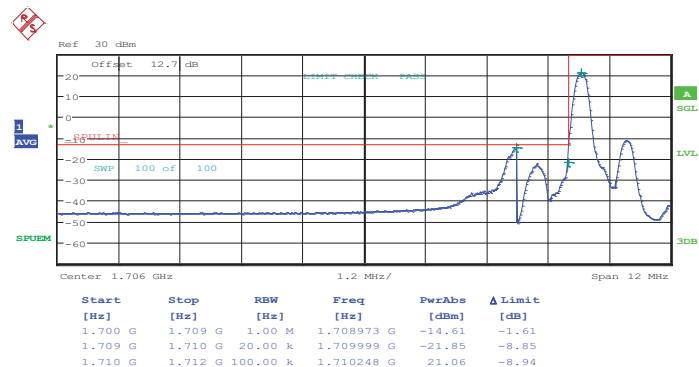




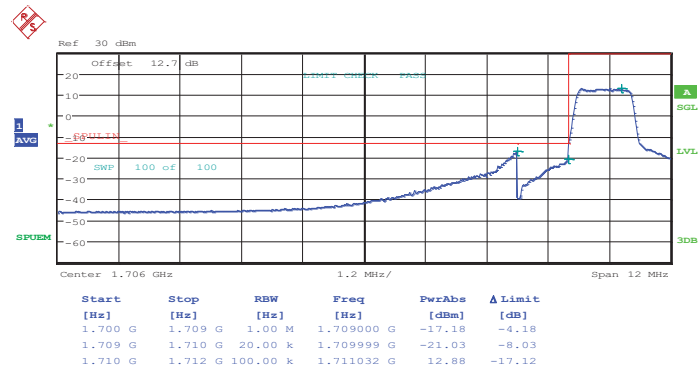
Band :	LTE Band 4	Band Width :	1.4MHz / QPSK
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Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Date: 11.APR.2014 18:55:41

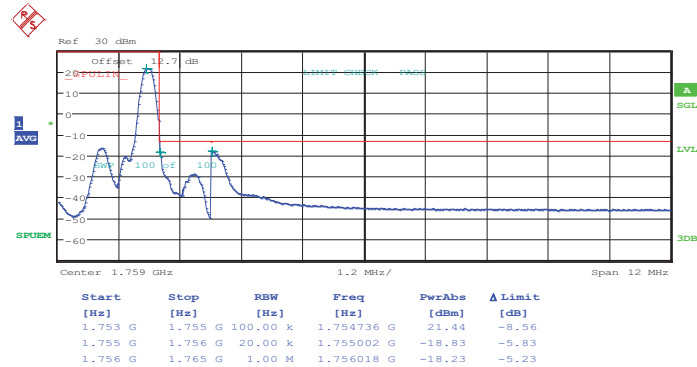
Lower Band Edge Plot for QPSK-RB Size 6, RB Offset 0



Date: 11.APR.2014 18:57:15

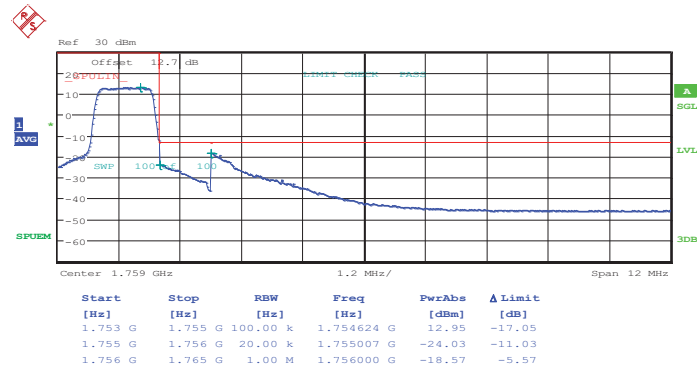


Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 5



Date: 11.APR.2014 19:05:00

Higher Band Edge Plot for QPSK-RB Size 6, RB Offset 0

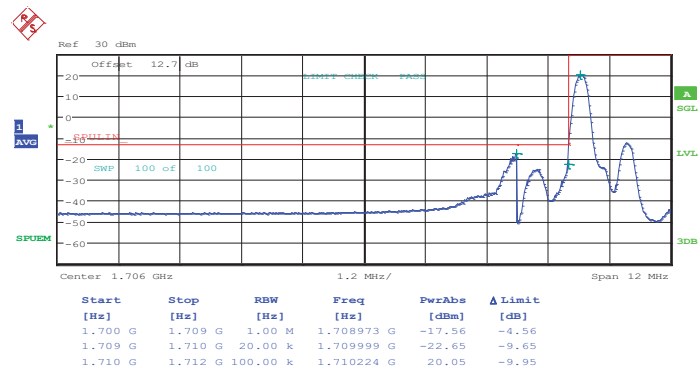


Date: 11.APR.2014 19:06:34



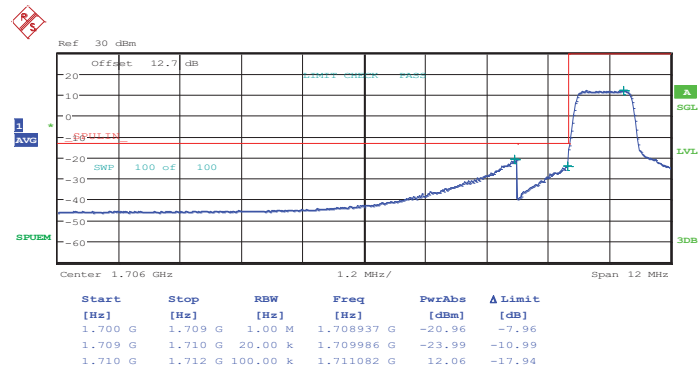
Band :	LTE Band 4	Band Width :	1.4MHz / 16QAM
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Lower Band Edge Plot for 16QAM -RB Size 1, RB Offset 0



Date: 11.APR.2014 18:56:28

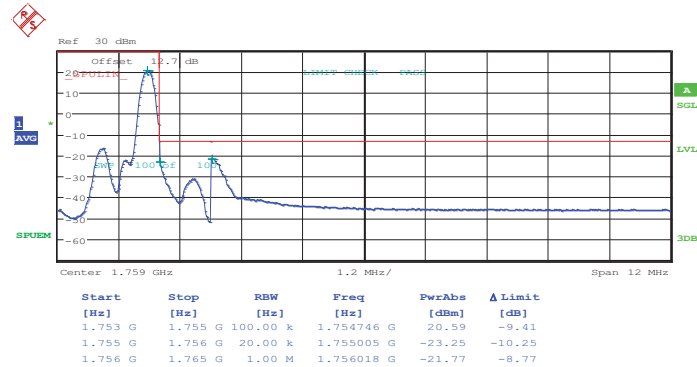
Lower Band Edge Plot for 16QAM-RB Size 6, RB Offset 0



Date: 11.APR.2014 18:58:01

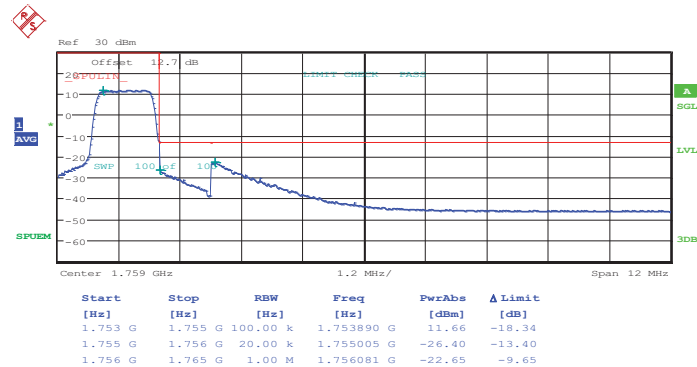


Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 5



Date: 11.APR.2014 19:05:47

Higher Band Edge Plot for 16QAM-RB Size 6, RB Offset 0

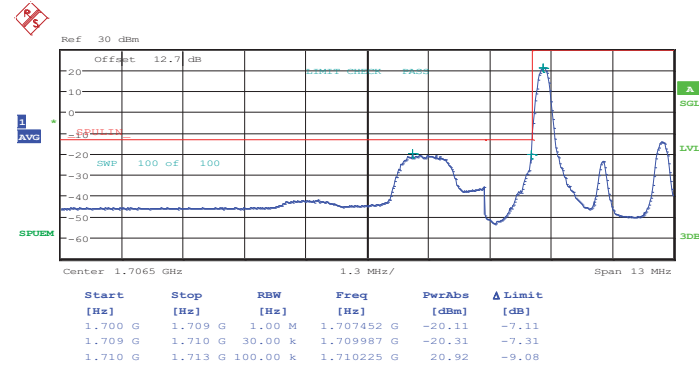


Date: 11.APR.2014 19:07:20



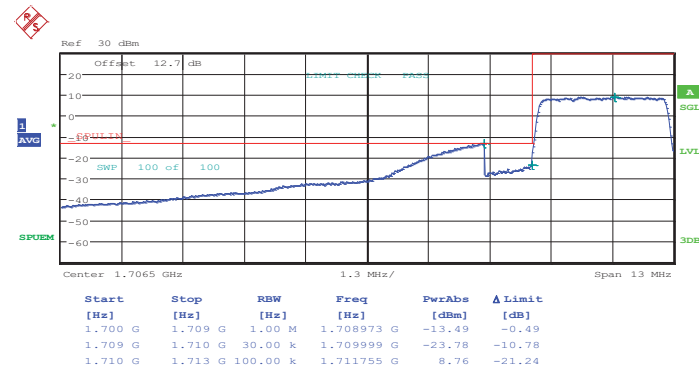
Band :	LTE Band 4	Band Width :	3MHz / QPSK
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Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Date: 11.APR.2014 19:16:02

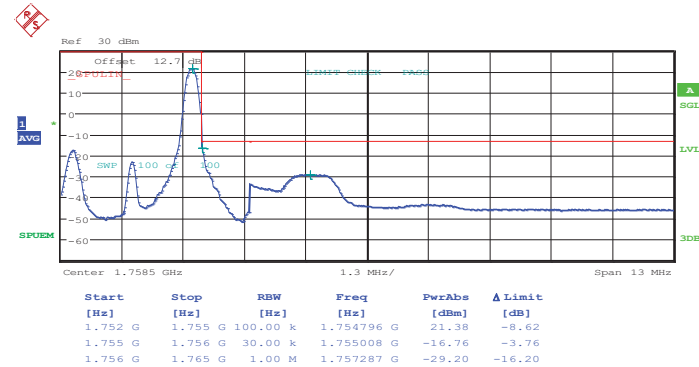
Lower Band Edge Plot for QPSK-RB Size 15, RB Offset 0



Date: 11.APR.2014 19:17:40

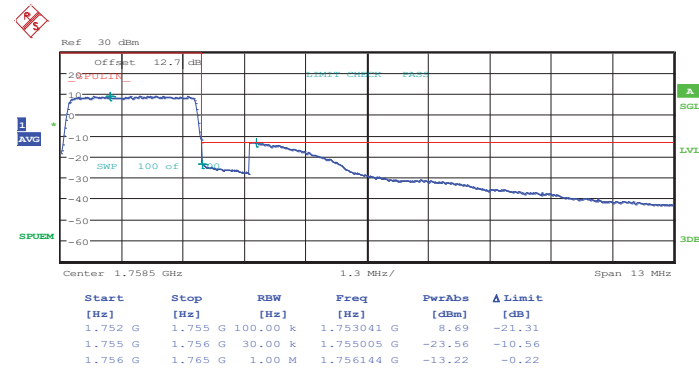


Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 14



Date: 11.APR.2014 19:25:25

Higher Band Edge Plot for QPSK-RB Size 15, RB Offset 0

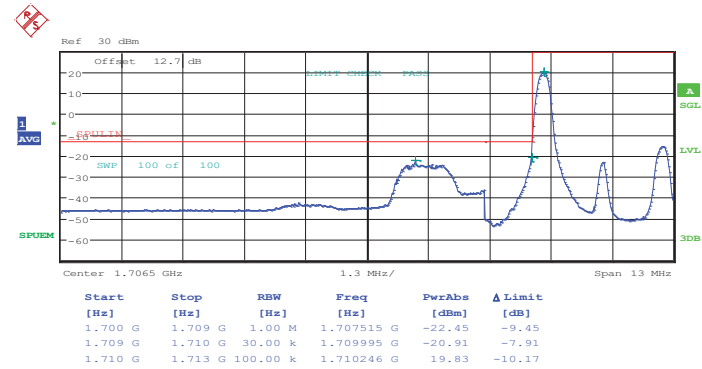


Date: 11.APR.2014 19:26:59



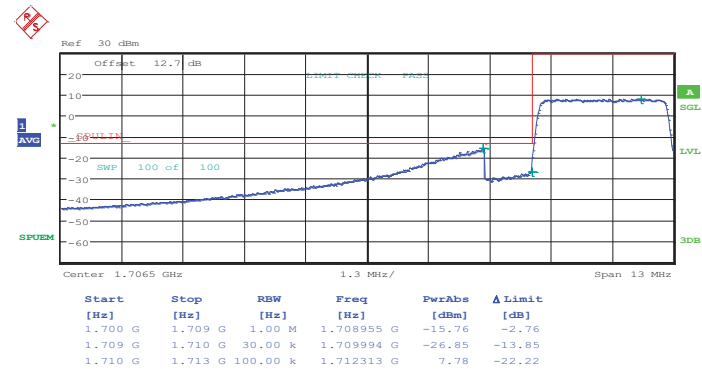
Band :	LTE Band 4	Band Width :	3MHz / 16QAM
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Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



