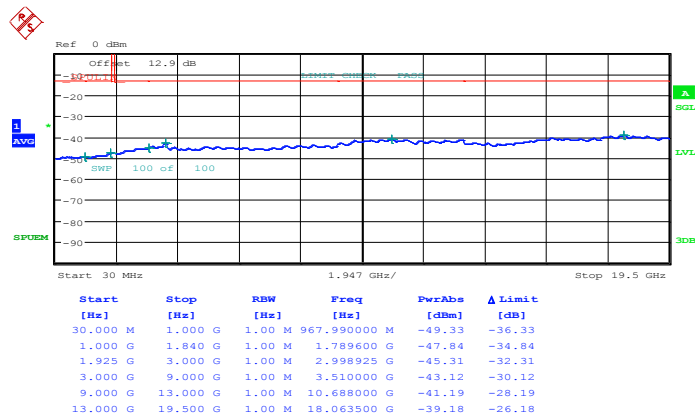
Band :	LTE Band 25	Channel :	CH26590 (High)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 14.JUL.2014 22:56:48

16QAM (RB Size 1, RB Offset 0)

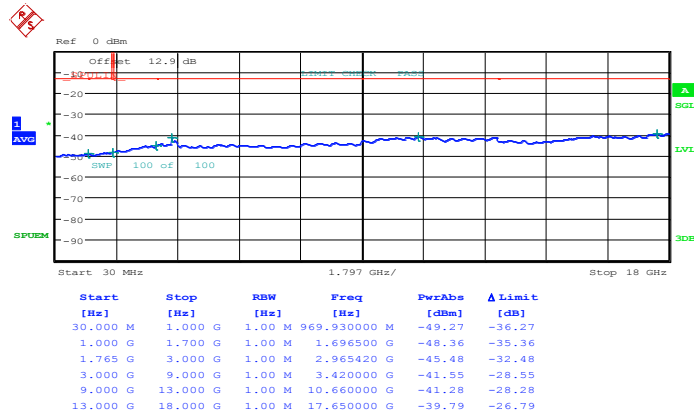


Date: 19.JUN.2014 23:13:36



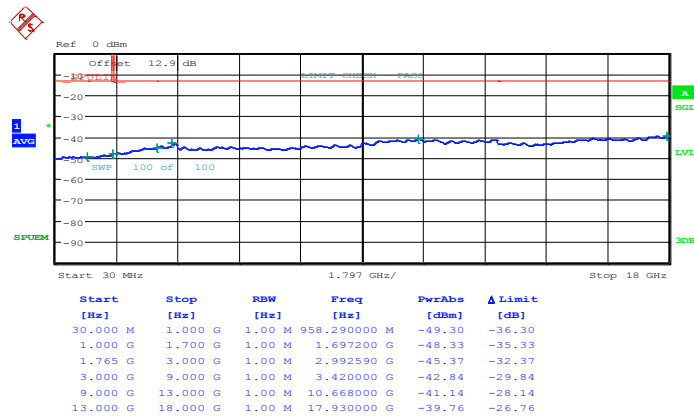
Band :	LTE Band 4	Channel :	CH19957 (Low)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 20:04:38

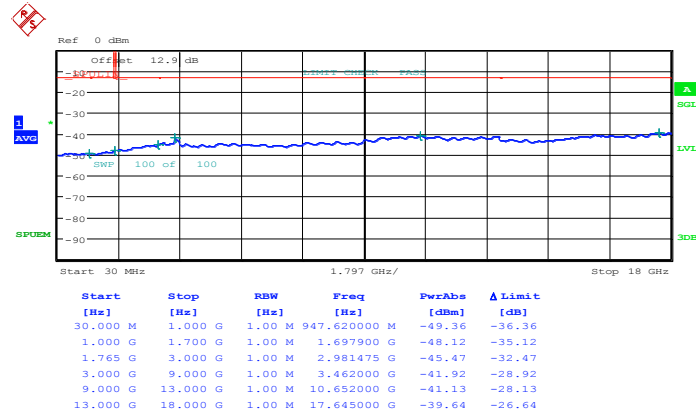
16QAM (RB Size 1, RB Offset 0)



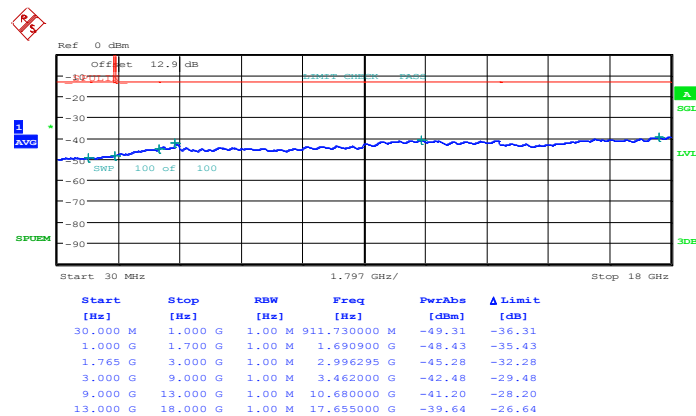
Date: 19.JUN.2014 20:05:41



Band :	LTE Band 4	Channel :	CH20175 (Middle)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)

Date: 19.JUN.2014 20:07:57

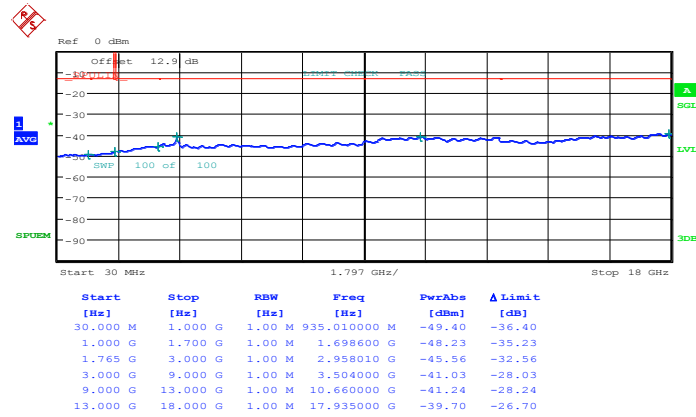
16QAM (RB Size 1, RB Offset 0)

Date: 19.JUN.2014 20:12:24



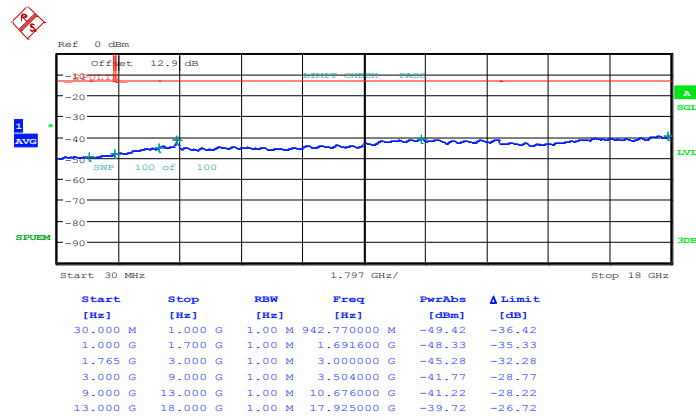
Band :	LTE Band 4	Channel :	CH20393 (High)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 20:17:58

16QAM (RB Size 1, RB Offset 0)

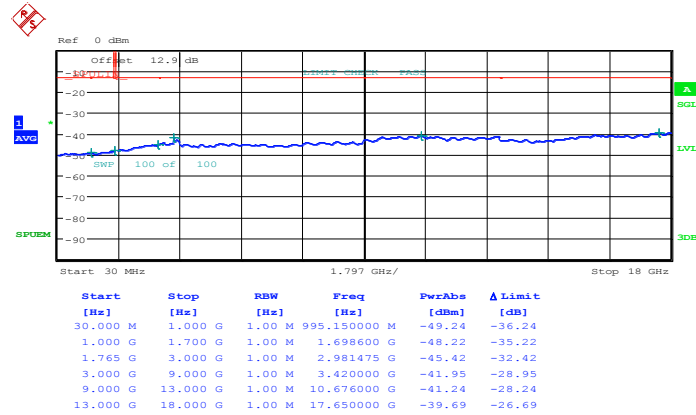


Date: 19.JUN.2014 20:19:01



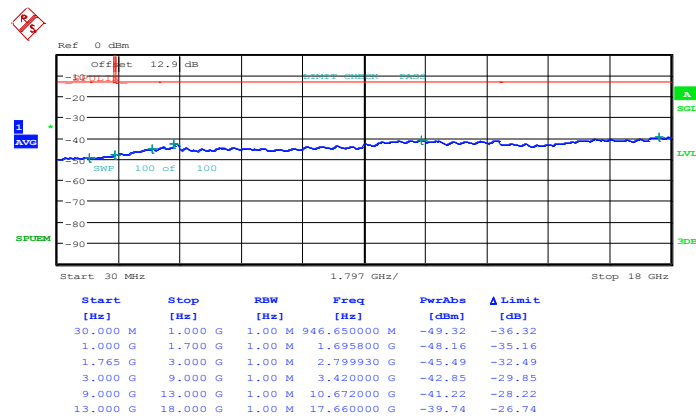
Band :	LTE Band 4	Channel :	CH19965 (Low)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 20:30:42

16QAM (RB Size 1, RB Offset 0)

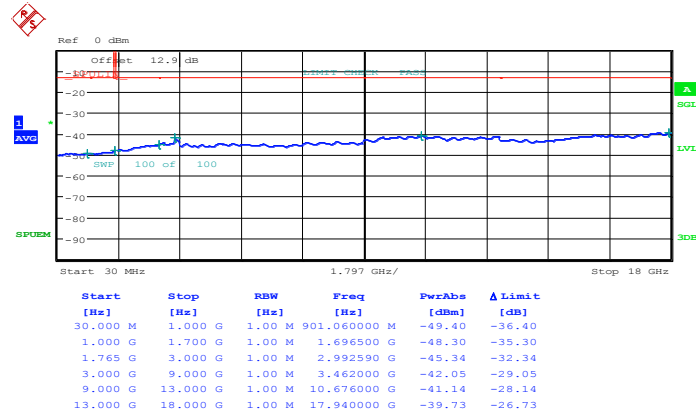


Date: 19.JUN.2014 20:31:45



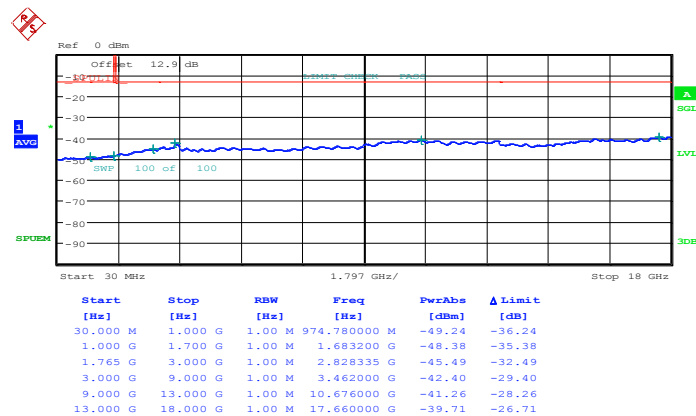
Band :	LTE Band 4	Channel :	CH20175 (Middle)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 20:34:02

16QAM (RB Size 1, RB Offset 0)

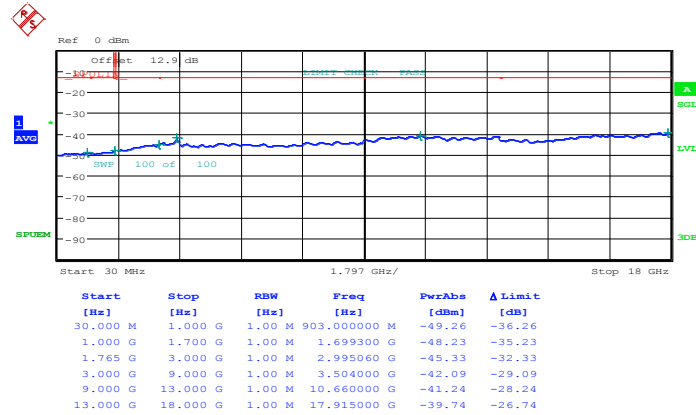


Date: 19.JUN.2014 20:35:04



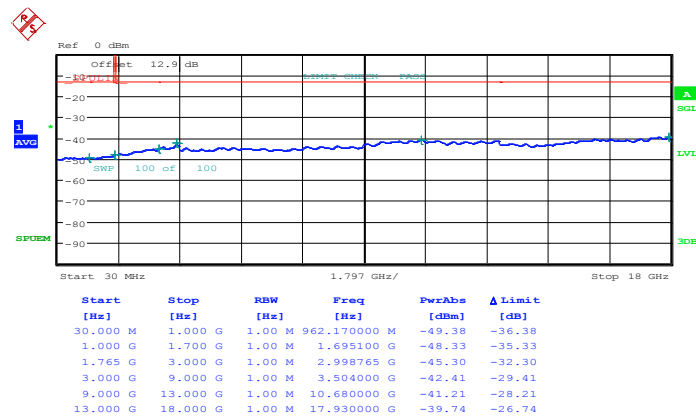
Band :	LTE Band 4	Channel :	CH20385 (High)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 20:41:29

16QAM (RB Size 1, RB Offset 0)

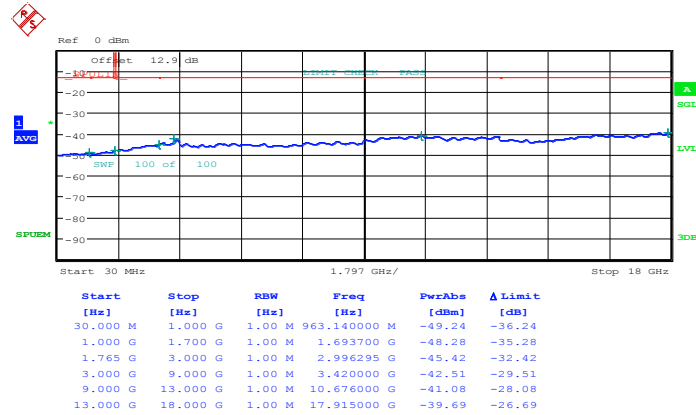


Date: 19.JUN.2014 20:42:31



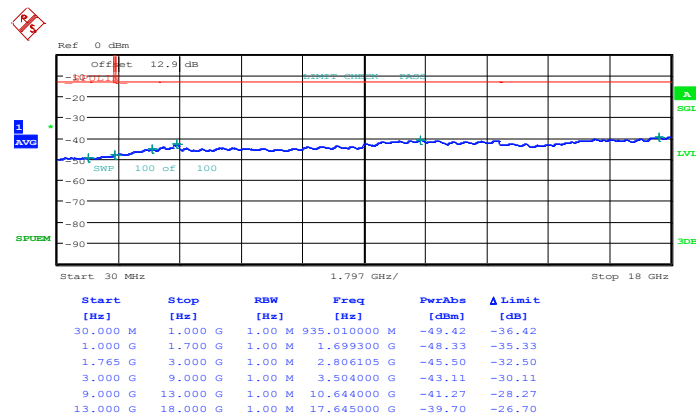
Band :	LTE Band 4	Channel :	CH19975 (Low)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 20:48:06