Date: 11.APR.2014 19:16:49

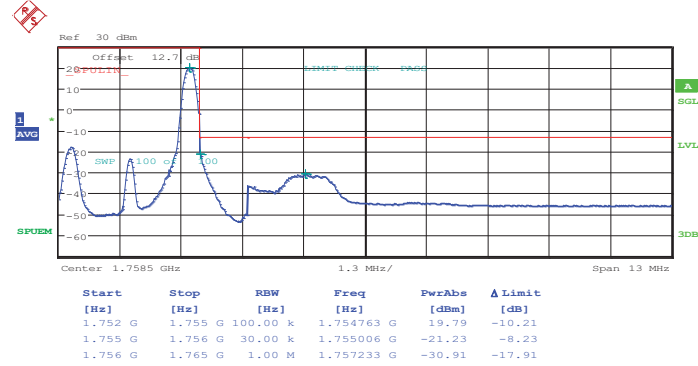
Lower Band Edge Plot for 16QAM-RB Size 15, RB Offset 0



Date: 11.APR.2014 19:18:27

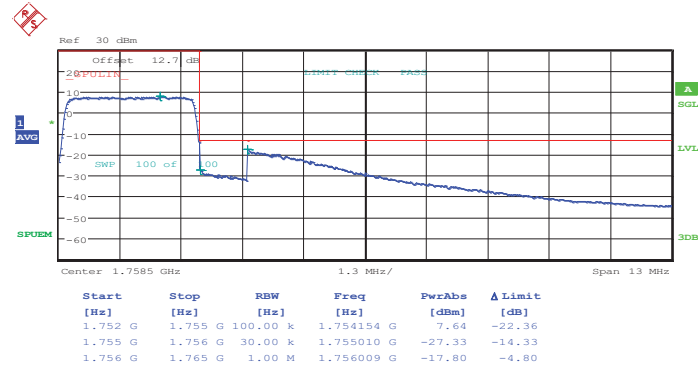


Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 14



Date: 11.APR.2014 19:26:12

Higher Band Edge Plot for 16QAM-RB Size 15, RB Offset 0

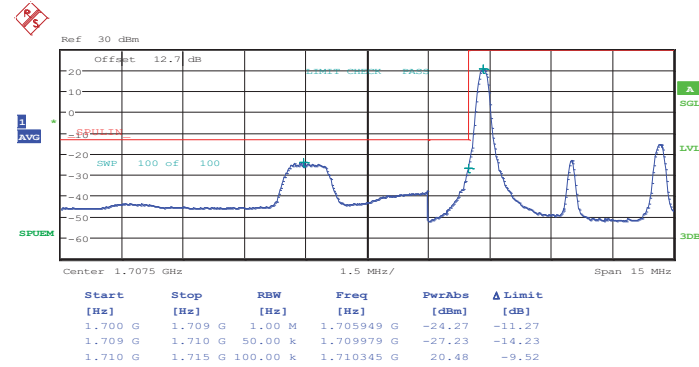


Date: 11.APR.2014 19:27:45



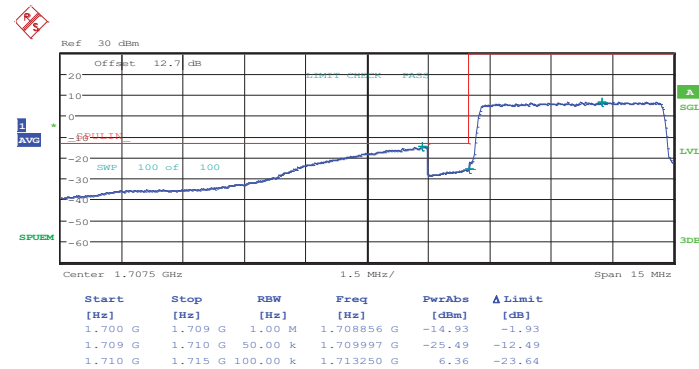
Band :	LTE Band 4	Band Width :	5MHz / QPSK
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Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Date: 11.APR.2014 19:36:03

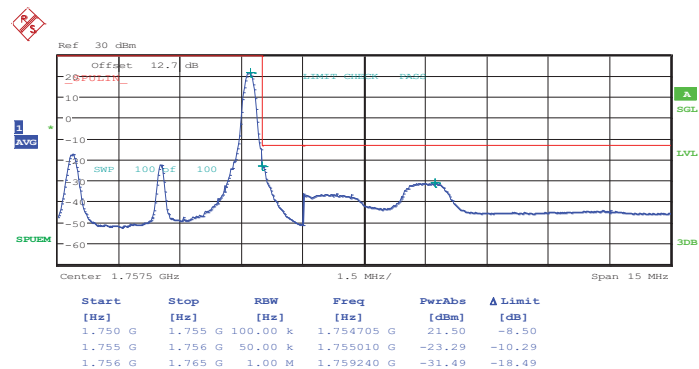
Lower Band Edge Plot for QPSK-RB Size 25, RB Offset 0



Date: 11.APR.2014 19:37:37

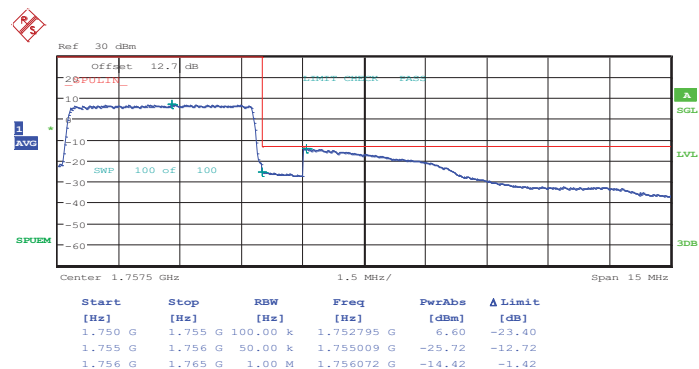


Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 24



Date: 11.APR.2014 19:45:22

Higher Band Edge Plot for QPSK-RB Size 25, RB Offset 0

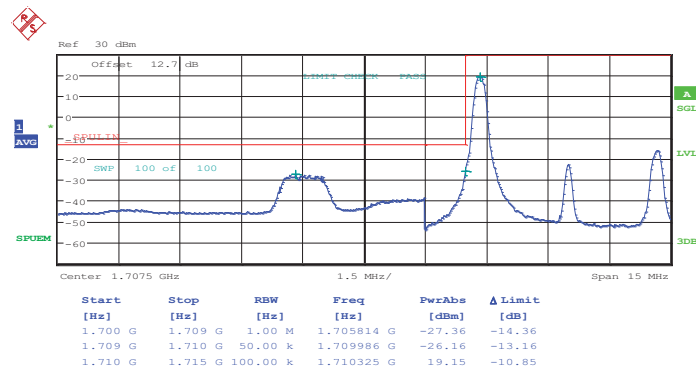


Date: 11.APR.2014 19:46:55



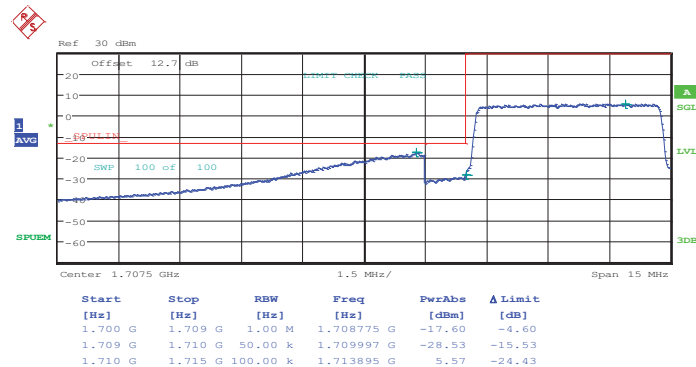
Band :	LTE Band 4	Band Width :	5MHz / 16QAM
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Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



Date: 11.APR.2014 19:36:50

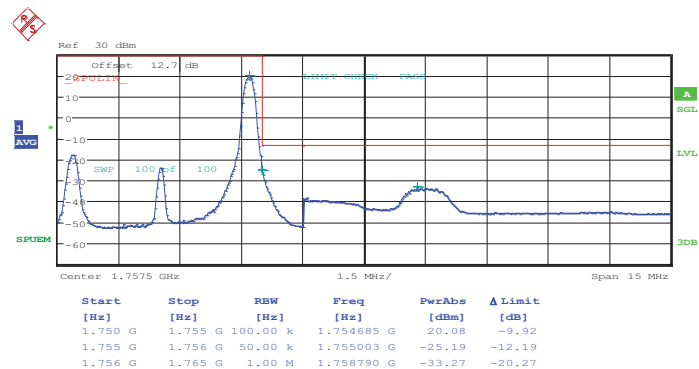
Lower Band Edge Plot for 16QAM-RB Size 25, RB Offset 0



Date: 11.APR.2014 19:38:23

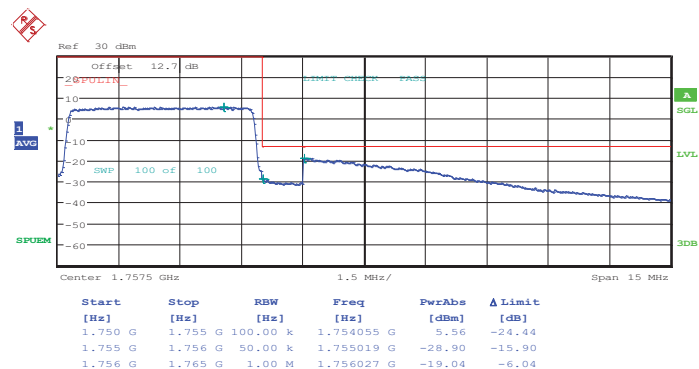


Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 24



Date: 11.APR.2014 19:46:08

Higher Band Edge Plot for 16QAM-RB Size 25, RB Offset 0

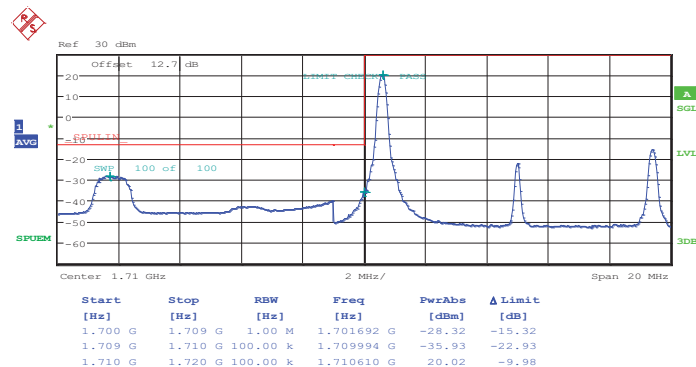


Date: 11.APR.2014 19:47:42



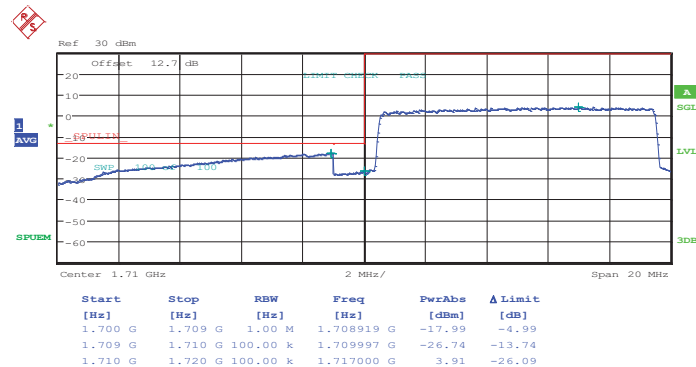
Band :	LTE Band 4	Band Width :	10MHz / QPSK
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Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Date: 11.APR.2014 19:51:51

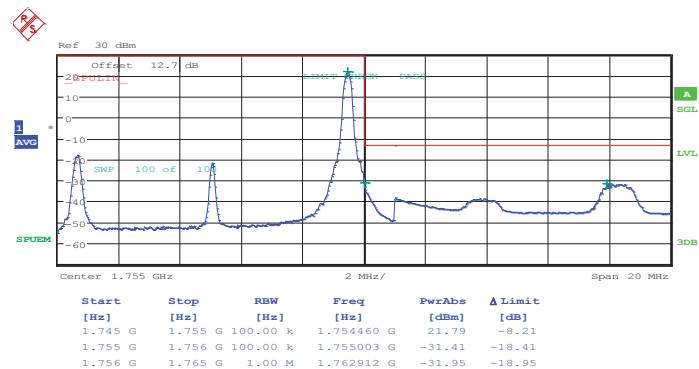
Lower Band Edge Plot for QPSK-RB Size 50, RB Offset 0



Date: 11.APR.2014 19:53:25

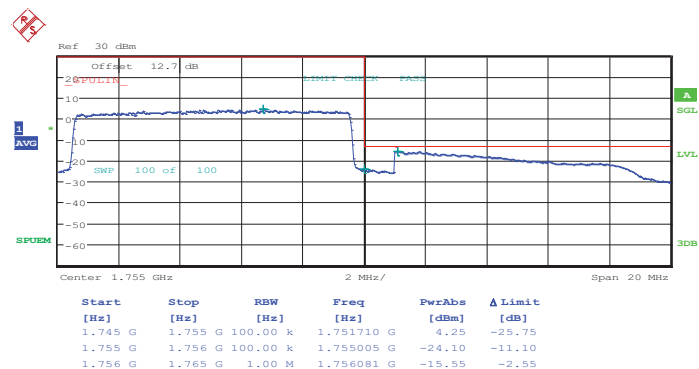


Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 49



Date: 11.APR.2014 20:01:10

Higher Band Edge Plot for QPSK-RB Size 50, RB Offset 0

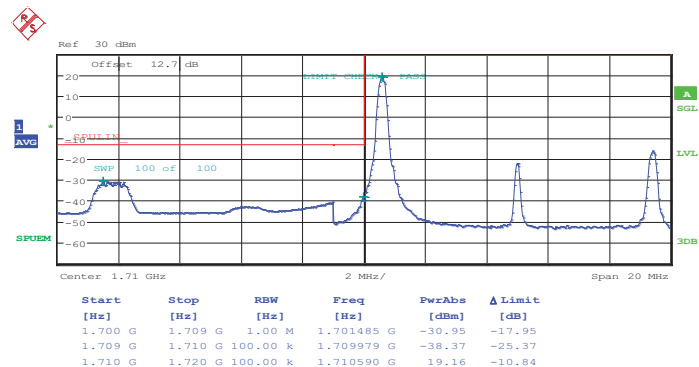


Date: 11.APR.2014 20:02:43



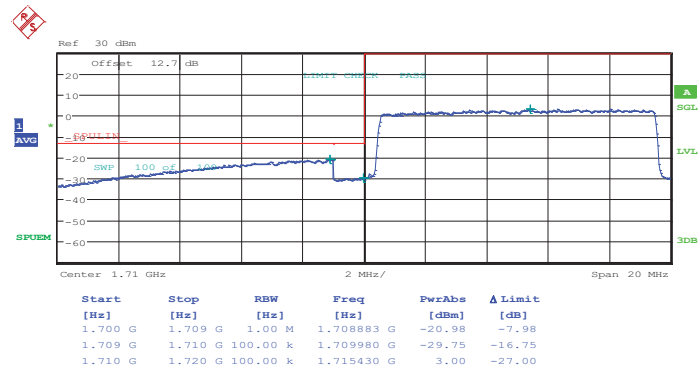
Band :	LTE Band 4	Band Width :	10MHz / 16QAM
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Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



Date: 11.APR.2014 19:52:38

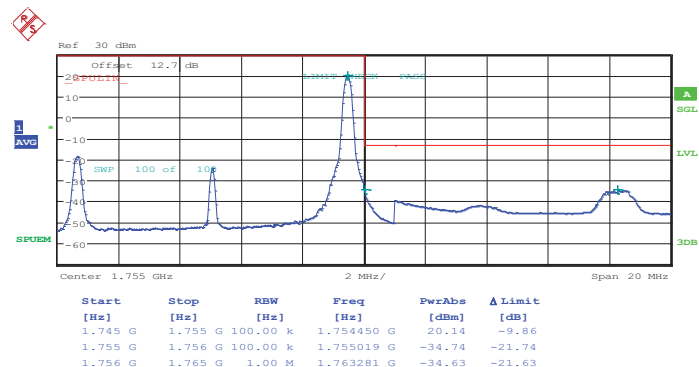
Lower Band Edge Plot for 16QAM-RB Size 50, RB Offset 0



Date: 11.APR.2014 19:54:11

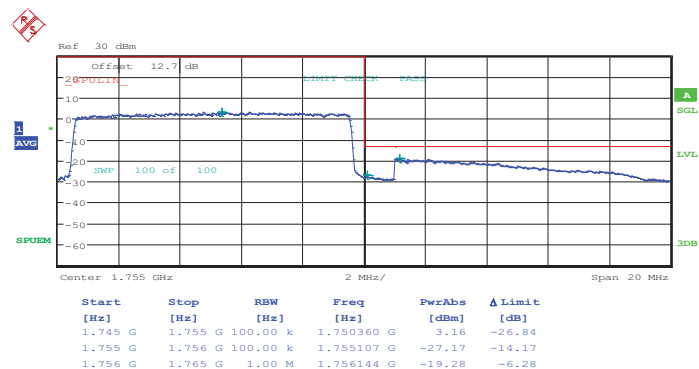


Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 49



Date: 11.APR.2014 20:01:56

Higher Band Edge Plot for 16QAM-RB Size 50, RB Offset 0

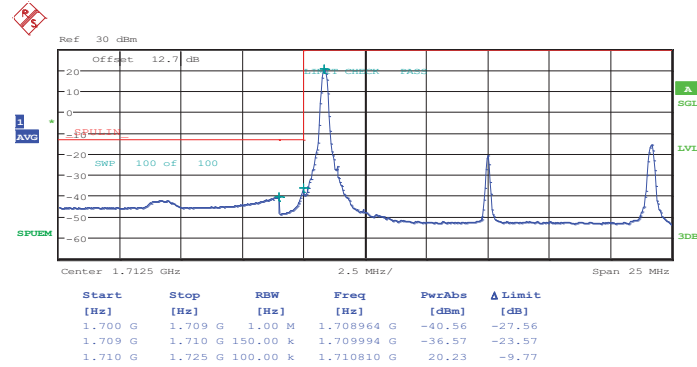


Date: 11.APR.2014 20:03:30



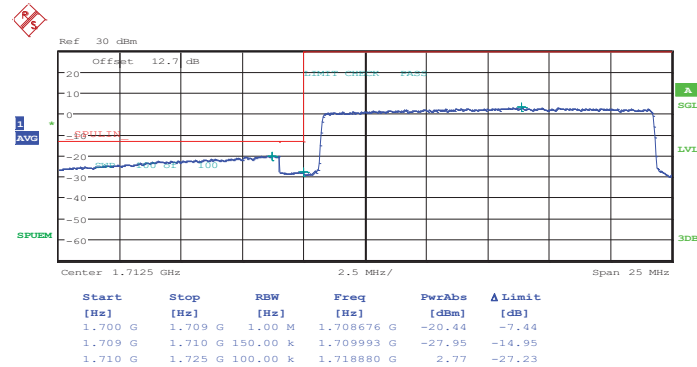
Band :	LTE Band 4	Band Width :	15MHz / QPSK
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Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Date: 11.APR.2014 20:08:23

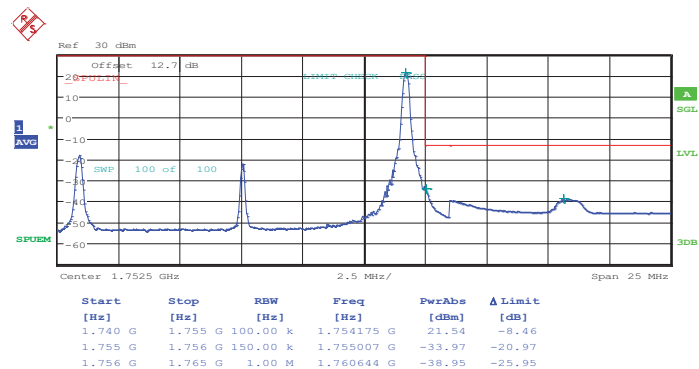
Lower Band Edge Plot for QPSK-RB Size 75, RB Offset 0



Date: 11.APR.2014 20:09:57

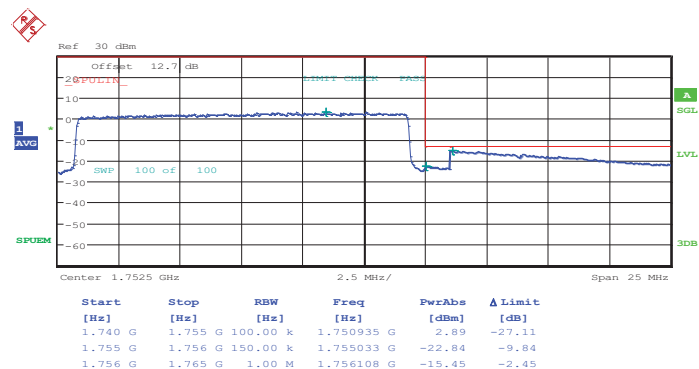


Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 74



Date: 11.APR.2014 20:17:42

Higher Band Edge Plot for QPSK-RB Size 75, RB Offset 0

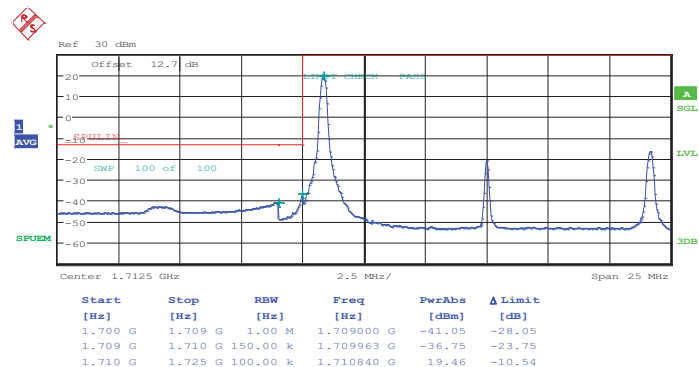


Date: 11.APR.2014 20:19:16



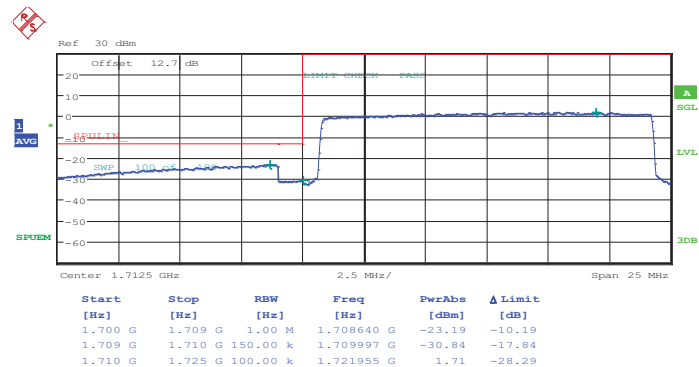
Band :	LTE Band 4	Band Width :	15MHz / 16QAM
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Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