16QAM (RB Size 1, RB Offset 0)

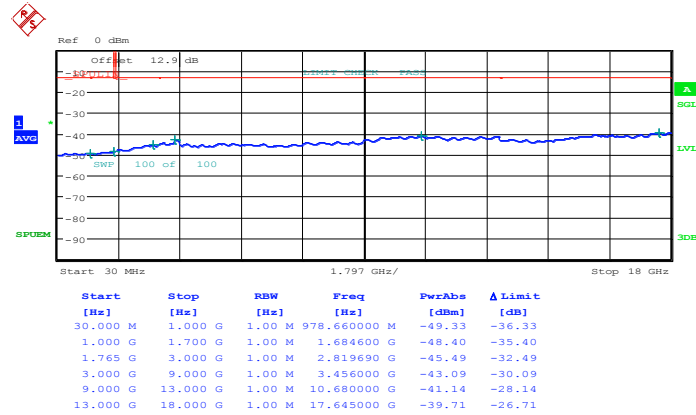


Date: 19.JUN.2014 20:49:09



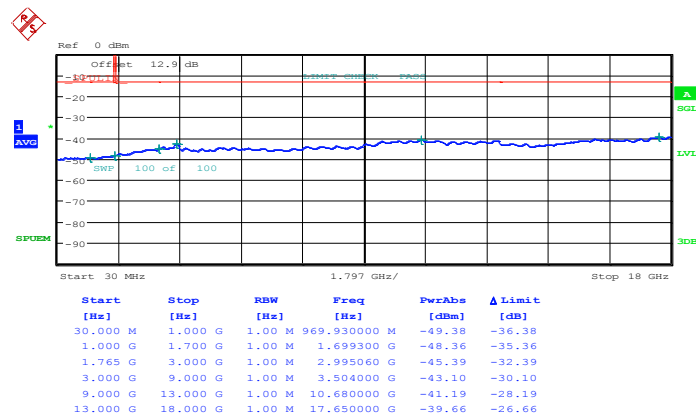
Band :	LTE Band 4	Channel :	CH20175 (Middle)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 20:51:25

16QAM (RB Size 1, RB Offset 0)

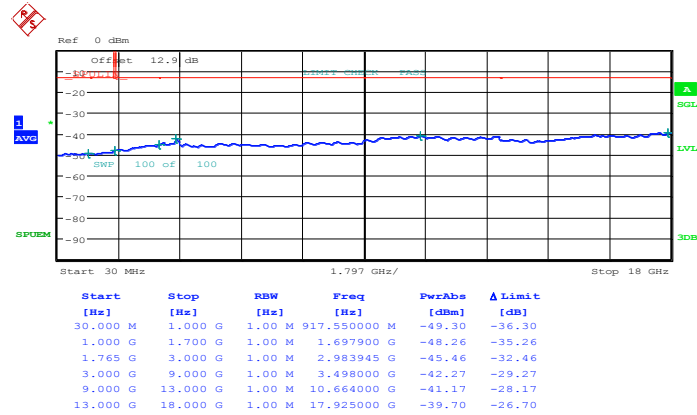


Date: 19.JUN.2014 20:52:28



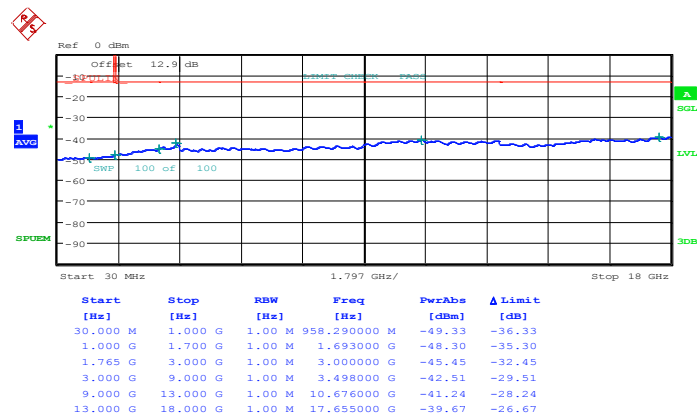
Band :	LTE Band 4	Channel :	CH20375 (High)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 20:59:29

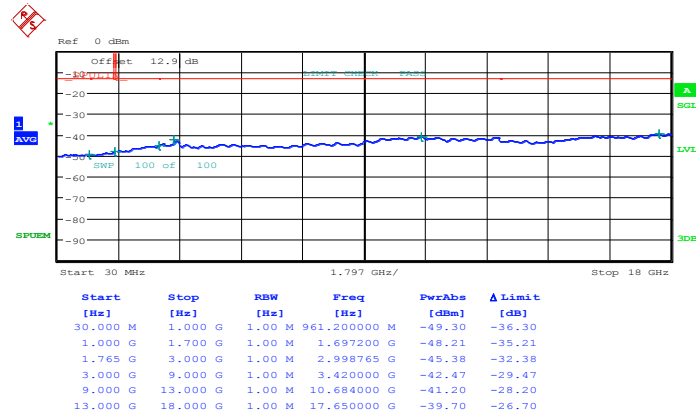
16QAM (RB Size 1, RB Offset 0)



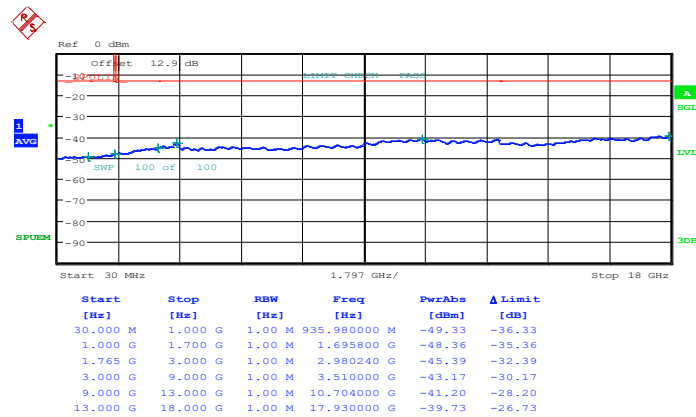
Date: 19.JUN.2014 21:00:31



Band :	LTE Band 4	Channel :	CH20000 (Low)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

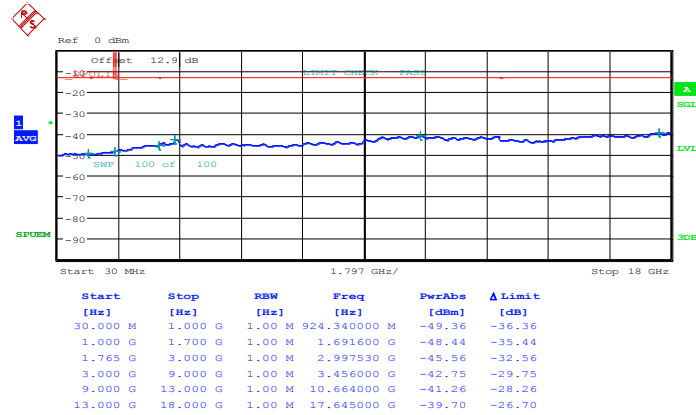
Date: 19.JUN.2014 21:06:06

16QAM (RB Size 1, RB Offset 0)

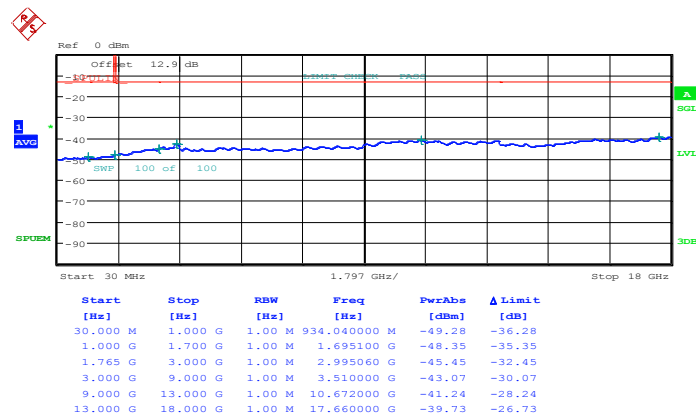
Date: 19.JUN.2014 21:07:09



Band :	LTE Band 4	Channel :	CH20175 (Middle)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

Date: 19.JUN.2014 21:09:34

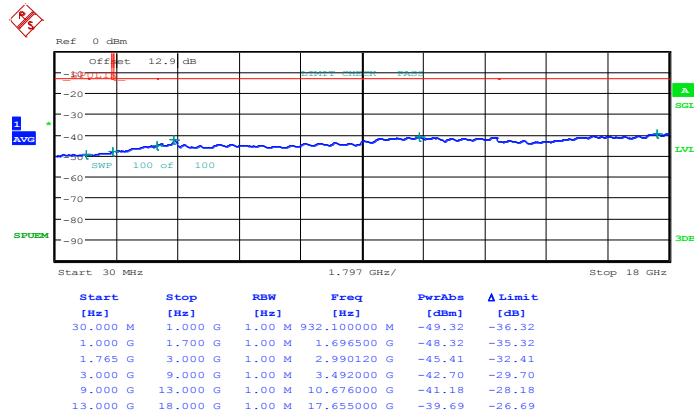
16QAM (RB Size 1, RB Offset 0)

Date: 19.JUN.2014 21:10:37



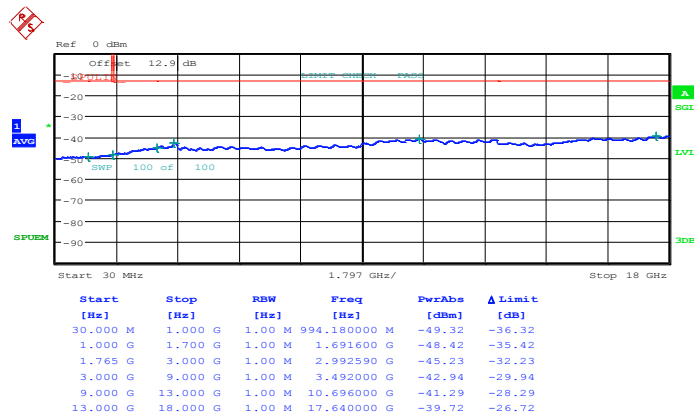
Band :	LTE Band 4	Channel :	CH20350 (High)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 21:16:11

16QAM (RB Size 1, RB Offset 0)

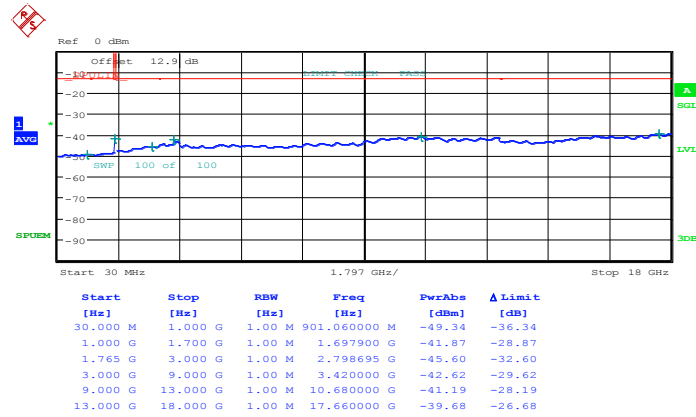


Date: 19.JUN.2014 21:17:14



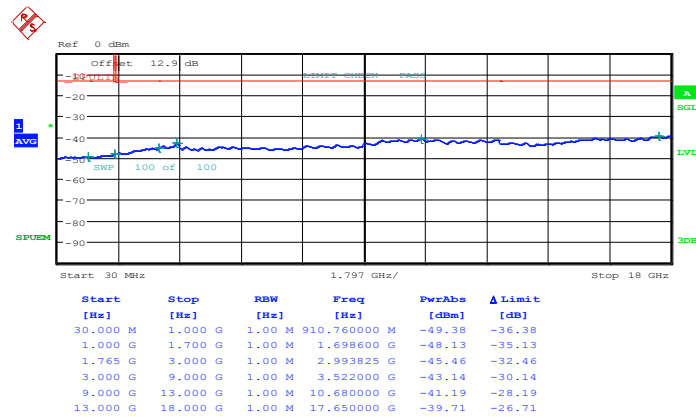
Band :	LTE Band 4	Channel :	CH20025 (Low)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 21:22:49

16QAM (RB Size 1, RB Offset 0)

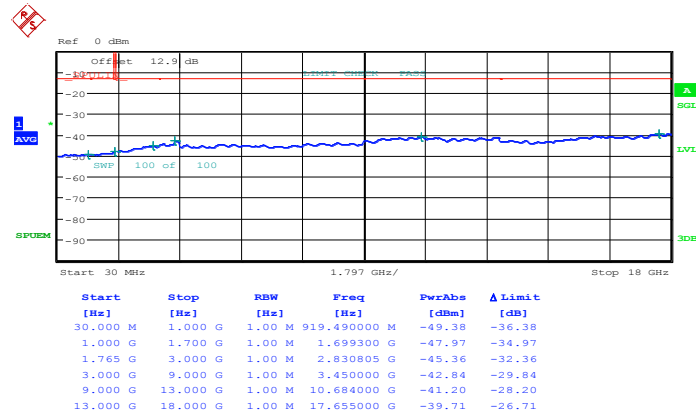


Date: 19.JUN.2014 21:23:51



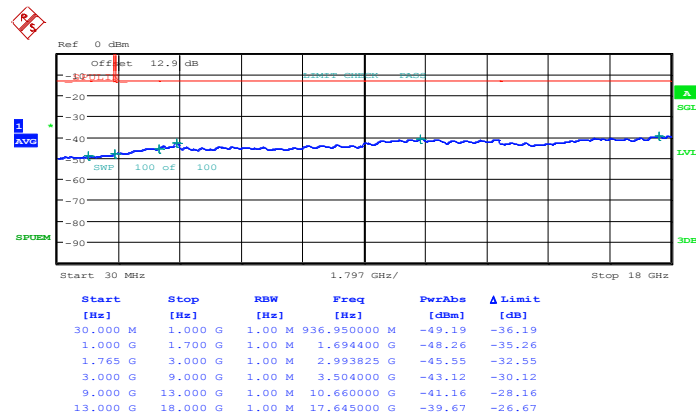
Band :	LTE Band 4	Channel :	CH20175 (Middle)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 21:33:00