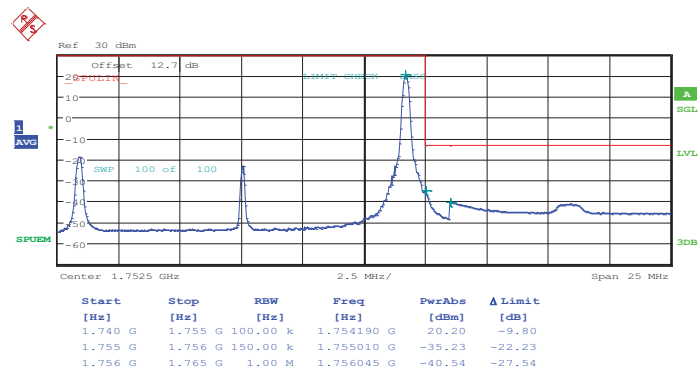
Date: 11.APR.2014 20:09:10

Lower Band Edge Plot for 16QAM-RB Size 75, RB Offset 0



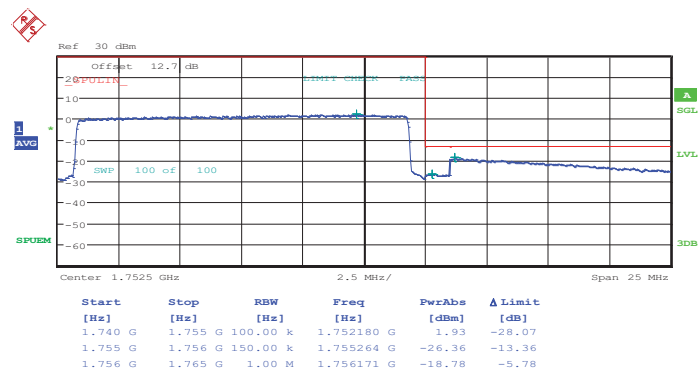
Date: 11.APR.2014 20:10:43

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 74



Date: 11.APR.2014 20:18:29

Higher Band Edge Plot for 16QAM-RB Size 75, RB Offset 0

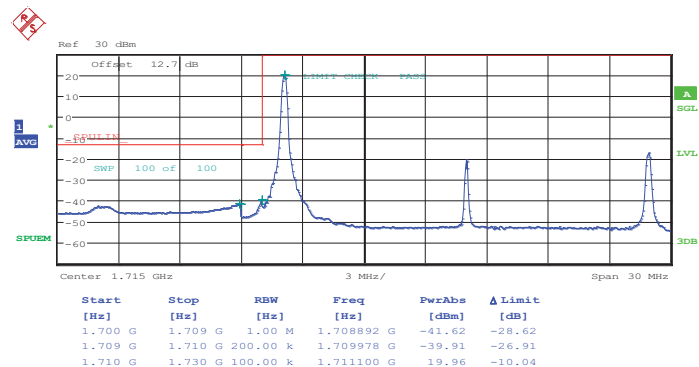


Date: 11.APR.2014 20:20:02



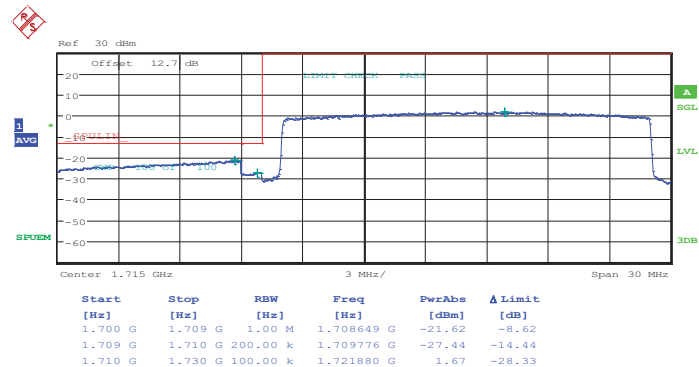
Band :	LTE Band 4	Band Width :	20MHz / QPSK
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Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Date: 11.APR.2014 20:26:53

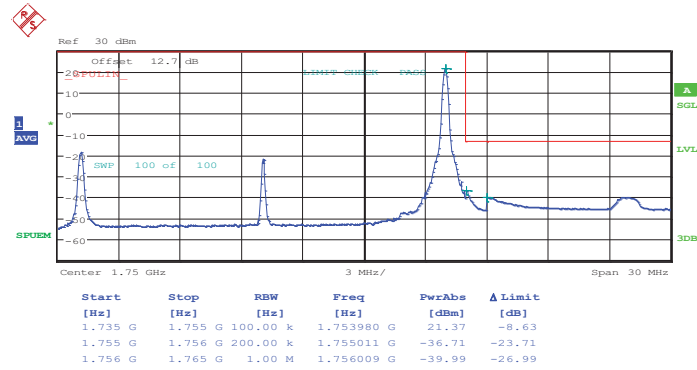
Lower Band Edge Plot for QPSK-RB Size 100, RB Offset 0



Date: 11.APR.2014 20:28:27

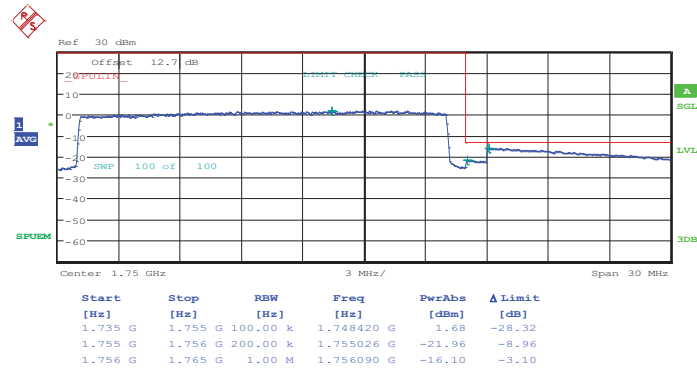


Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 99



Date: 11.APR.2014 20:36:12

Higher Band Edge Plot for QPSK-RB Size 100, RB Offset 0

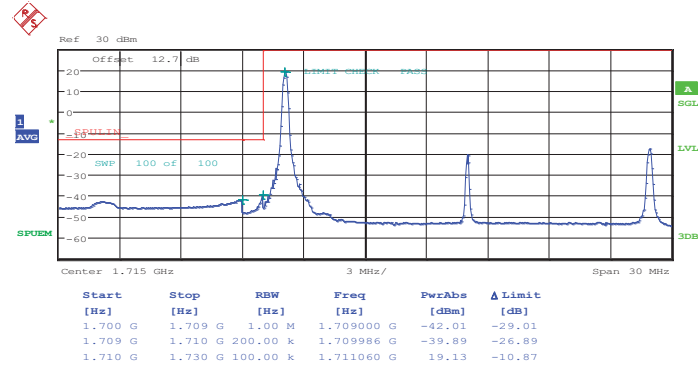


Date: 11.APR.2014 20:37:46



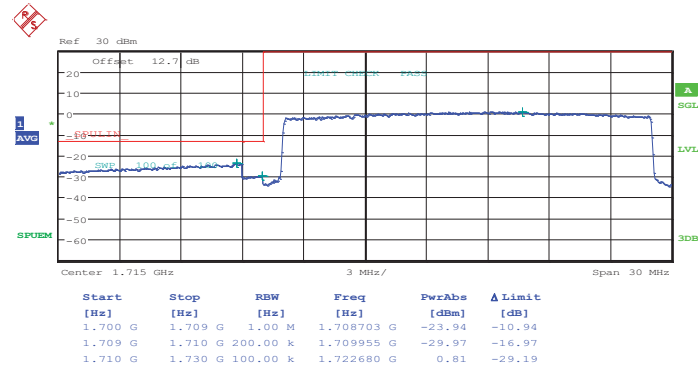
Band :	LTE Band 4	Band Width :	20MHz / 16QAM
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Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



Date: 11.APR.2014 20:27:40

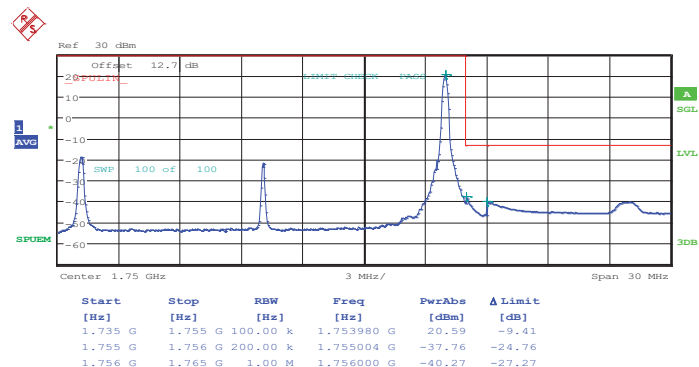
Lower Band Edge Plot for 16QAM-RB Size 100, RB Offset 0



Date: 11.APR.2014 20:29:14

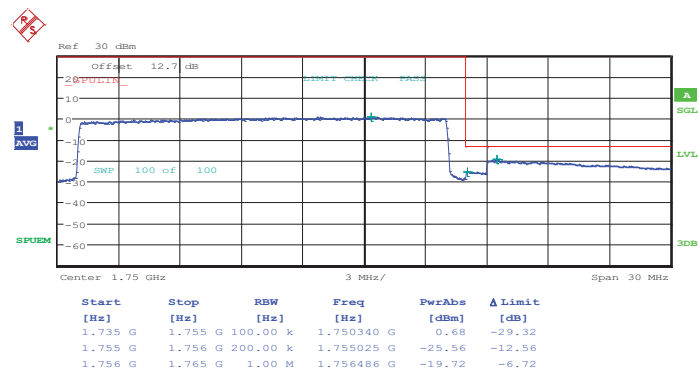


Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 99



Date: 11.APR.2014 20:36:59

Higher Band Edge Plot for 16QAM-RB Size 100, RB Offset 0



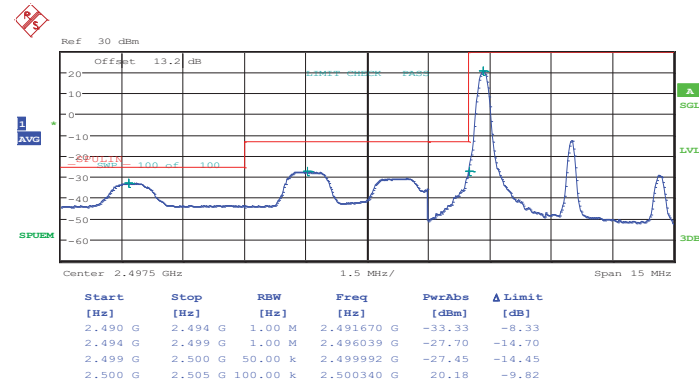
Date: 11.APR.2014 20:38:33

Note: The total loss is 12.7 dB of the RF cable and attenuator of LTE Band 4, and has been compensated to the spectrum analyzer offset.



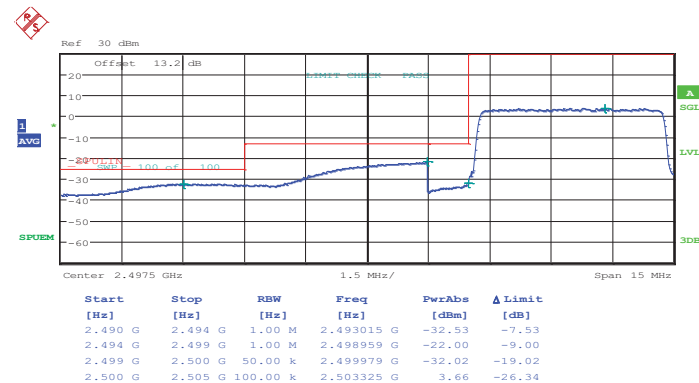
Band :	LTE Band 7	Band Width :	5MHz / QPSK
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Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Date: 24.APR.2014 17:29:42

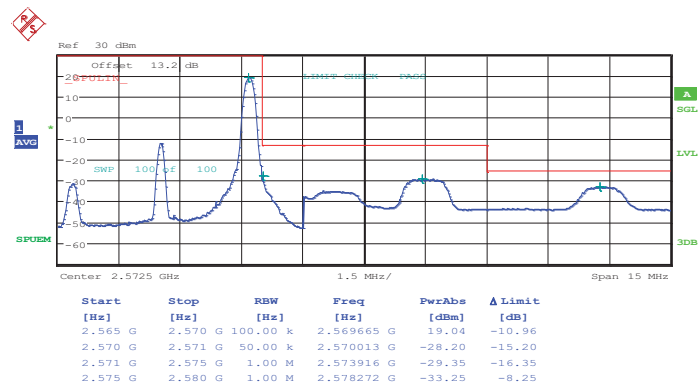
Lower Band Edge Plot for QPSK-RB Size 25, RB Offset 0



Date: 24.APR.2014 17:31:14

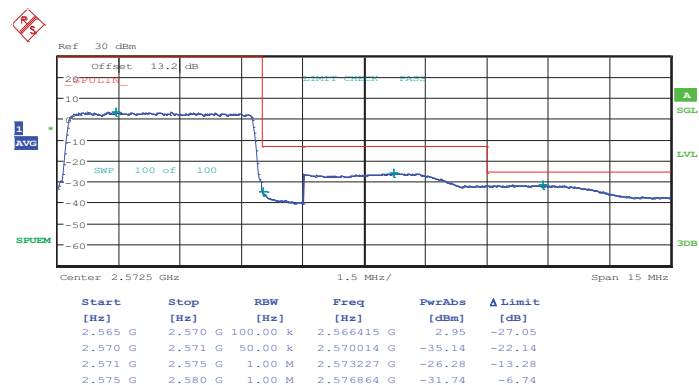


Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 24



Date: 24.APR.2014 17:32:47

Higher Band Edge Plot for QPSK-RB Size 25, RB Offset 0

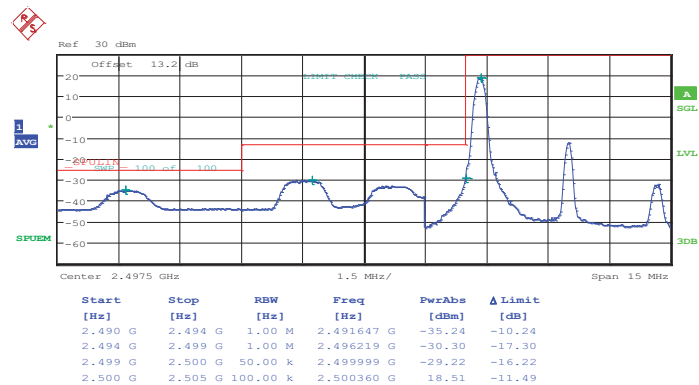


Date: 24.APR.2014 17:34:20



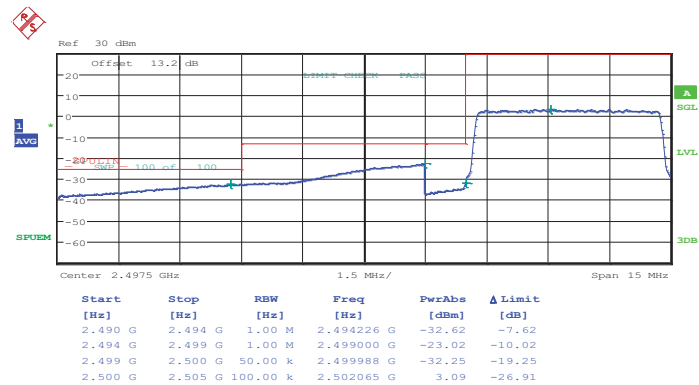
Band :	LTE Band 7	Band Width :	5MHz / 16QAM
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Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



Date: 24.APR.2014 17:30:28

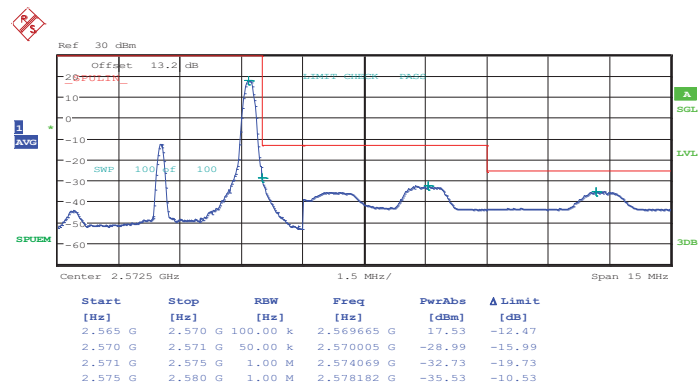
Lower Band Edge Plot for 16QAM-RB Size 25, RB Offset 0



Date: 24.APR.2014 17:32:00

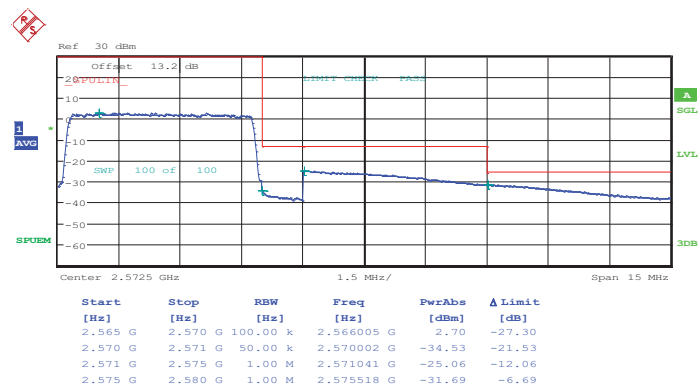


Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 24



Date: 24.APR.2014 17:33:33

Higher Band Edge Plot for 16QAM-RB Size 25, RB Offset 0

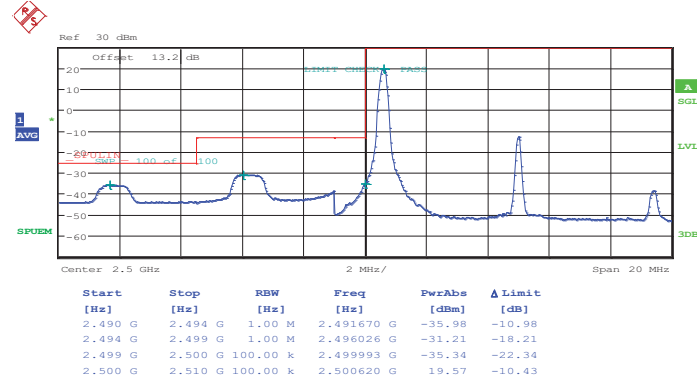


Date: 24.APR.2014 17:35:06



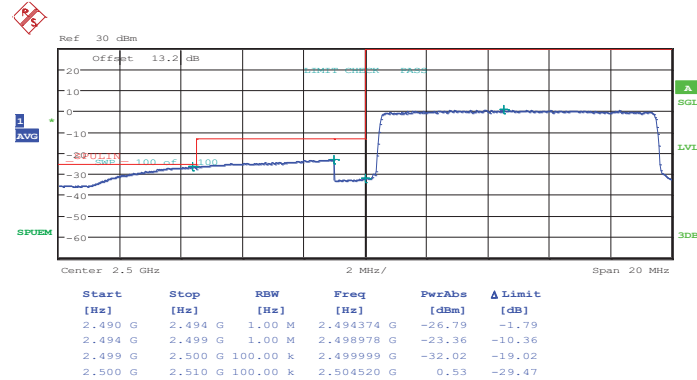
Band :	LTE Band 7	Band Width :	10MHz / QPSK
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Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Date: 24.APR.2014 17:35:56

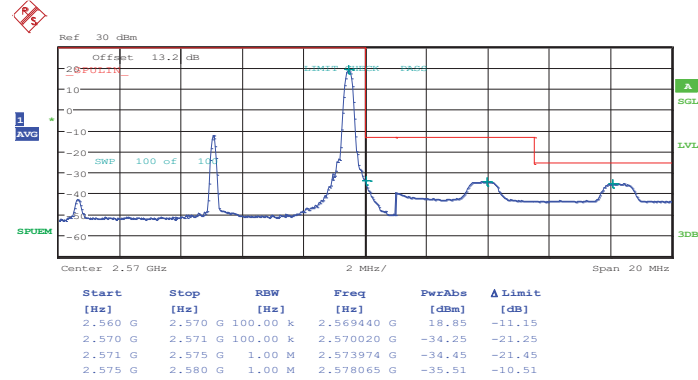
Lower Band Edge Plot for QPSK-RB Size 50, RB Offset 0



Date: 24.APR.2014 17:37:29

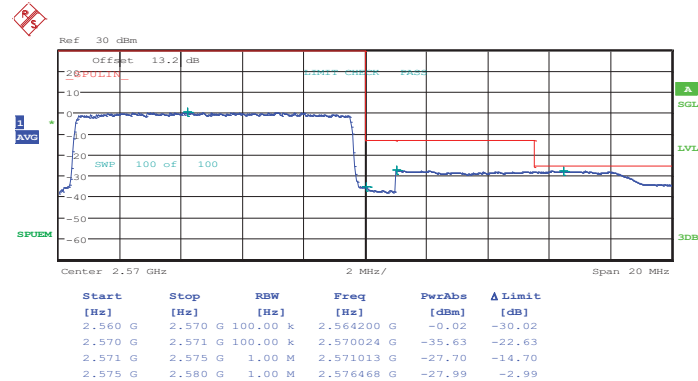


Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 49



Date: 24.APR.2014 17:39:01

Higher Band Edge Plot for QPSK-RB Size 50, RB Offset 0

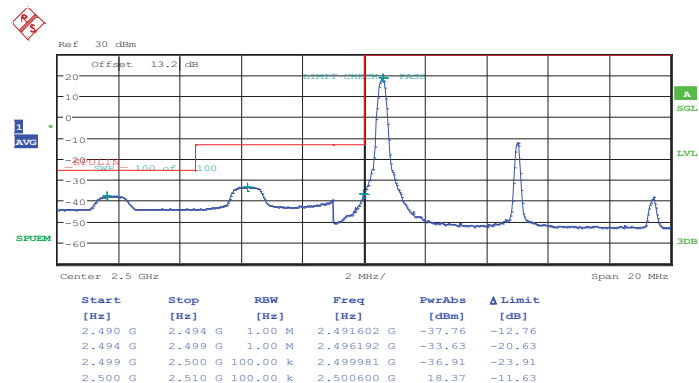


Date: 24.APR.2014 17:40:33



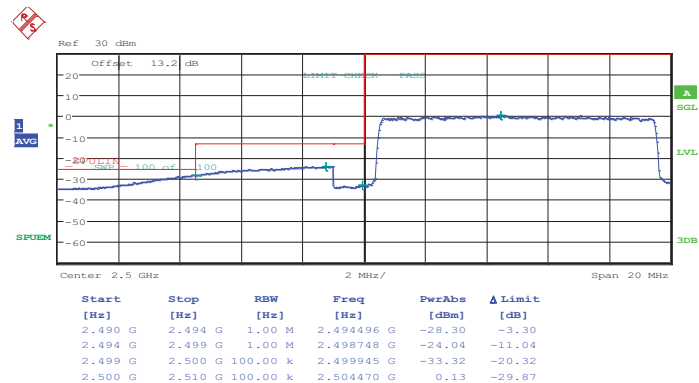
Band :	LTE Band 7	Band Width :	10MHz / 16QAM
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Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



Date: 24.APR.2014 17:36:42

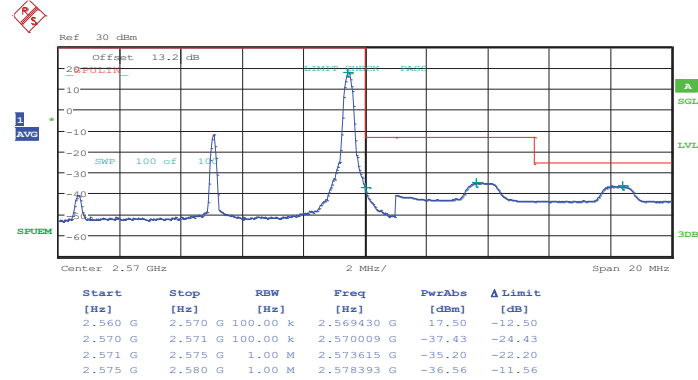
Lower Band Edge Plot for 16QAM-RB Size 50, RB Offset 0



Date: 24.APR.2014 17:38:15

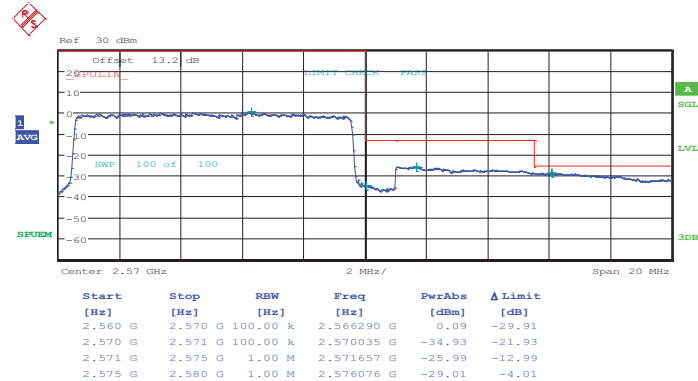


Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 49



Date: 24.APR.2014 17:39:47

Higher Band Edge Plot for QPSK-RB Size 50, RB Offset 0

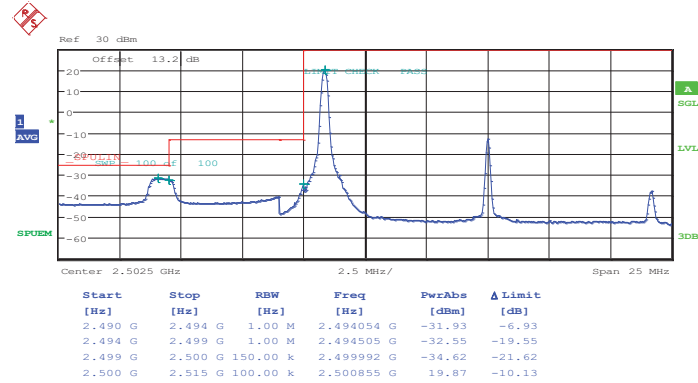


Date: 24.APR.2014 17:41:19



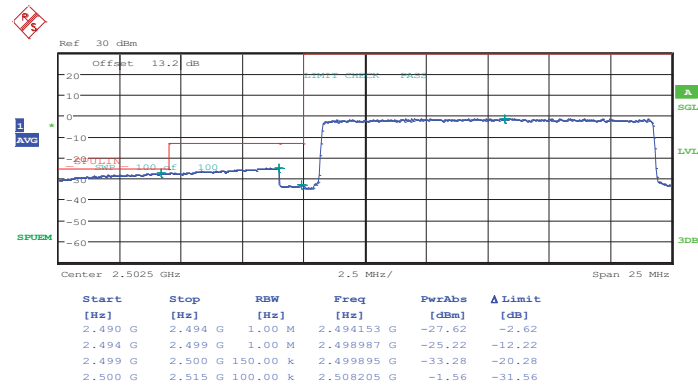
Band :	LTE Band 7	Band Width :	15MHz / QPSK
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Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Date: 24.APR.2014 17:42:10