16QAM (RB Size 1, RB Offset 0)

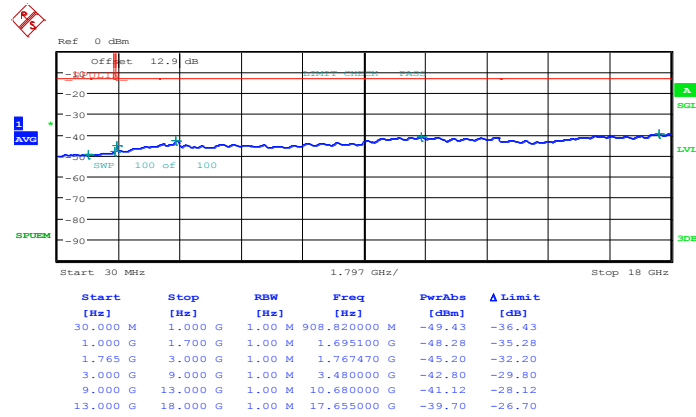


Date: 19.JUN.2014 21:34:02



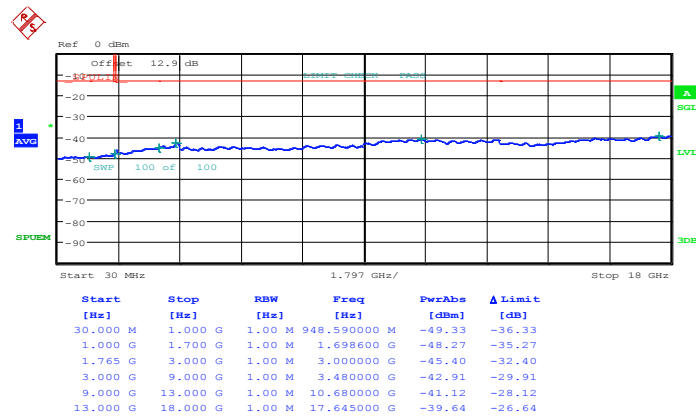
Band :	LTE Band 4	Channel :	CH20325 (High)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 21:41:01

16QAM (RB Size 1, RB Offset 0)

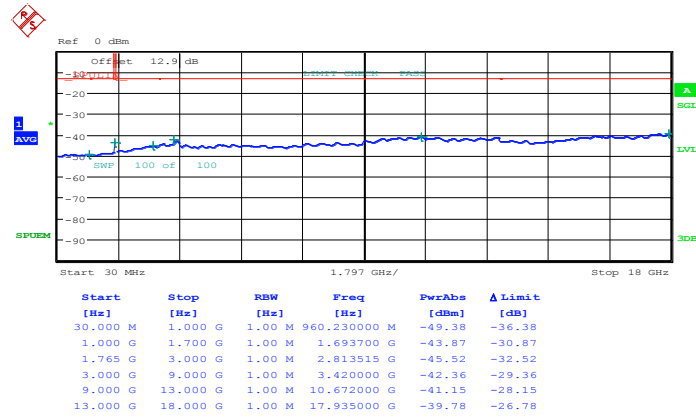


Date: 19.JUN.2014 21:42:03



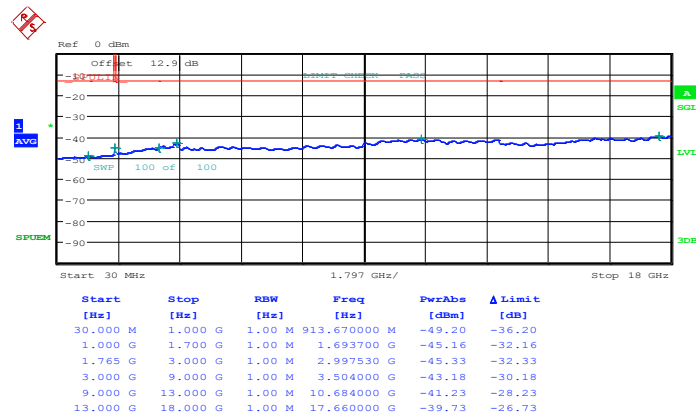
Band :	LTE Band 4	Channel :	CH20050 (Low)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 21:47:38

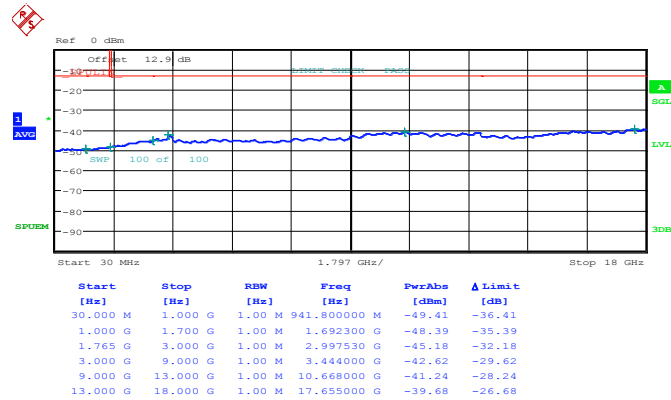
16QAM (RB Size 1, RB Offset 0)



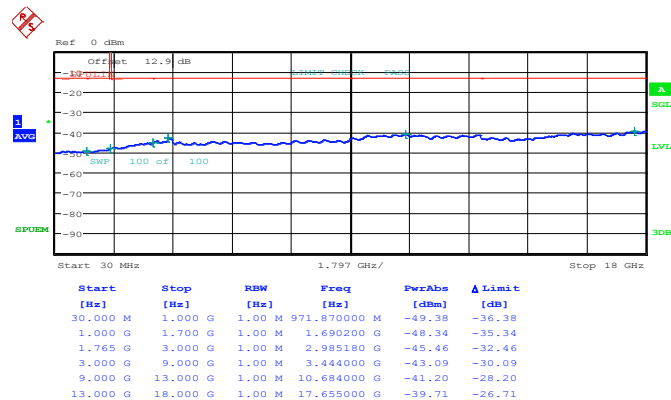
Date: 19.JUN.2014 21:48:41



Band :	LTE Band 4	Channel :	CH20175 (Middle)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)

Date: 19.JUN.2014 21:50:57

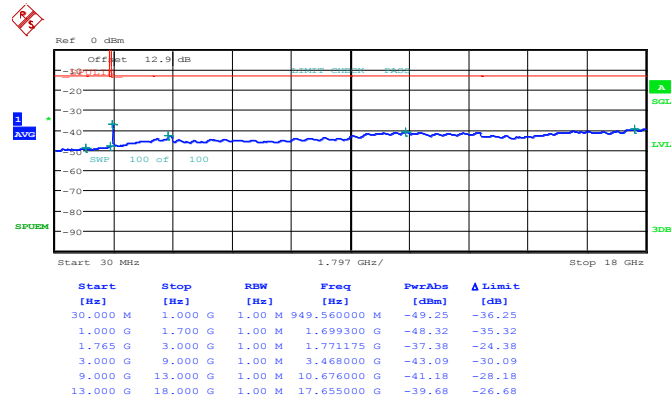
16QAM (RB Size 1, RB Offset 0)

Date: 19.JUN.2014 21:52:00



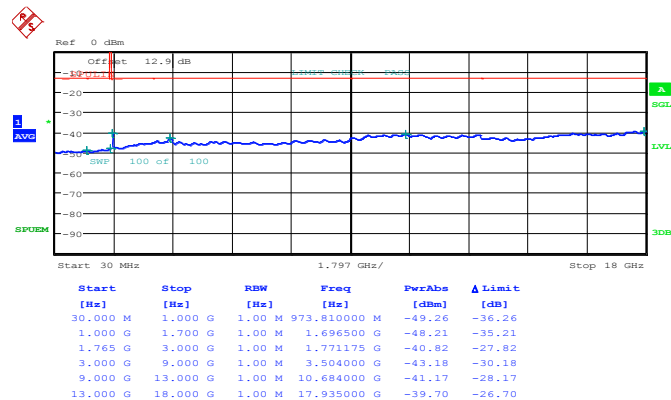
Band :	LTE Band 4	Channel :	CH20300 (High)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 22:14:33

16QAM (RB Size 1, RB Offset 0)

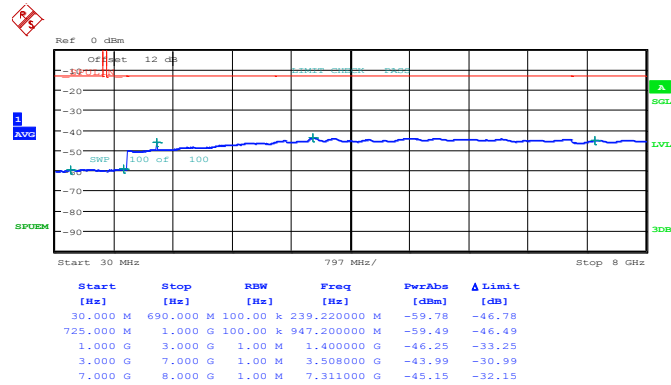


Date: 19.JUN.2014 22:15:36



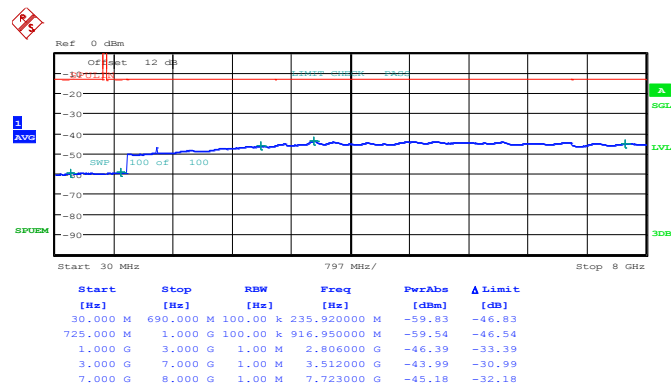
Band :	LTE Band 12	Channel :	CH23017 (Low)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 20.JUN.2014 00:49:48

16QAM (RB Size 1, RB Offset 0)

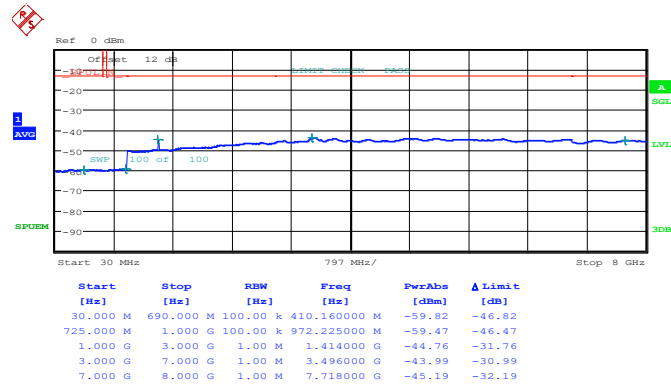


Date: 20.JUN.2014 00:50:56



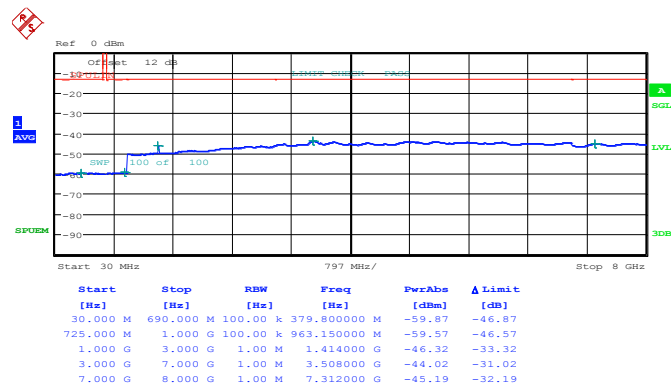
Band :	LTE Band 12	Channel :	CH23095 (Middle)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 20.JUN.2014 00:53:33

16QAM (RB Size 1, RB Offset 0)

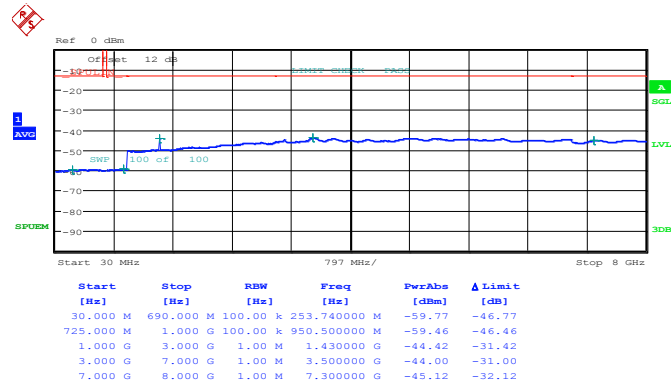


Date: 20.JUN.2014 00:52:18



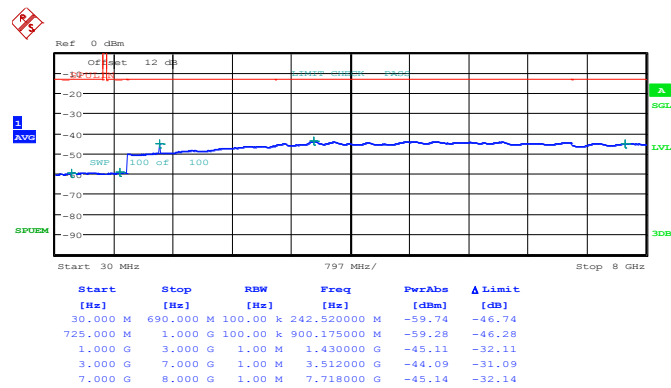
Band :	LTE Band 12	Channel :	CH23173 (High)
Band Width :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 20.JUN.2014 00:54:39

16QAM (RB Size 1, RB Offset 0)