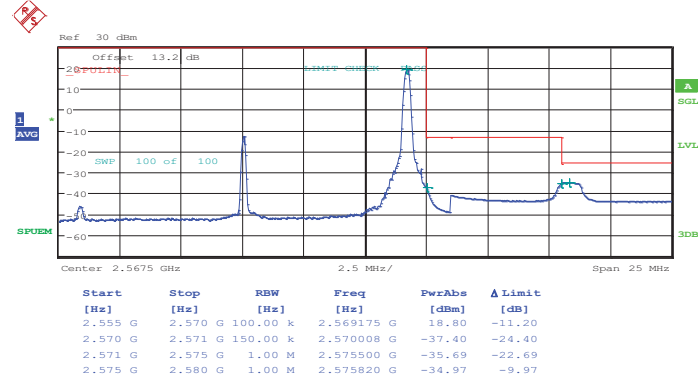
Lower Band Edge Plot for QPSK-RB Size 75, RB Offset 0



Date: 24.APR.2014 17:43:42

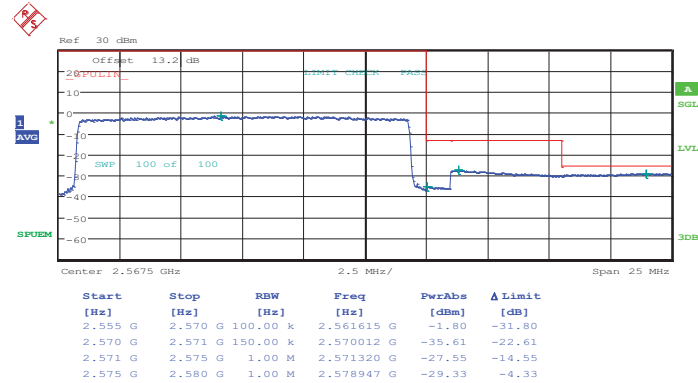


Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 74



Date: 24.APR.2014 17:45:15

Higher Band Edge Plot for QPSK-RB Size 75, RB Offset 0

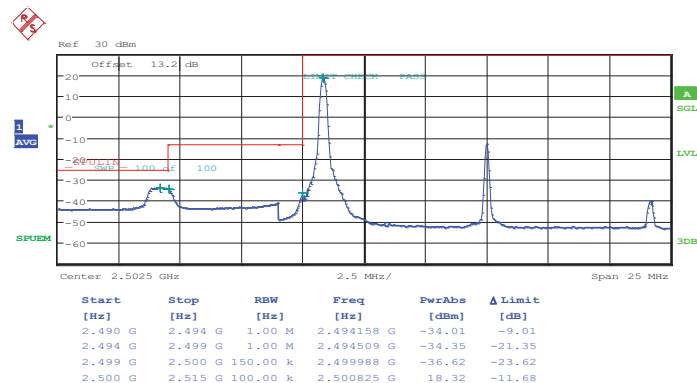


Date: 24.APR.2014 17:46:47



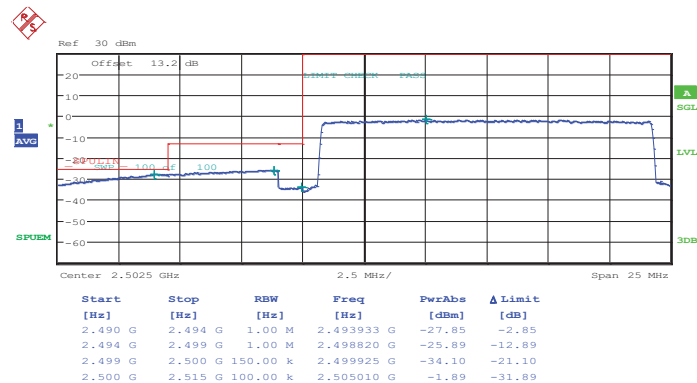
Band :	LTE Band 7	Band Width :	15MHz / 16QAM
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Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



Date: 24.APR.2014 17:42:56

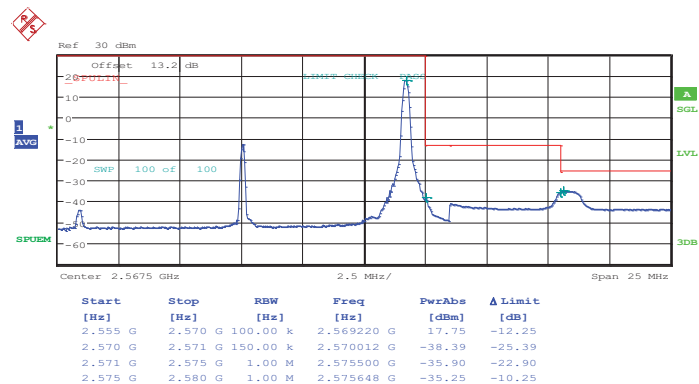
Lower Band Edge Plot for 16QAM-RB Size 75, RB Offset 0



Date: 24.APR.2014 17:44:28

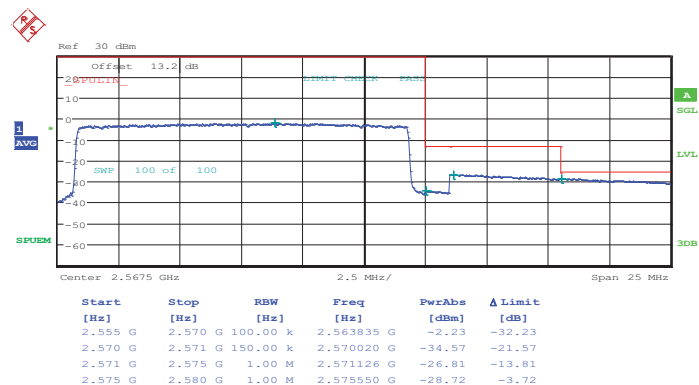


Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 74



Date: 24.APR.2014 17:46:01

Higher Band Edge Plot for 16QAM-RB Size 75, RB Offset 0

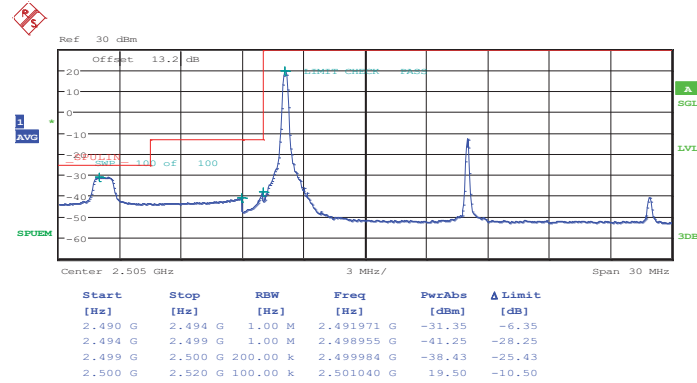


Date: 24.APR.2014 17:47:33



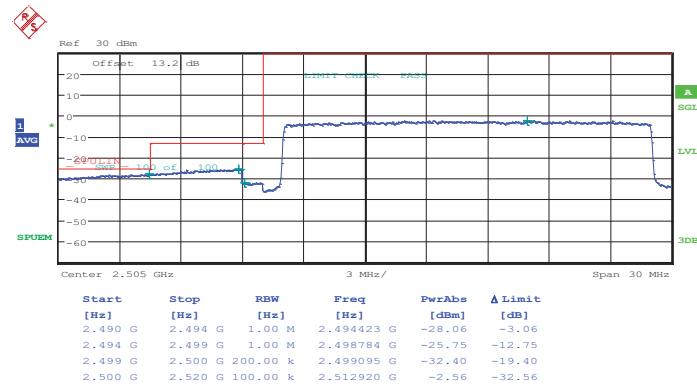
Band :	LTE Band 7	Band Width :	20MHz / QPSK
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Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Date: 24.APR.2014 17:48:24

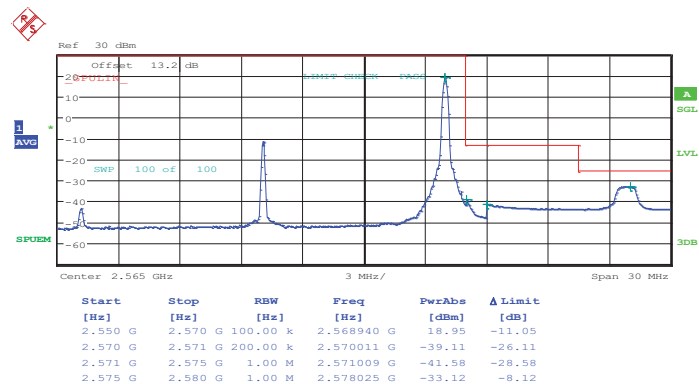
Lower Band Edge Plot for QPSK-RB Size 100, RB Offset 0



Date: 24.APR.2014 17:49:57

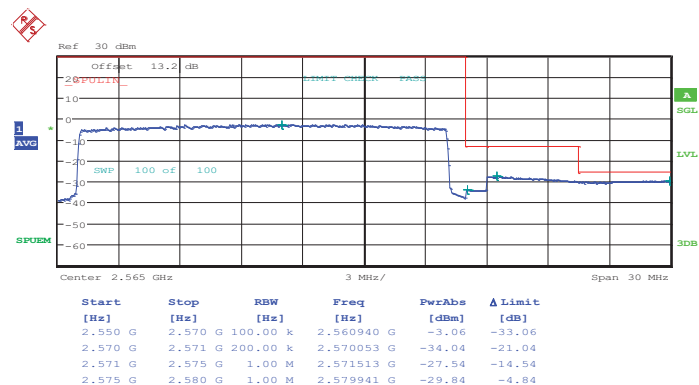


Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 99



Date: 24.APR.2014 17:51:29

Higher Band Edge Plot for QPSK-RB Size 100, RB Offset 0



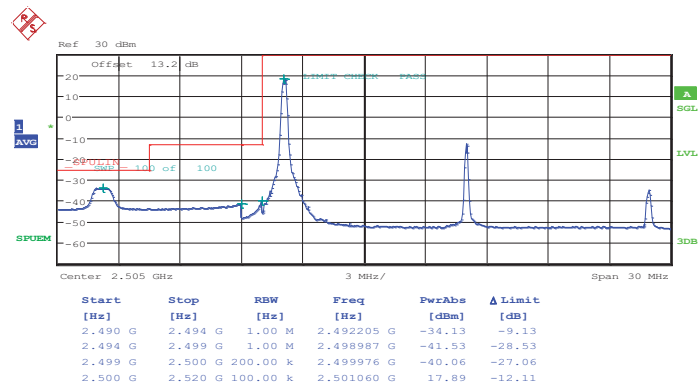
Date: 24.APR.2014 17:53:46



Band : LTE Band 7

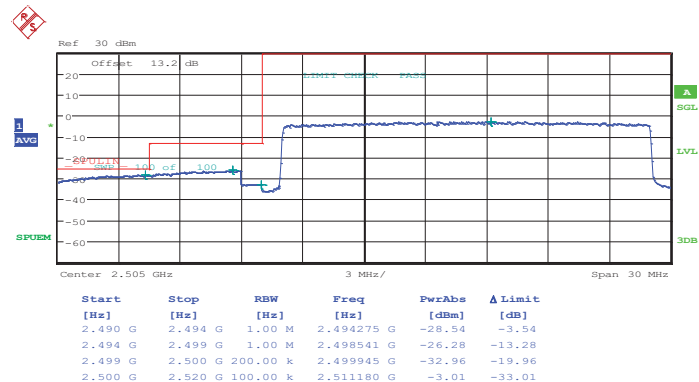
Band Width : 20MHz / 16QAM

Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



Date: 24.APR.2014 17:49:10

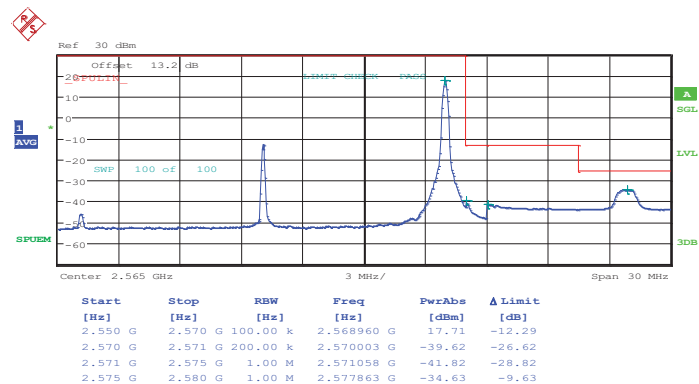
Lower Band Edge Plot for 16QAM-RB Size 100, RB Offset 0



Date: 24.APR.2014 17:50:43

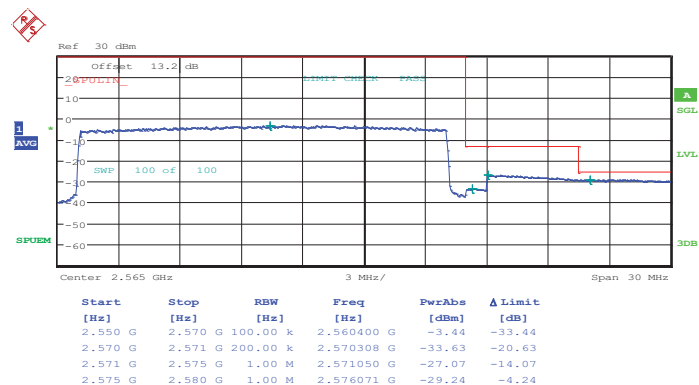


Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 99



Date: 24.APR.2014 17:52:15

Higher Band Edge Plot for 16QAM-RB Size 100, RB Offset 0



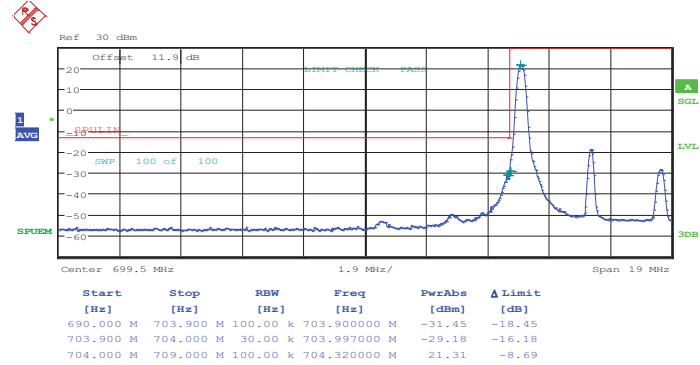
Date: 24.APR.2014 17:53:01

Note: The total loss is 13.2 dB of the RF cable and attenuator of LTE Band 7, and has been compensated to the spectrum analyzer offset.