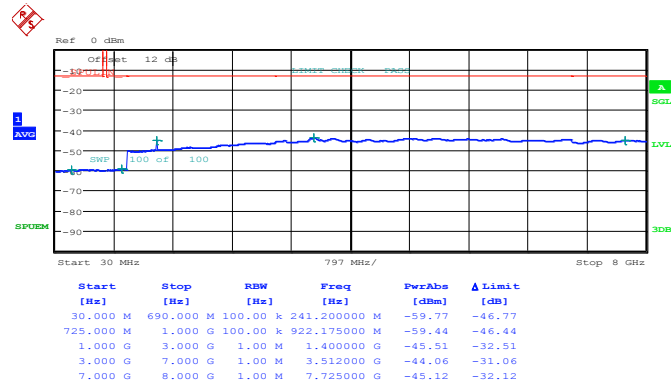


Date: 20.JUN.2014 00:55:42



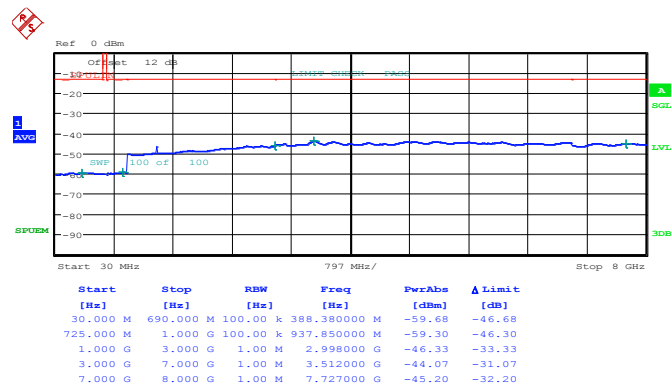
Band :	LTE Band 12	Channel :	CH23025 (Low)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 20.JUN.2014 00:58:08

16QAM (RB Size 1, RB Offset 0)

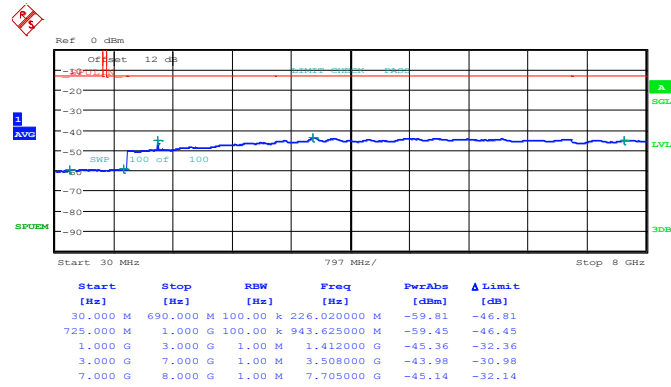


Date: 20.JUN.2014 00:57:07



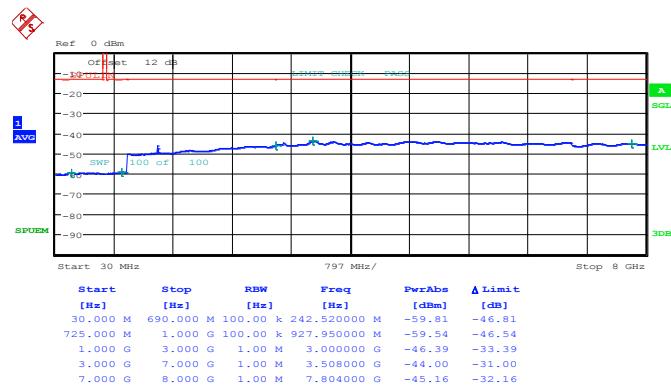
Band :	LTE Band 12	Channel :	CH23095 (Middle)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 20.JUN.2014 00:59:12

16QAM (RB Size 1, RB Offset 0)

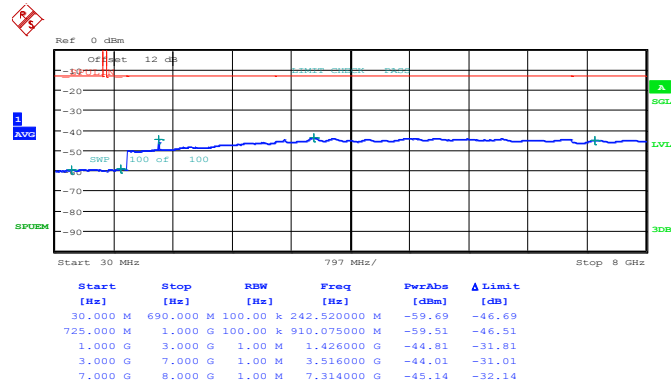


Date: 20.JUN.2014 01:00:11



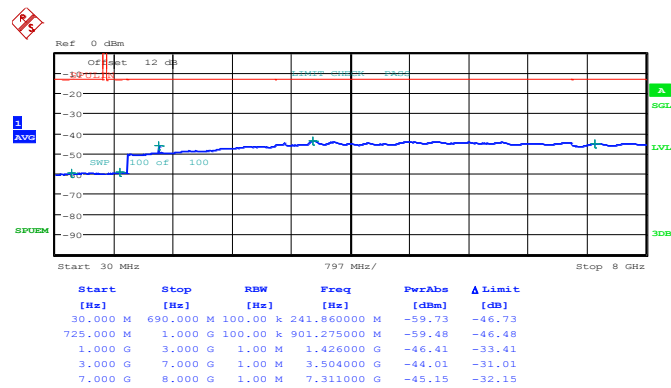
Band :	LTE Band 12	Channel :	CH23165 (High)
Band Width :	3MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 20.JUN.2014 01:02:12

16QAM (RB Size 1, RB Offset 0)

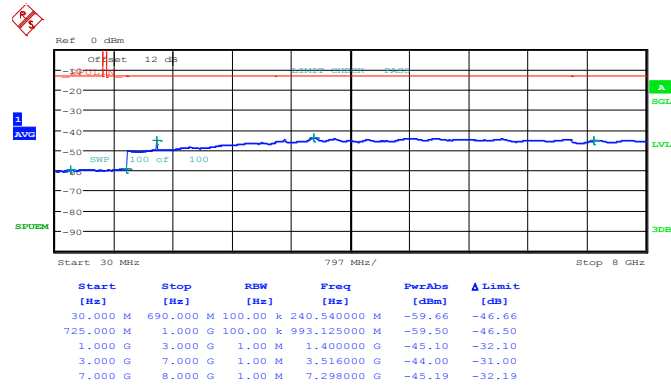


Date: 20.JUN.2014 01:01:13



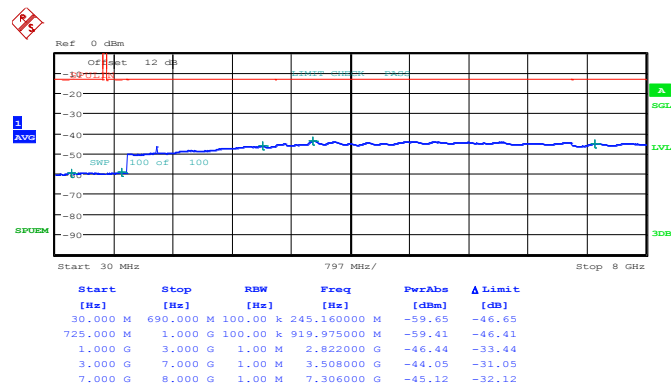
Band :	LTE Band 12	Channel :	CH23035 (Low)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 20.JUN.2014 01:04:21

16QAM (RB Size 1, RB Offset 0)

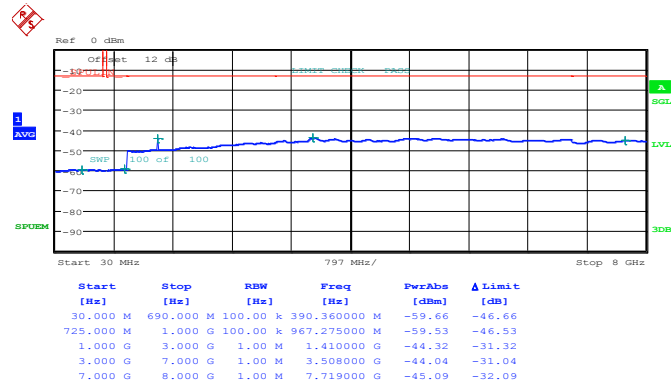


Date: 20.JUN.2014 01:07:01



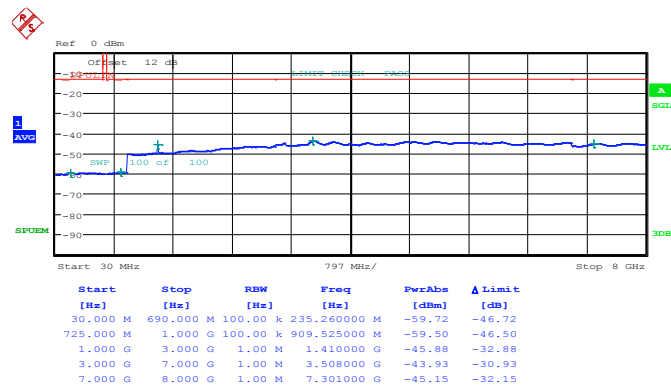
Band :	LTE Band 12	Channel :	CH23095 (Middle)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 20.JUN.2014 01:09:30

16QAM (RB Size 1, RB Offset 0)

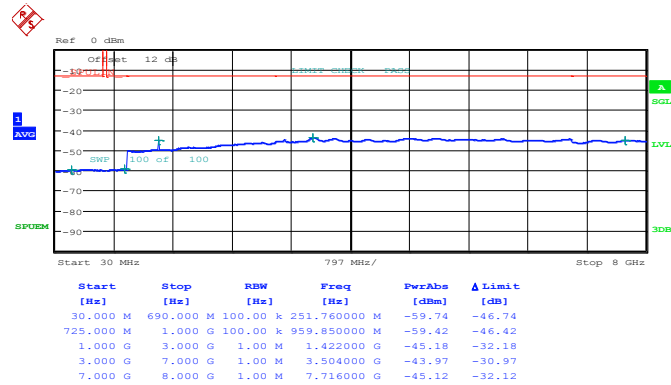


Date: 20.JUN.2014 01:08:17



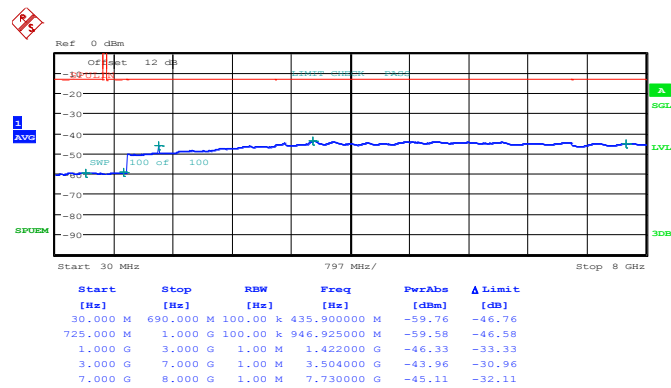
Band :	LTE Band 12	Channel :	CH23155 (High)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 20.JUN.2014 01:10:28

16QAM (RB Size 1, RB Offset 0)

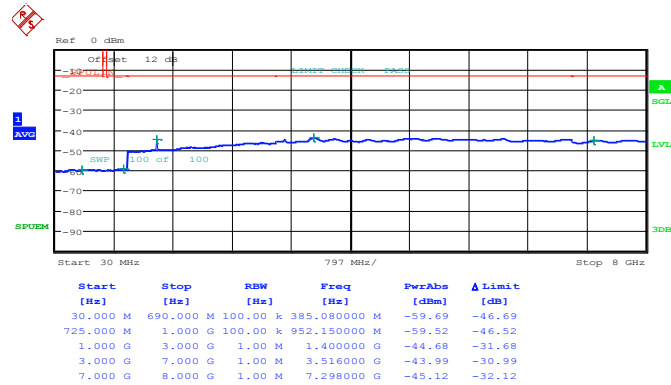


Date: 20.JUN.2014 01:11:28



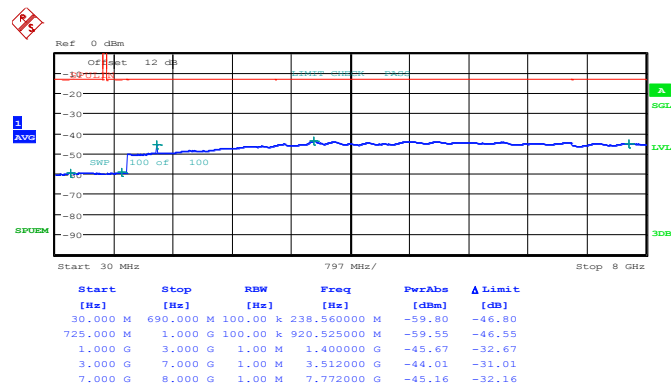
Band :	LTE Band 12	Channel :	CH23060 (Low)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 20.JUN.2014 01:13:58

16QAM (RB Size 1, RB Offset 0)

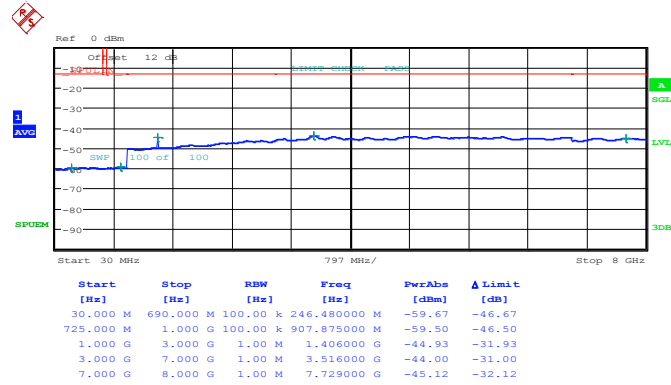


Date: 20.JUN.2014 01:12:31



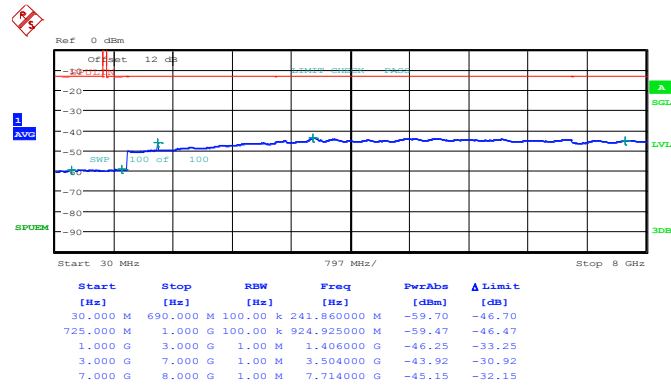
Band :	LTE Band 12	Channel :	CH23095 (Middle)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 20.JUN.2014 01:15:00

16QAM (RB Size 1, RB Offset 0)

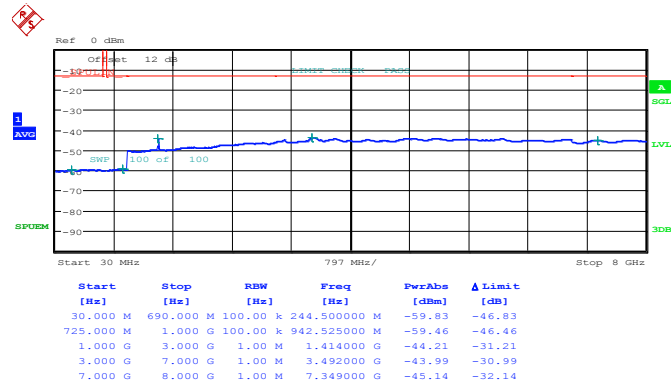


Date: 20.JUN.2014 01:16:31



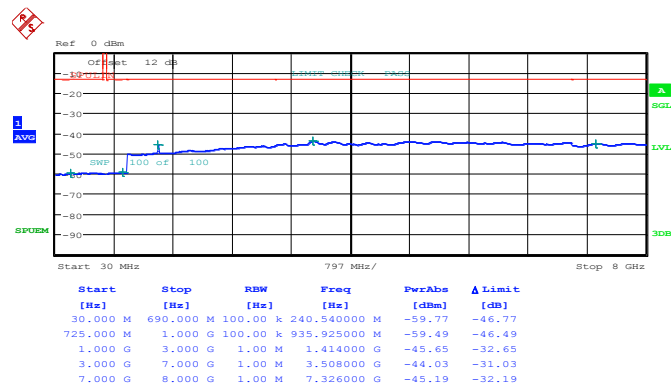
Band :	LTE Band 12	Channel :	CH23130 (High)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 20.JUN.2014 01:19:02

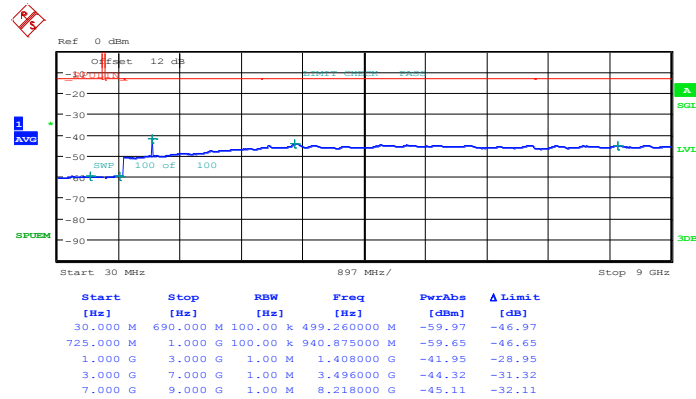
16QAM (RB Size 1, RB Offset 0)



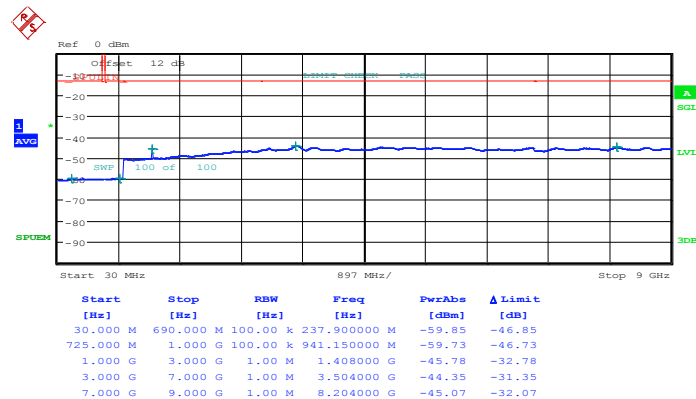
Date: 20.JUN.2014 01:17:35



Band :	LTE Band 17	Channel :	CH23755 (Low)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

Date: 19.JUN.2014 01:25:22

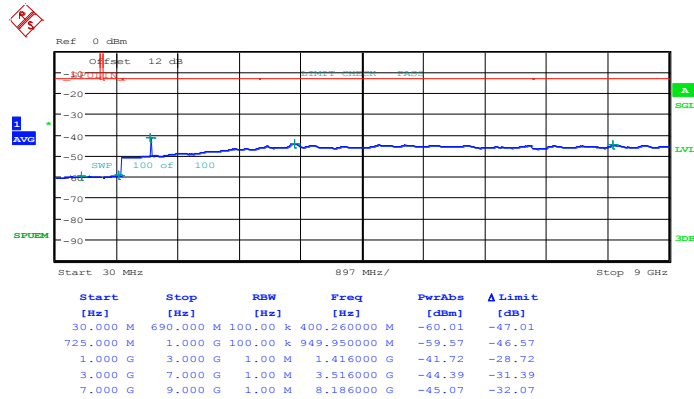
16QAM (RB Size 1, RB Offset 0)

Date: 19.JUN.2014 01:26:24



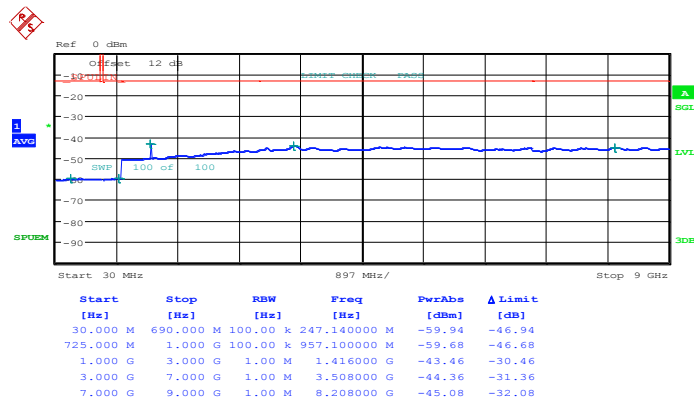
Band :	LTE Band 17	Channel :	CH23790 (Middle)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 01:28:42

16QAM (RB Size 1, RB Offset 0)

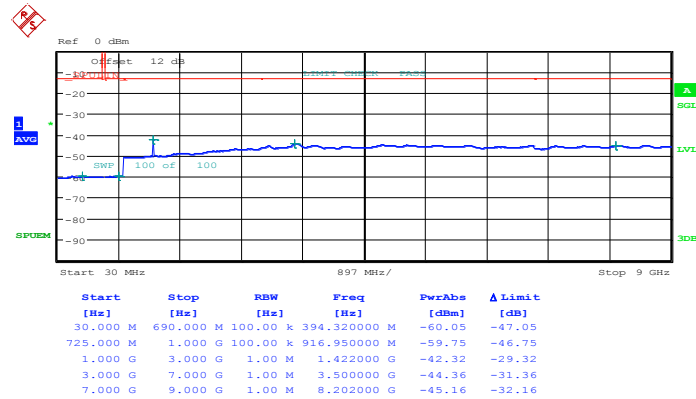


Date: 19.JUN.2014 01:29:44



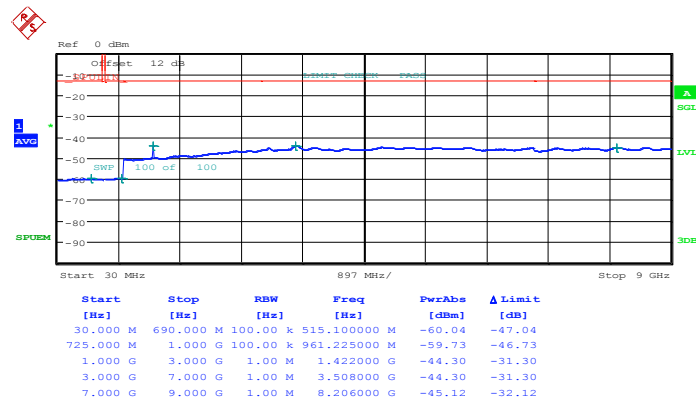
Band :	LTE Band 17	Channel :	CH23825 (High)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 01:35:20

16QAM (RB Size 1, RB Offset 0)

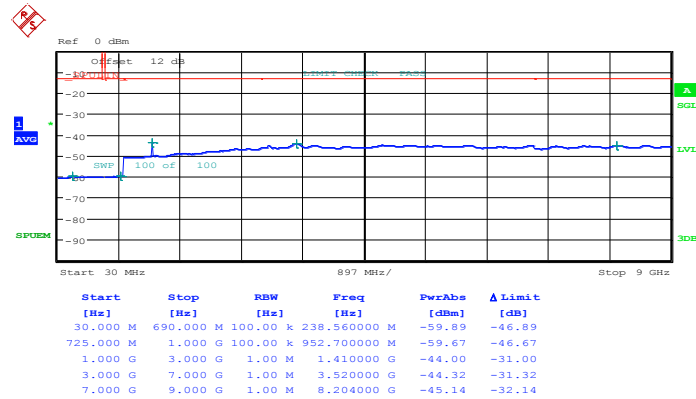


Date: 19.JUN.2014 01:36:22



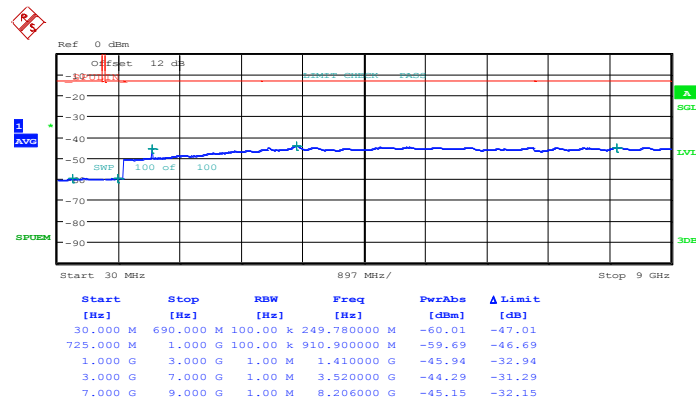
Band :	LTE Band 17	Channel :	CH23780 (Low)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 01:42:19

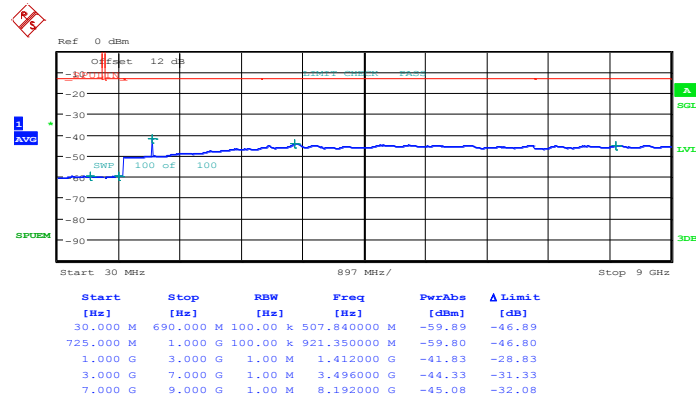
16QAM (RB Size 1, RB Offset 0)



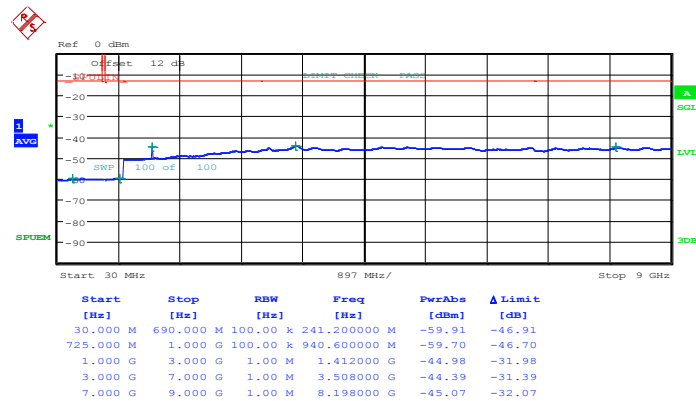
Date: 19.JUN.2014 01:43:22



Band :	LTE Band 17	Channel :	CH23790 (Middle)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)

Date: 19.JUN.2014 01:45:40

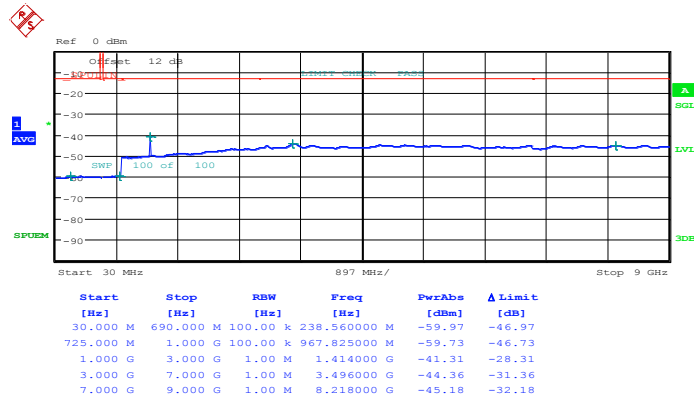
16QAM (RB Size 1, RB Offset 0)

Date: 19.JUN.2014 01:46:42



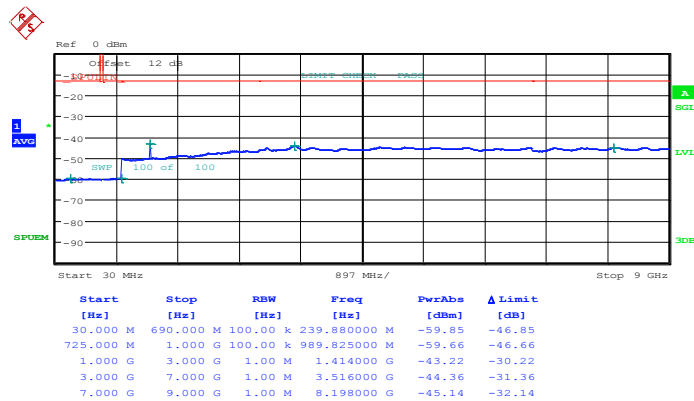
Band :	LTE Band 17	Channel :	CH23800 (High)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 19.JUN.2014 01:52:19

16QAM (RB Size 1, RB Offset 0)