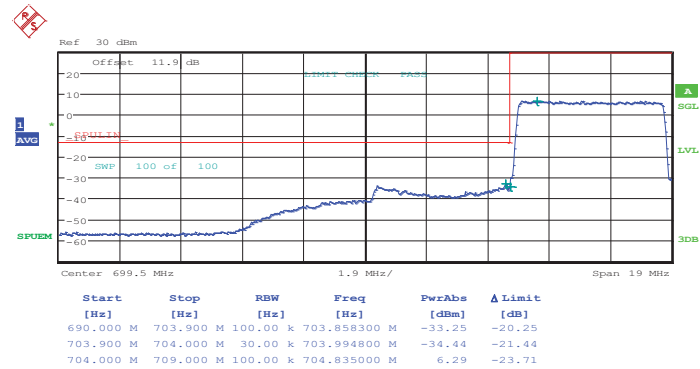
Band :	LTE Band 17	Band Width :	5MHz / QPSK
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Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



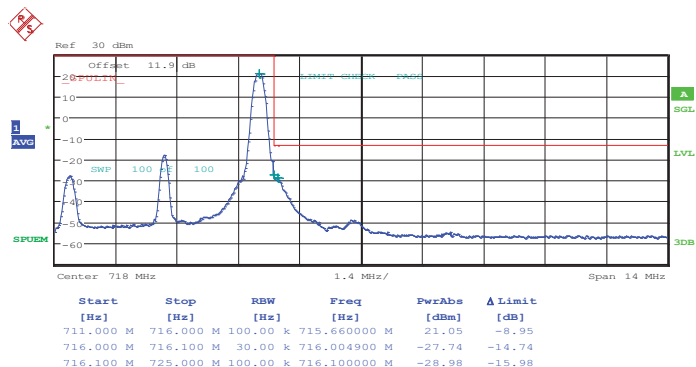
Date: 12.APR.2014 17:44:07

Lower Band Edge Plot for QPSK-RB Size 25, RB Offset 0



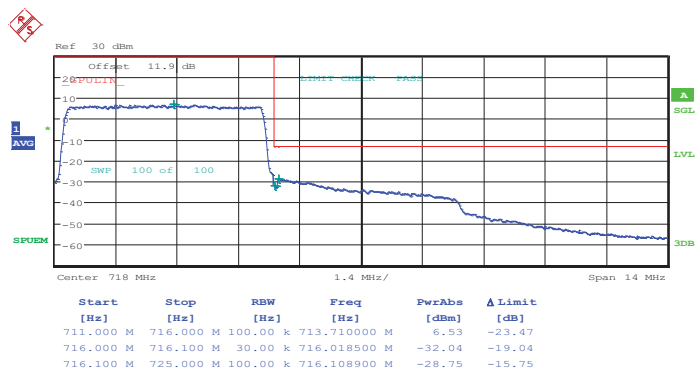
Date: 12.APR.2014 17:45:40

Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 24



Date: 12.APR.2014 17:53:23

Higher Band Edge Plot for QPSK-RB Size 25, RB Offset 0

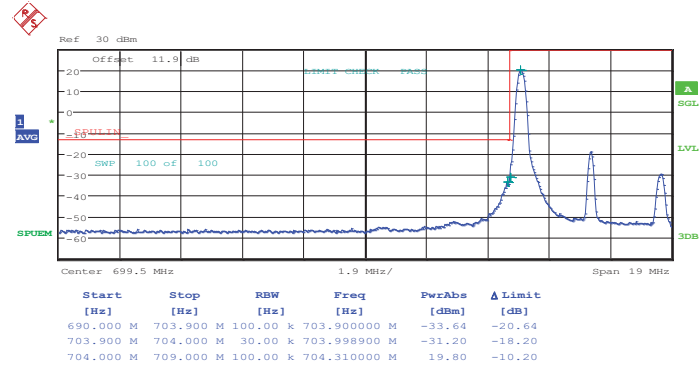


Date: 12.APR.2014 17:54:56



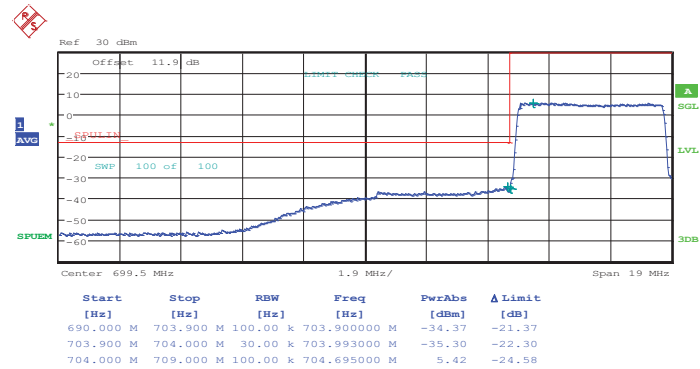
Band :	LTE Band 17	Band Width :	5MHz / 16QAM
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Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



Date: 12.APR.2014 17:44:53

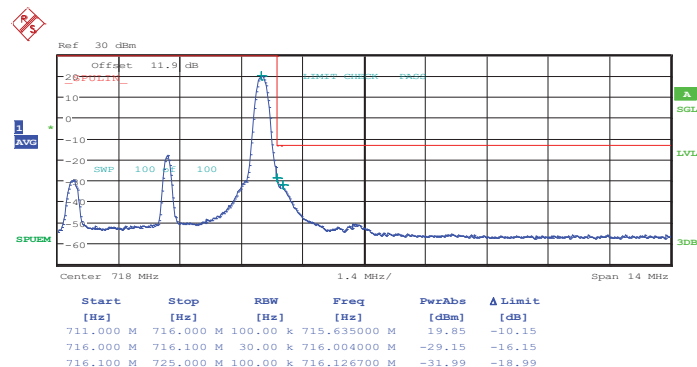
Lower Band Edge Plot for 16QAM-RB Size 25, RB Offset 0



Date: 12.APR.2014 17:46:26

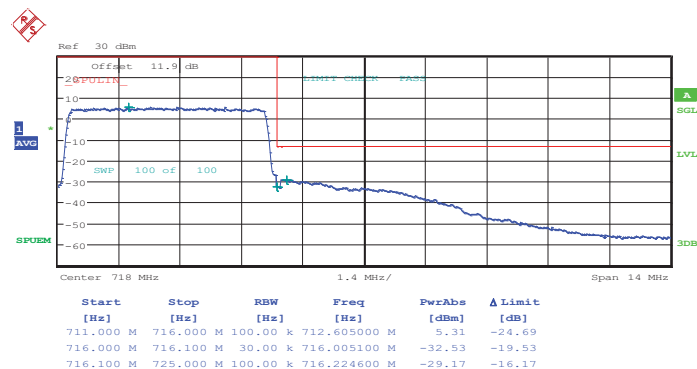


Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 24



Date: 12.APR.2014 17:54:09

Higher Band Edge Plot for 16QAM-RB Size 25, RB Offset 0

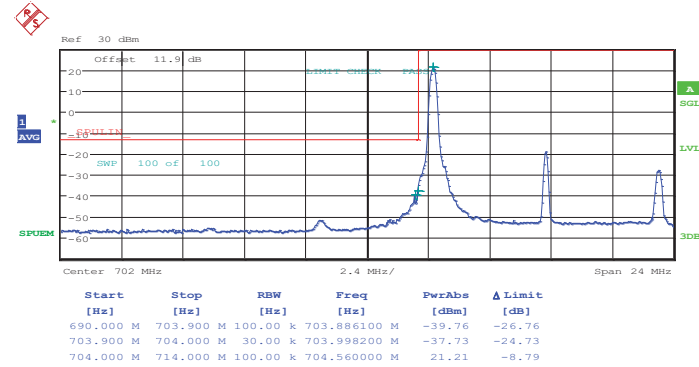


Date: 12.APR.2014 17:55:42



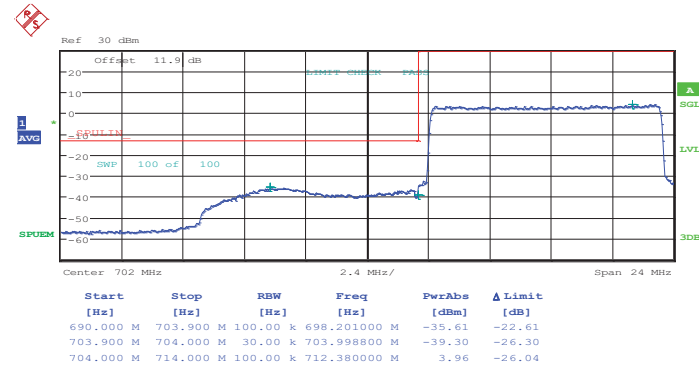
Band :	LTE Band 17	Band Width :	10MHz / QPSK
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Lower Band Edge Plot for QPSK-RB Size 1, RB Offset 0



Date: 12.APR.2014 17:59:38

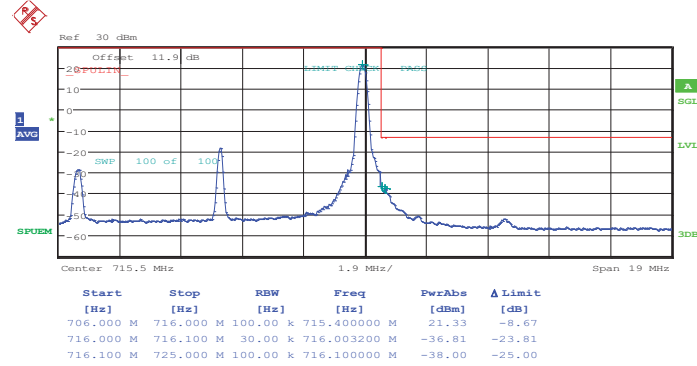
Lower Band Edge Plot for QPSK-RB Size 50, RB Offset 0



Date: 12.APR.2014 18:01:11

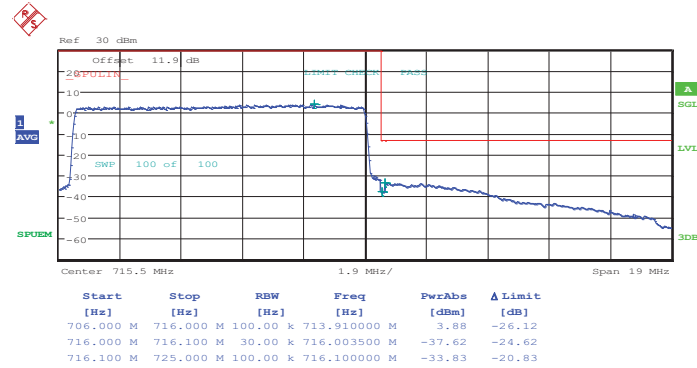


Higher Band Edge Plot for QPSK-RB Size 1, RB Offset 49



Date: 12.APR.2014 18:08:53

Higher Band Edge Plot for QPSK-RB Size 50, RB Offset 0

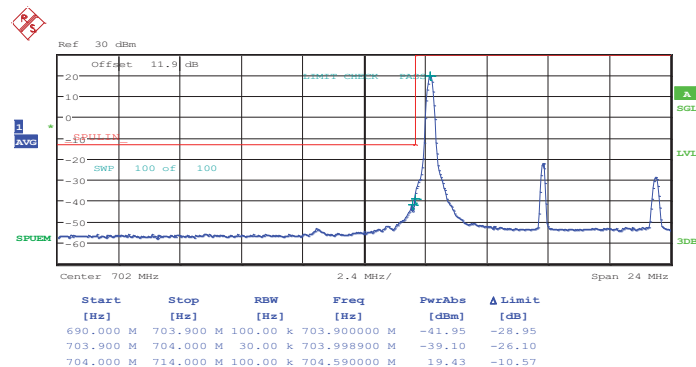


Date: 12.APR.2014 18:10:26



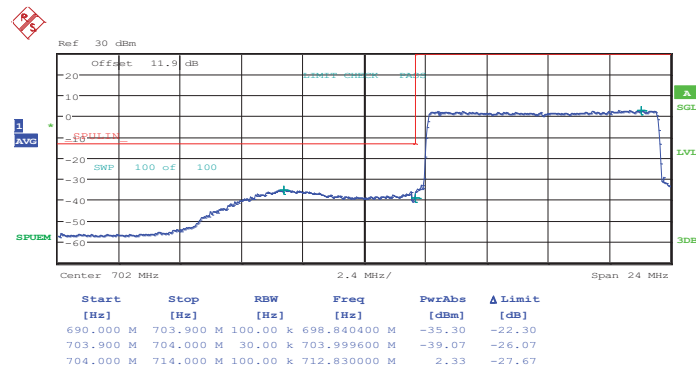
Band :	LTE Band 17	Band Width :	10MHz / 16QAM
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Lower Band Edge Plot for 16QAM-RB Size 1, RB Offset 0