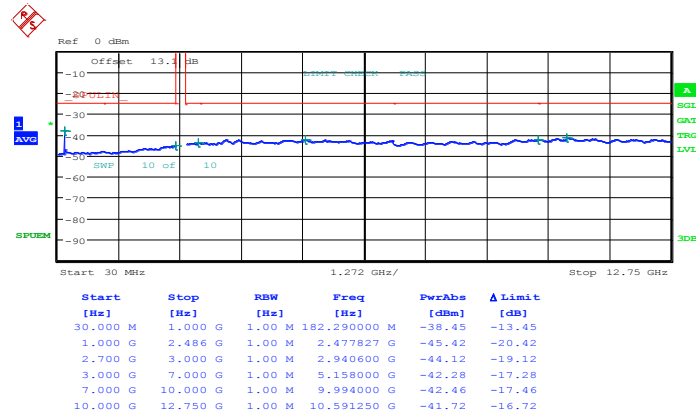


Date: 19.JUN.2014 01:53:21



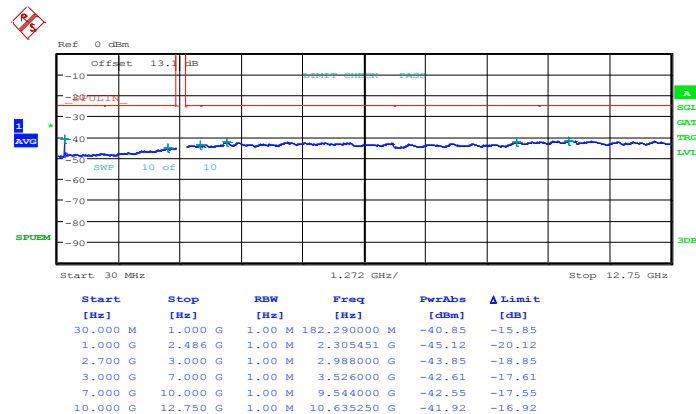
Band :	LTE Band 41	Channel :	CH36975 (Low)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 7.JUL.2014 21:26:43

16QAM (RB Size 1, RB Offset 0)

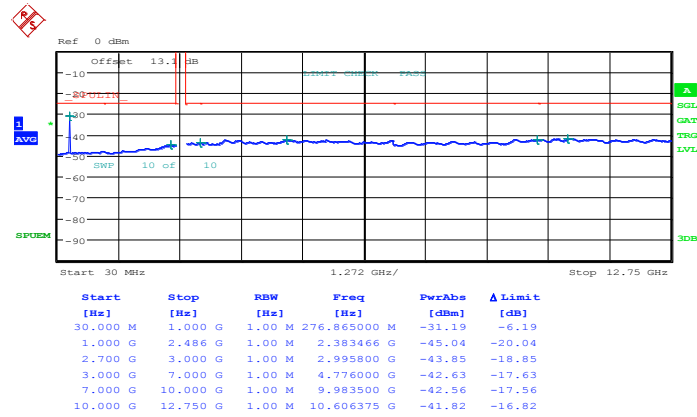


Date: 7.JUL.2014 21:27:16



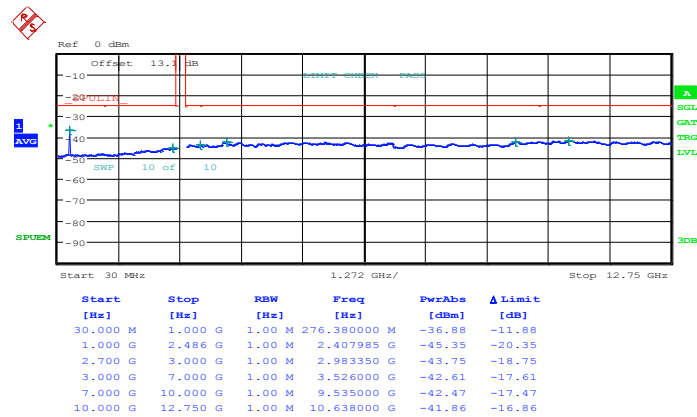
Band :	LTE Band 41	Channel :	CH40620 (Middle)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 7.JUL.2014 21:29:44

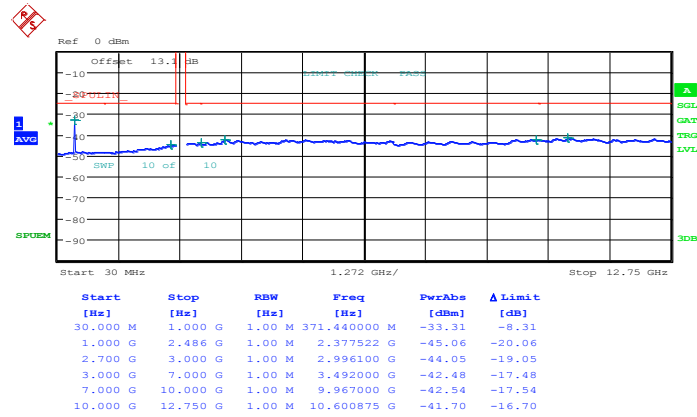
16QAM (RB Size 1, RB Offset 0)



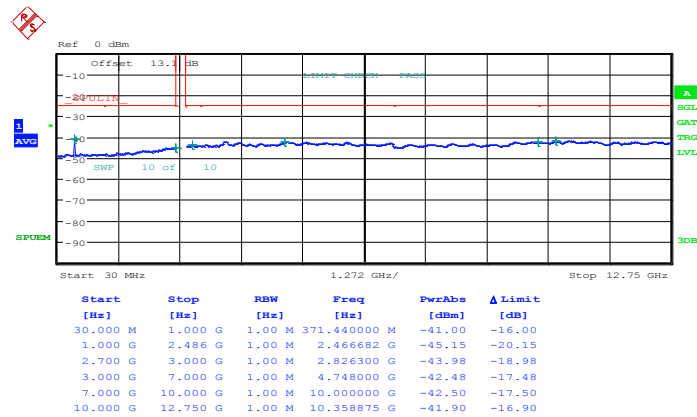
Date: 7.JUL.2014 21:28:51



Band :	LTE Band 41	Channel :	CH41565 (High)
Band Width :	5MHz		

QPSK (RB Size 1, RB Offset 0)

Date: 7.JUL.2014 21:33:10

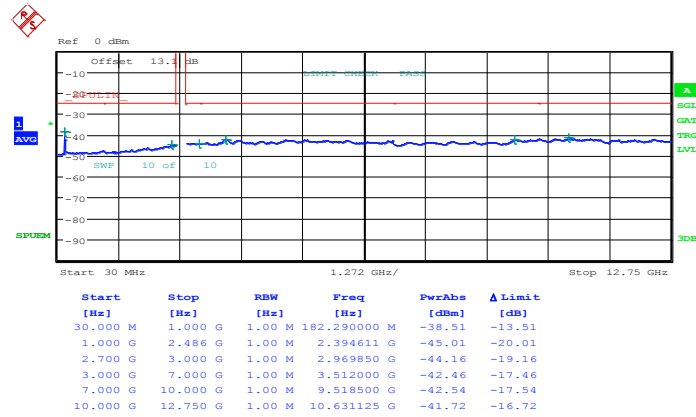
16QAM (RB Size 1, RB Offset 0)

Date: 7.JUL.2014 21:34:08



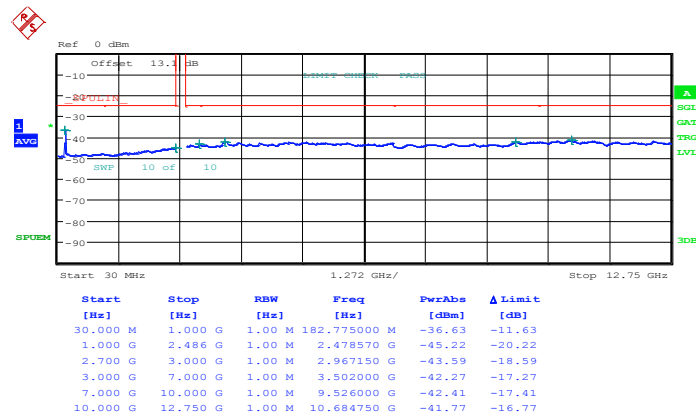
Band :	LTE Band 41	Channel :	CH39700 (Low)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 7.JUL.2014 21:02:59

16QAM (RB Size 1, RB Offset 0)

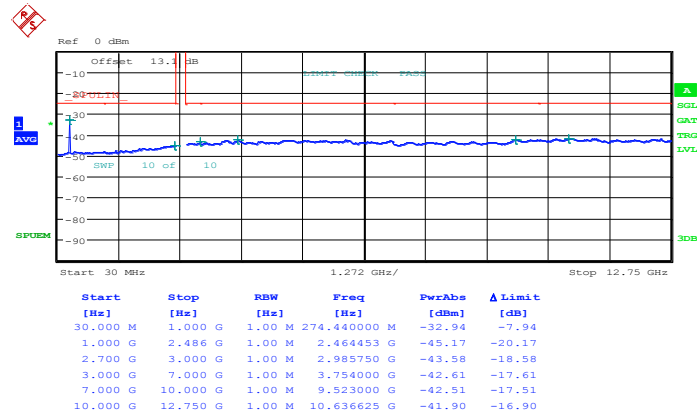


Date: 7.JUL.2014 21:04:43



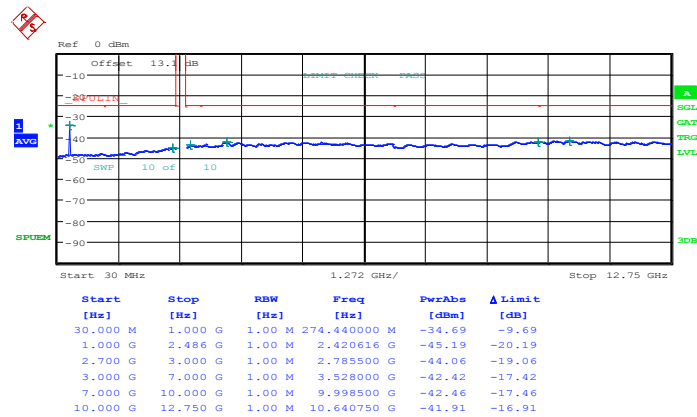
Band :	LTE Band 41	Channel :	CH40620 (Middle)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 7.JUL.2014 21:01:44

16QAM (RB Size 1, RB Offset 0)

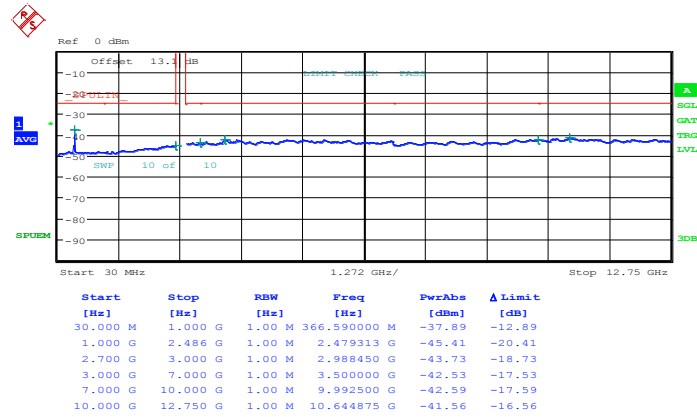


Date: 7.JUL.2014 21:01:13



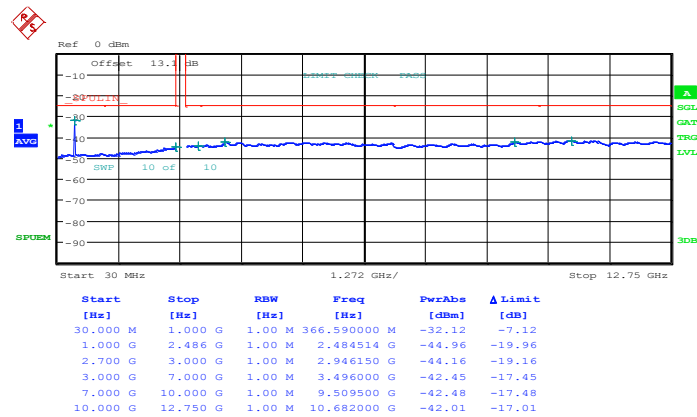
Band :	LTE Band 41	Channel :	CH41540 (High)
Band Width :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 7.JUL.2014 21:06:44

16QAM (RB Size 1, RB Offset 0)

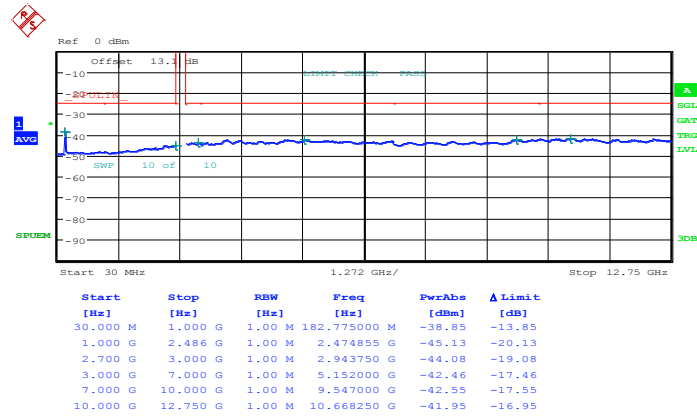


Date: 7.JUL.2014 21:06:04



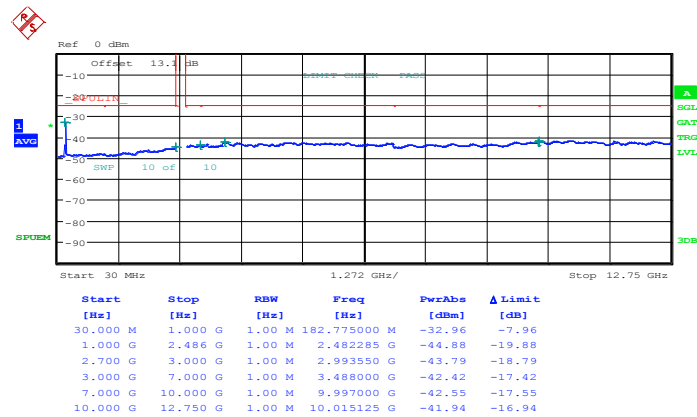
Band :	LTE Band 41	Channel :	CH39725 (Low)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 7.JUL.2014 21:08:43

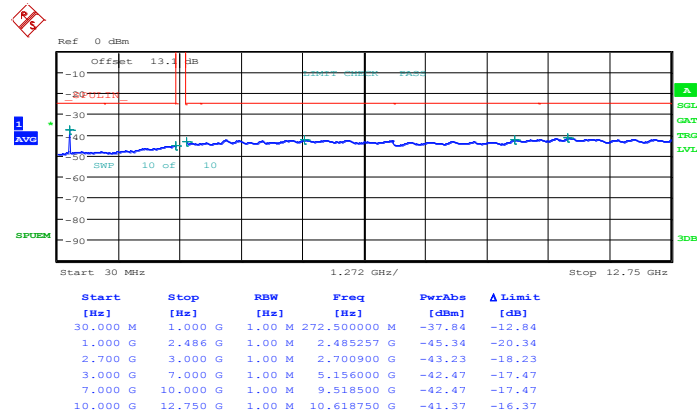
16QAM (RB Size 1, RB Offset 0)



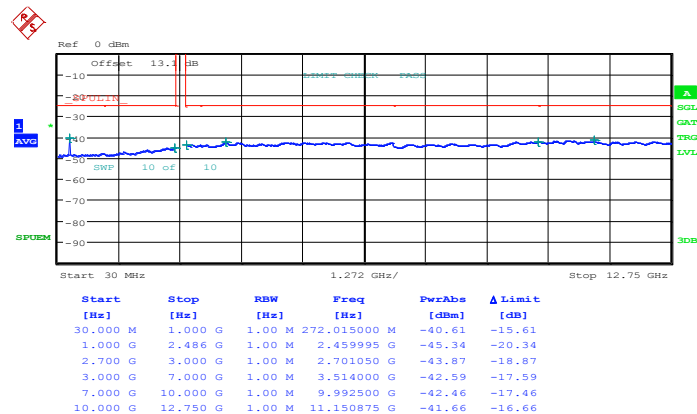
Date: 7.JUL.2014 21:09:48



Band :	LTE Band 41	Channel :	CH40620 (Middle)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)

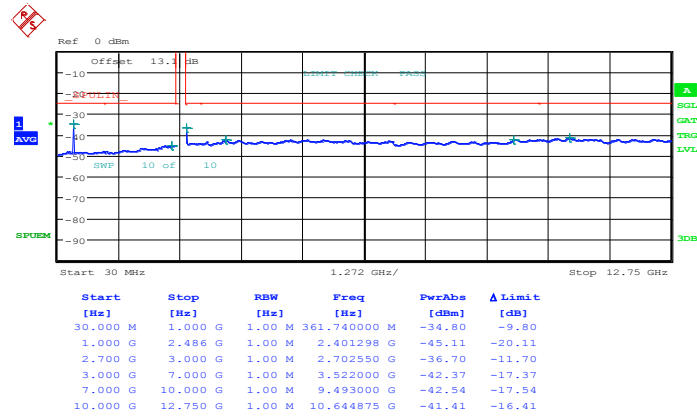
Date: 7.JUL.2014 21:13:53

16QAM (RB Size 1, RB Offset 0)

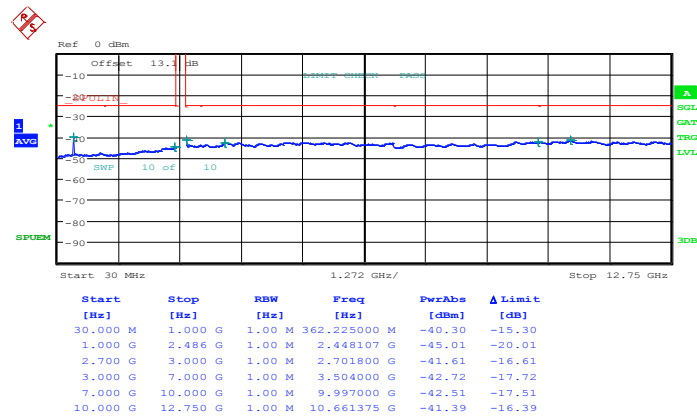
Date: 7.JUL.2014 21:12:24



Band :	LTE Band 41	Channel :	CH41515 (High)
Band Width :	15MHz		

QPSK (RB Size 1, RB Offset 0)

Date: 7.JUL.2014 21:15:32

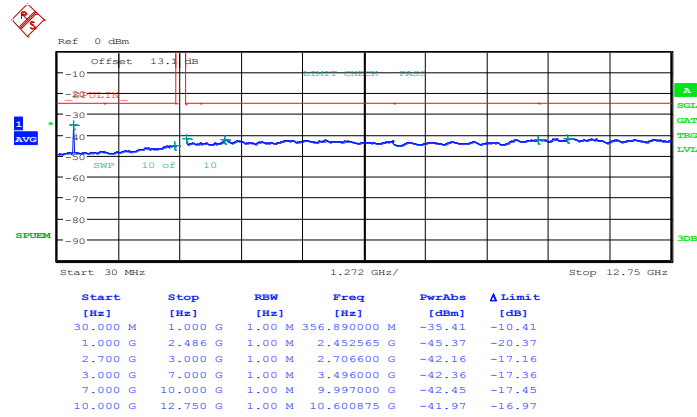
16QAM (RB Size 1, RB Offset 0)

Date: 7.JUL.2014 21:16:57



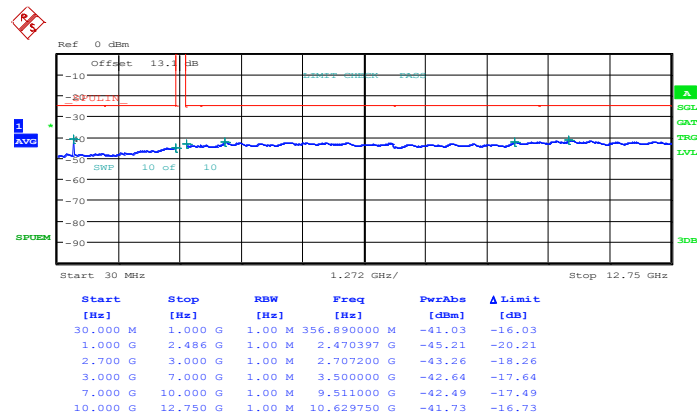
Band :	LTE Band 41	Channel :	CH39750 (Low)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 7.JUL.2014 20:50:16

16QAM (RB Size 1, RB Offset 0)

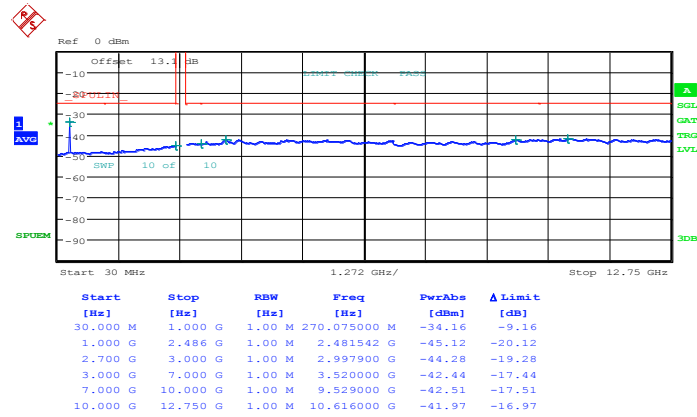


Date: 7.JUL.2014 20:50:49



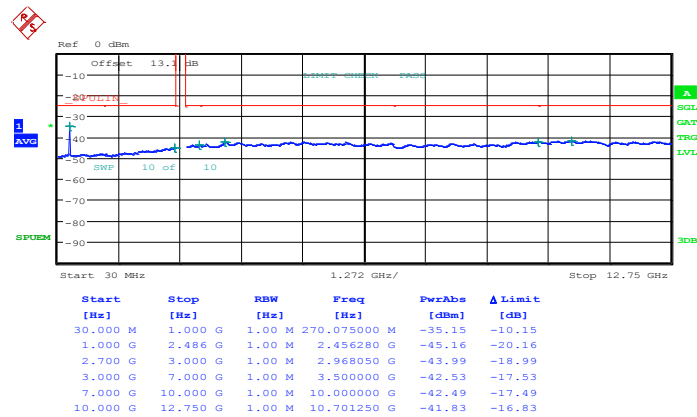
Band :	LTE Band 41	Channel :	CH40620 (Middle)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 7.JUL.2014 20:53:15

16QAM (RB Size 1, RB Offset 0)

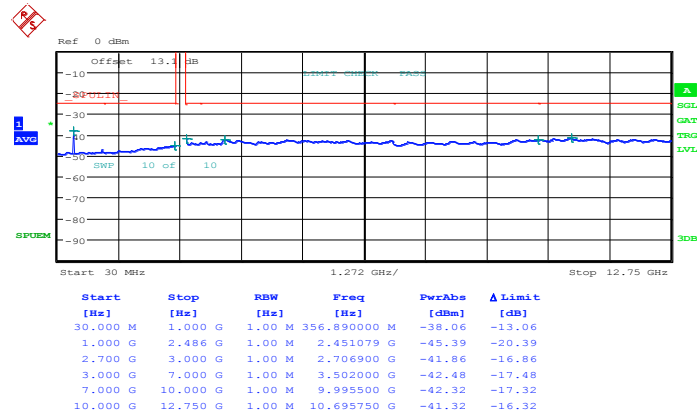


Date: 7.JUL.2014 20:52:16



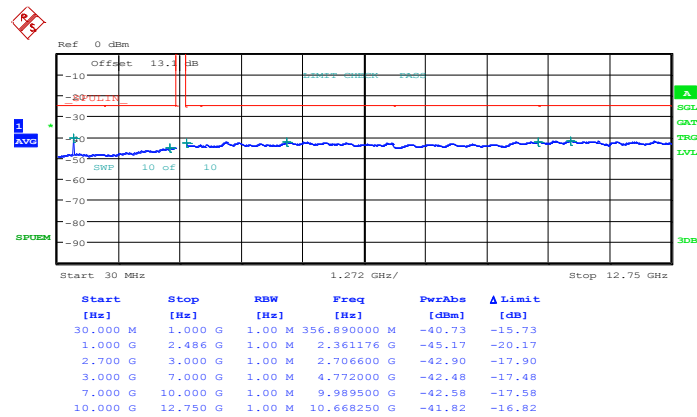
Band :	LTE Band 41	Channel :	CH41490 (High)
Band Width :	20MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 7.JUL.2014 20:55:09

16QAM (RB Size 1, RB Offset 0)



Date: 7.JUL.2014 20:55:33



3.7 Radiated Spurious Emission Measurement

3.7.1 Description of Radiated Spurious Emission

For Band 2/5/25/26

The radiated spurious emission was measured by substitution method according to ANSI / TIA / EIA-603-C-2004. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For Band 41

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

For LTE Band 12,17

For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

3.7.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.7.3 Test Procedures

1. The testing follows FCC KDB 971168 v02r01 Section 5.8 and ANSI / TIA-603-C-2004 Section 2.2.12.
2. The EUT was placed on a rotatable wooden table with 0.8 meter above ground.
3. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
7. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
8. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
9. Taking the record of output power at antenna port.
10. Repeat step 7 to step 8 for another polarization.
11. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

= $P(W) - [43 + 10\log(P)]$ (dB)

= $[30 + 10\log(P)]$ (dBm) - $[43 + 10\log(P)]$ (dB)

= -13dBm.

For Band 41

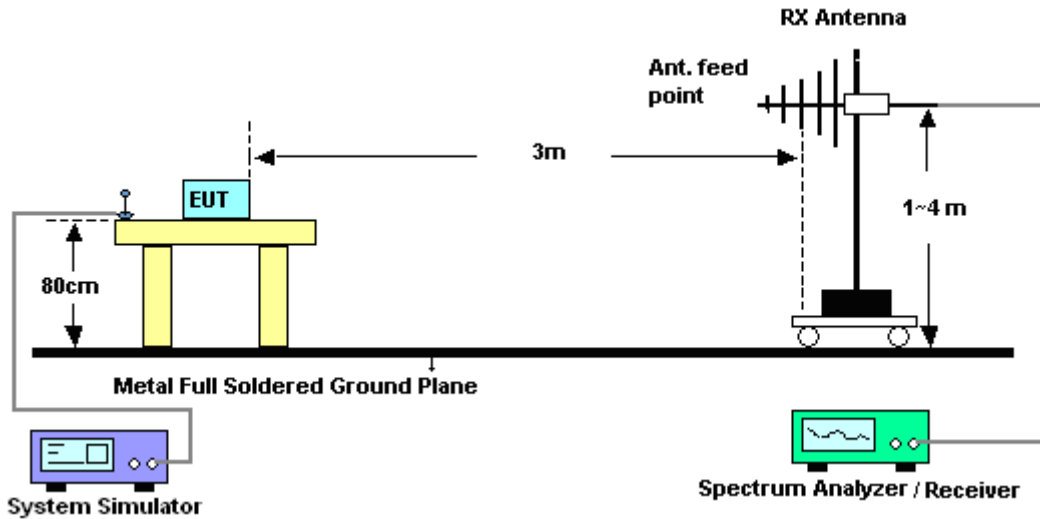
The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)

12. EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain

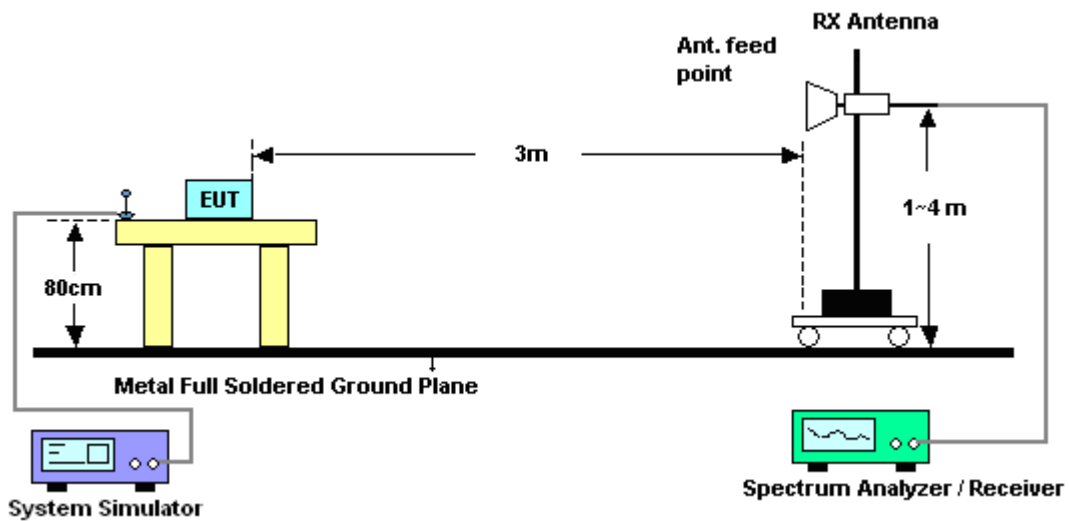
13. ERP (dBm) = EIRP - 2.15

3.7.4 Test Setup

For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





3.7.5 Test Result of Field Strength of Spurious Radiated

<Low Channel>

Band :	LTE Band 5					Temperature :	23~25°C		
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Horizontal		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1648	-56.95	-13	-43.95	-65.69	-60.84	1.61	5.50	H	Pass
2472	-54.31	-13	-41.31	-67.53	-58.46	2.09	6.24	H	Pass
3296	-54.27	-13	-41.27	-68.29	-59.28	3.08	8.09	H	Pass

Band :	LTE Band 5				Temperature :	23~25°C			
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0				Relative Humidity :	44~48%			
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu				Polarization :	Vertical			
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1648	-55.33	-13	-42.33	-66.36	-59.22	1.61	5.50	V	Pass
2472	-53.71	-13	-40.71	-67.28	-57.86	2.09	6.24	V	Pass
3296	-52.99	-13	-39.99	-68.6	-58	3.08	8.09	V	Pass

**<Middle Channel>**

Band :	LTE Band 5					Temperature :	23~25°C		
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Horizontal		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1672	-57.55	-13	-44.55	-66.51	-61.42	1.62	5.49	H	Pass
2504	-43.35	-13	-30.35	-56.6	-47.47	2.1	6.22	H	Pass
3344	-54.15	-13	-41.15	-68.18	-59.19	3.03	8.07	H	Pass

Band :	LTE Band 5				Temperature :	23~25°C			
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0				Relative Humidity :	44~48%			
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu				Polarization :	Vertical			
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1672	-55.84	-13	-42.84	-66.96	-59.71	1.62	5.49	V	Pass
2504	-53.74	-13	-40.74	-67.27	-57.86	2.1	6.22	V	Pass
3344	-52.48	-13	-39.48	-68.06	-57.52	3.03	8.07	V	Pass



<High Channel>

Band :	LTE Band 5					Temperature :	23~25°C		
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Horizontal		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1696	-58.39	-13	-45.39	-67.48	-62.28	1.58	5.47	H	Pass
2544	-54.25	-13	-41.25	-67.51	-58.53	2.03	6.31	H	Pass
3392	-53.44	-13	-40.44	-67.64	-59.36	2.31	8.23	H	Pass

Band :	LTE Band 5					Temperature :	23~25°C		
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Vertical		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1696	-56.16	-13	-43.16	-67.46	-60.05	1.58	5.47	V	Pass
2544	-54.15	-13	-41.15	-68.08	-58.43	2.03	6.31	V	Pass
3392	-52.63	-13	-39.63	-68.17	-58.55	2.31	8.23	V	Pass

**<Low Channel>**

Band :	LTE Band 5					Temperature :	23~25°C		
Test Mode :	3MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Horizontal		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1648	-57.67	-13	-44.67	-66.48	-61.56	1.6	5.49	H	Pass
2472	-54.33	-13	-41.33	-67.51	-58.51	2.08	6.26	H	Pass
3296	-54.62	-13	-41.62	-68.61	-59.64	3.09	8.11	H	Pass

Band :	LTE Band 5					Temperature :	23~25°C		
Test Mode :	3MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Vertical		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1648	-55.95	-13	-42.95	-66.94	-59.84	1.6	5.49	V	Pass
2472	-53.64	-13	-40.64	-67.35	-57.82	2.08	6.26	V	Pass
3296	-52.96	-13	-39.96	-68.51	-57.98	3.09	8.11	V	Pass

**<Middle Channel>**

Band :	LTE Band 5					Temperature :	23~25°C		
Test Mode :	3MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Horizontal		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1672	-57.02	-13	-44.02	-65.93	-60.89	1.62	5.49	H	Pass
2504	-53.80	-13	-40.80	-67.06	-57.92	2.1	6.22	H	Pass
3344	-53.72	-13	-40.72	-67.88	-58.76	3.03	8.07	H	Pass

Band :	LTE Band 5				Temperature :	23~25°C			
Test Mode :	3MHz QPSK RB Size 1 Offset 0				Relative Humidity :	44~48%			
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu				Polarization :	Vertical			
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1672	-54.80	-13	-41.80	-66.09	-58.67	1.62	5.49	V	Pass
2504	-53.57	-13	-40.57	-67.29	-57.69	2.1	6.22	V	Pass
3344	-53.27	-13	-40.27	-68.9	-58.31	3.03	8.07	V	Pass

**<High Channel>**

Band :	LTE Band 5				Temperature :	23~25°C			
Test Mode :	3MHz QPSK RB Size 1 Offset 0				Relative Humidity :	44~48%			
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu				Polarization :	Horizontal			
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1688	-57.55	-13	-44.55	-66.5	-61.44	1.56	5.45	H	Pass
2536	-53.12	-13	-40.12	-66.44	-57.38	2.02	6.28	H	Pass
3376	-53.74	-13	-40.74	-67.92	-59.64	2.29	8.19	H	Pass

Band :	LTE Band 5				Temperature :	23~25°C			
Test Mode :	3MHz QPSK RB Size 1 Offset 0				Relative Humidity :	44~48%			
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu				Polarization :	Vertical			
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1688	-55.65	-13	-42.65	-66.85	-59.54	1.56	5.45	V	Pass
2536	-53.50	-13	-40.50	-67.26	-57.76	2.02	6.28	V	Pass
3376	-51.96	-13	-38.96	-67.51	-57.86	2.29	8.19	V	Pass

**<Low Channel>**

Band :	LTE Band 5					Temperature :	23~25°C		
Test Mode :	5MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Horizontal		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1648	-58.05	-13	-45.05	-66.83	-61.95	1.61	5.51	H	Pass
2472	-50.46	-13	-37.46	-63.62	-54.62	2.1	6.26	H	Pass
3296	-55.11	-13	-42.11	-69.12	-60.11	3.12	8.12	H	Pass

Band :	LTE Band 5					Temperature :	23~25°C		
Test Mode :	5MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Vertical		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1648	-55.42	-13	-42.42	-66.42	-59.32	1.61	5.51	V	Pass
2472	-53.61	-13	-40.61	-67.23	-57.77	2.1	6.26	V	Pass
3296	-53.02	-13	-40.02	-68.62	-58.02	3.12	8.12	V	Pass

**<Middle Channel>**

Band :	LTE Band 5				Temperature :	23~25°C			
Test Mode :	5MHz QPSK RB Size 1 Offset 0				Relative Humidity :	44~48%			
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu				Polarization :	Horizontal			
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1672	-58.56	-13	-45.56	-67.46	-62.43	1.62	5.49	H	Pass
2504	-44.67	-13	-31.67	-57.92	-48.79	2.1	6.22	H	Pass
3336	-55.04	-13	-42.04	-69.15	-60.08	3.03	8.07	H	Pass

Band :	LTE Band 5					Temperature :	23~25°C		
Test Mode :	5MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Vertical		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1672	-56.26	-13	-43.26	-67.55	-60.13	1.62	5.49	V	Pass
2504	-54.65	-13	-41.65	-68.26	-58.77	2.1	6.22	V	Pass
3336	-53.37	-13	-40.37	-68.87	-58.41	3.03	8.07	V	Pass

**<High Channel>**

Band :	LTE Band 5					Temperature :	23~25°C		
Test Mode :	5MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Horizontal		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1688	-58.08	-13	-45.08	-66.99	-61.98	1.54	5.44	H	Pass
2536	-53.15	-13	-40.15	-66.46	-57.41	2.01	6.27	H	Pass
3376	-54.07	-13	-41.07	-68.22	-60.07	2.18	8.18	H	Pass

Band :	LTE Band 5					Temperature :	23~25°C		
Test Mode :	5MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Vertical		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1688	-55.87	-13	-42.87	-67.04	-59.77	1.54	5.44	V	Pass
2536	-54.48	-13	-41.48	-68.21	-58.74	2.01	6.27	V	Pass
3376	-52.33	-13	-39.33	-67.91	-58.33	2.18	8.18	V	Pass

**<Low Channel>**

Band :	LTE Band 5					Temperature :	23~25°C		
Test Mode :	10MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Horizontal		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1648	-57.83	-13	-44.83	-66.53	-61.78	1.63	5.58	H	Pass
2472	-52.14	-13	-39.14	-65.33	-56.24	2.21	6.31	H	Pass
3296	-53.84	-13	-40.84	-67.83	-58.87	3.1	8.13	H	Pass

Band :	LTE Band 5					Temperature :	23~25°C		
Test Mode :	10MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Vertical		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1648	-56.21	-13	-43.21	-67.14	-60.16	1.63	5.58	V	Pass
2472	-54.39	-13	-41.39	-68.13	-58.49	2.21	6.31	V	Pass
3296	-53.12	-13	-40.12	-68.66	-58.15	3.1	8.13	V	Pass

**<Middle Channel>**

Band :	LTE Band 5					Temperature :	23~25°C		
Test Mode :	10MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Horizontal		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1664	-58.54	-13	-45.54	-67.39	-62.41	1.62	5.49	H	Pass
2496	-54.14	-13	-41.14	-67.41	-58.26	2.1	6.22	H	Pass
3328	-53.45	-13	-40.45	-68.56	-58.49	3.03	8.07	H	Pass

Band :	LTE Band 5					Temperature :	23~25°C		
Test Mode :	10MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Vertical		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1664	-55.81	-13	-42.81	-66.99	-59.68	1.62	5.49	V	Pass
2496	-51.99	-13	-38.99	-65.58	-56.11	2.1	6.22	V	Pass
3328	-53.33	-13	-40.33	-68.99	-58.37	3.03	8.07	V	Pass

**<High Channel>**

Band :	LTE Band 5					Temperature :	23~25°C		
Test Mode :	10MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Horizontal		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1680	-57.79	-13	-44.79	-66.81	-61.69	1.52	5.42	H	Pass
2520	-50.60	-13	-37.60	-63.94	-54.86	1.99	6.25	H	Pass
3360	-54.89	-13	-41.89	-69.02	-60.89	2.14	8.14	H	Pass

Band :	LTE Band 5					Temperature :	23~25°C		
Test Mode :	10MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Vertical		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1680	-55.83	-13	-42.83	-67.04	-59.73	1.52	5.42	V	Pass
2520	-54.35	-13	-41.35	-67.96	-58.61	1.99	6.25	V	Pass
3360	-52.82	-13	-39.82	-68.41	-58.82	2.14	8.14	V	Pass



<Low Channel>

Band :	LTE Band 26					Temperature :	23~25°C		
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Horizontal		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1648	-58.21	-13	-45.21	-67	-62.1	1.61	5.50	H	Pass
2472	-54.95	-13	-41.95	-67.8	-59.1	2.09	6.24	H	Pass
3296	-54.79	-13	-41.79	-68.69	-59.8	3.08	8.09	H	Pass

Band :	LTE Band 26					Temperature :	23~25°C		
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Vertical		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1648	-56.21	-13	-43.21	-67.04	-60.1	1.61	5.50	V	Pass
2472	-54.05	-13	-41.05	-68.37	-58.2	2.09	6.24	V	Pass
3296	-52.19	-13	-39.19	-67.54	-57.2	3.08	8.09	V	Pass



<Middle Channel>

Band :	LTE Band 26				Temperature :	23~25°C			
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0				Relative Humidity :	44~48%			
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu				Polarization :	Horizontal			
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1672	-57.45	-13	-44.45	-66.21	-61.3	1.63	5.48	H	Pass
2507	-46.39	-13	-33.39	-59.97	-50.5	2.1	6.21	H	Pass
3343	-54.48	-13	-41.48	-68.23	-59.5	3.04	8.06	H	Pass

Band :	LTE Band 26	Temperature :	23~25°C						
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%						
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu	Polarization :	Vertical						
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1672	-54.75	-13	-41.75	-65.63	-58.6	1.63	5.48	V	Pass
2507	-54.09	-13	-41.09	-67.59	-58.2	2.1	6.21	V	Pass
3343	-52.78	-13	-39.78	-67.93	-57.8	3.04	8.06	V	Pass



<High Channel>

Band :	LTE Band 26					Temperature :	23~25°C		
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Horizontal		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1695	-57.71	-13	-44.71	-66.69	-61.6	1.58	5.47	H	Pass
2543	-53.62	-13	-40.62	-66.91	-57.9	2.03	6.31	H	Pass
3390	-53.38	-13	-40.38	-67.43	-59.3	2.31	8.23	H	Pass

Band :	LTE Band 26					Temperature :	23~25°C		
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Vertical		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1695	-56.21	-13	-43.21	-67.01	-60.1	1.58	5.47	V	Pass
2543	-53.72	-13	-40.72	-67.4	-58	2.03	6.31	V	Pass
3390	-53.08	-13	-40.08	-68.18	-59	2.31	8.23	V	Pass

**<Low Channel>**

Band :	LTE Band 26					Temperature :	23~25°C		
Test Mode :	3MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Horizontal		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1648	-58.21	-13	-45.21	-66.82	-62.1	1.6	5.49	H	Pass
2472	-54.32	-13	-41.32	-67.39	-58.5	2.08	6.26	H	Pass
3296	-54.28	-13	-41.28	-67.99	-59.3	3.09	8.11	H	Pass

Band :	LTE Band 26				Temperature :	23~25°C			
Test Mode :	3MHz QPSK RB Size 1 Offset 0				Relative Humidity :	44~48%			
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu				Polarization :	Vertical			
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gain (dBi)	(H/V)	
1648	-56.01	-13	-43.01	-66.93	-59.9	1.6	5.49	V	Pass
2472	-53.92	-13	-40.92	-67.52	-58.1	2.08	6.26	V	Pass
3296	-51.58	-13	-38.58	-66.93	-56.6	3.09	8.11	V	Pass

**<Middle Channel>**

Band :	LTE Band 26					Temperature :	23~25°C		
Test Mode :	3MHz QPSK RB Size 1 Offset 0					Relative Humidity :	44~48%		
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu					Polarization :	Horizontal		
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
(MHz)	(dBm)	(dBm)	Limit	Reading	Power	loss	Gain	(H/V)	
(dB)			(dB)	(dBm)	(dBm)	(dB)	(dBi)		
1670	-58.25	-13	-45.25	-67.09	-62.1	1.63	5.48	H	Pass
2505	-54.39	-13	-41.39	67.3	-58.5	2.1	6.21	H	Pass
3340	-54.08	-13	-41.08	-67.96	-59.1	3.04	8.06	H	Pass

Band :	LTE Band 26				Temperature :	23~25°C			
Test Mode :	3MHz QPSK RB Size 1 Offset 0				Relative Humidity :	44~48%			
Test Engineer :	Kai Wang, Stan Hsieh, and Ken Wu				Polarization :	Vertical			
Remark :	Spurious emissions within 30-10th harmonic were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1670	-56.25	-13	-43.25	-66.98	-60.1	1.63	5.48	V	Pass
2505	-53.69	-13	-40.69	-66.88	-57.8	2.1	6.21	V	Pass
3340	-52.68	-13	-39.68	-68.04	-57.7	3.04	8.06	V	Pass