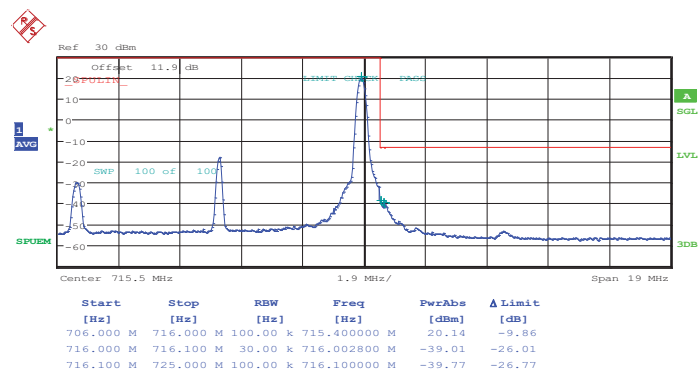
Date: 12.APR.2014 18:00:24

Lower Band Edge Plot for 16QAM-RB Size 50, RB Offset 0



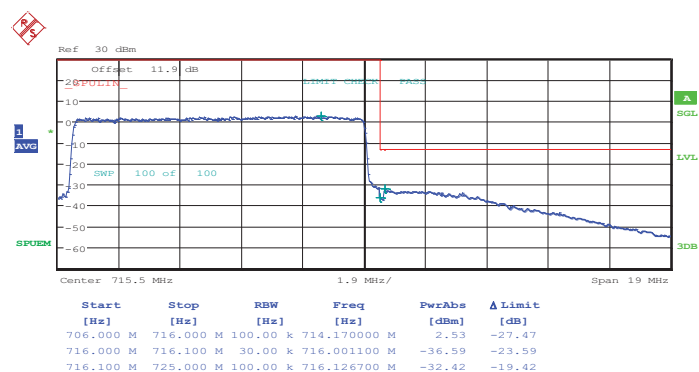
Date: 12.APR.2014 18:01:57

Higher Band Edge Plot for 16QAM-RB Size 1, RB Offset 49



Date: 12.APR.2014 18:09:40

Higher Band Edge Plot for 16QAM-RB Size 50, RB Offset 0



Date: 12.APR.2014 18:11:13

Note: The total loss is 11.9 dB of the RF cable and attenuator of LTE Band 2, and has been compensated to the spectrum analyzer offset.

3.6 Conducted Spurious Emission Measurement

3.6.1 Description of Conducted Spurious Emission Measurement

For Band 2 and 4 and 17

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For Band 7

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

It is measured by means of a calibrated spectrum analyzer and scanned from 9 kHz up to a frequency including its 10th harmonic.

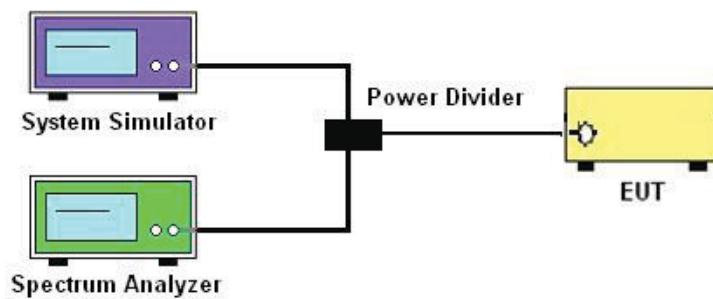
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

1. The EUT was connected to spectrum analyzer and base station via power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.
The path loss was compensated to the results for each measurement.
3. The middle channel for the highest RF power within the transmitting frequency was measured.
4. The conducted spurious emission for the whole frequency range was taken.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. 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)
 $= -13$ dBm.

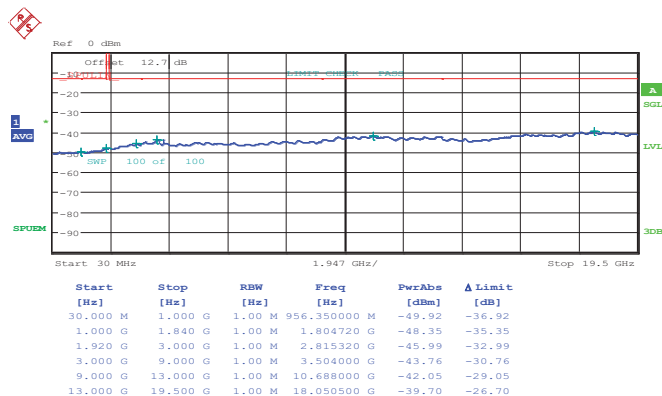
3.6.4 Test Setup



3.6.5 Test Result (Plots) of Conducted Spurious Emission

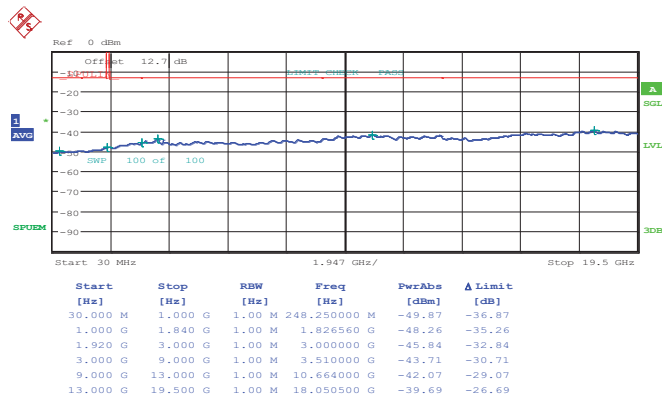
Band :	LTE Band 2	Channel :	CH18607 (Low)
Bandwidth :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 16:42:28

16QAM (RB Size 1, RB Offset 0)

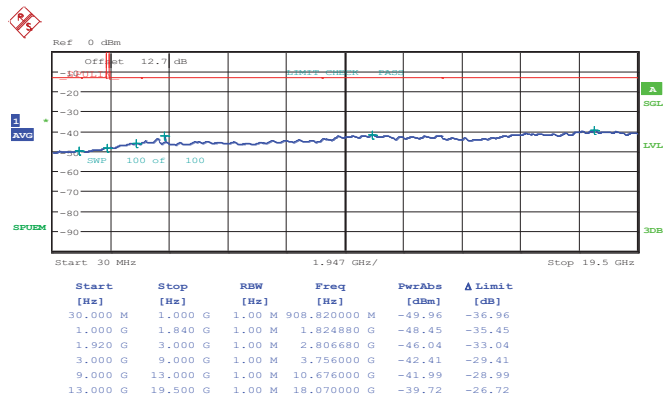


Date: 11.APR.2014 16:43:28



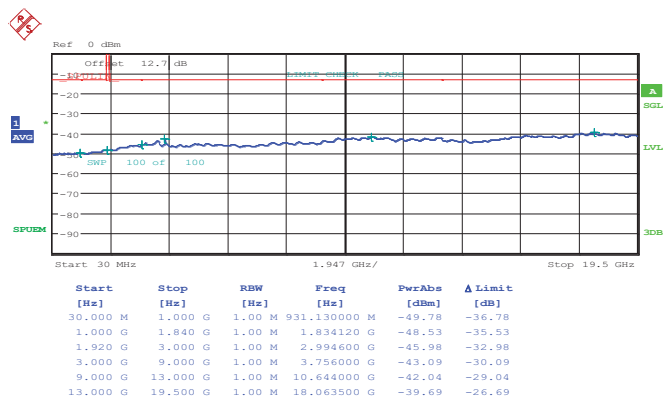
Band :	LTE Band 2	Channel :	CH18900 (Middle)
Bandwidth :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 16:45:34

16QAM (RB Size 1, RB Offset 0)

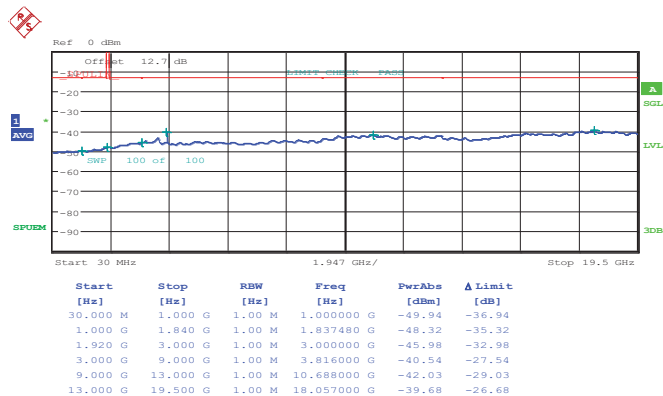


Date: 11.APR.2014 16:46:34



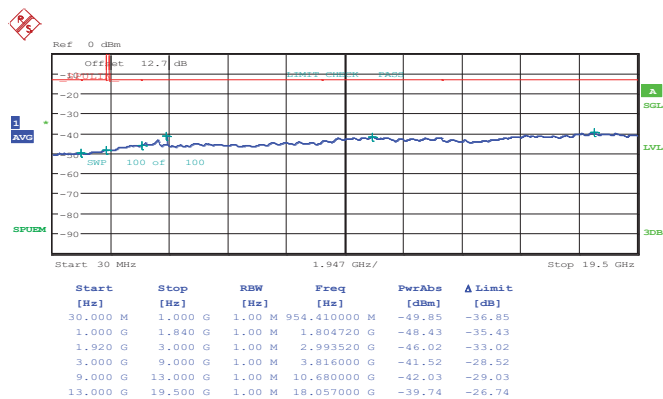
Band :	LTE Band 2	Channel :	CH19193 (High)
Bandwidth :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 16:51:47

16QAM (RB Size 1, RB Offset 0)

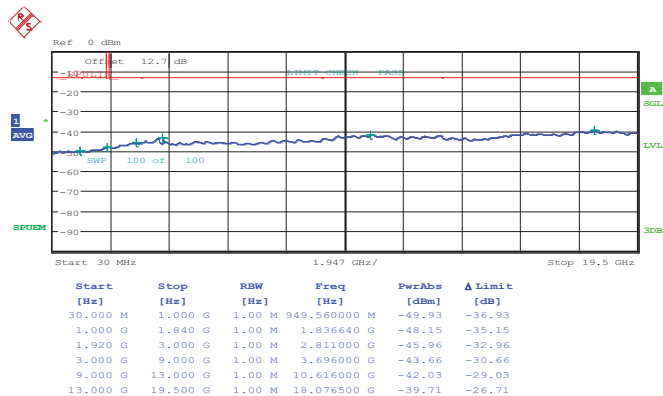


Date: 11.APR.2014 17:28:14



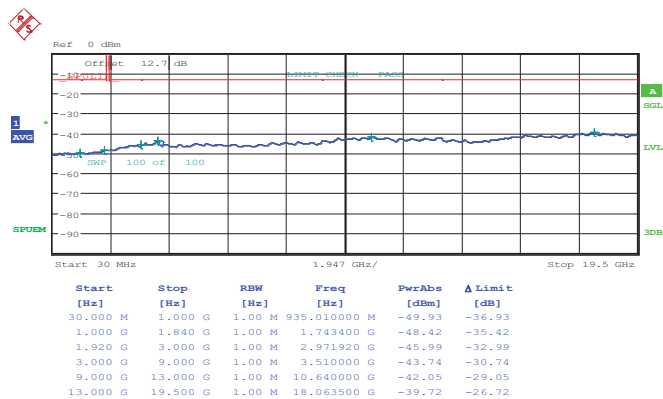
Band :	LTE Band 2	Channel :	CH18615 (Low)
Bandwidth :	3MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 17:11:42

16QAM (RB Size 1, RB Offset 0)

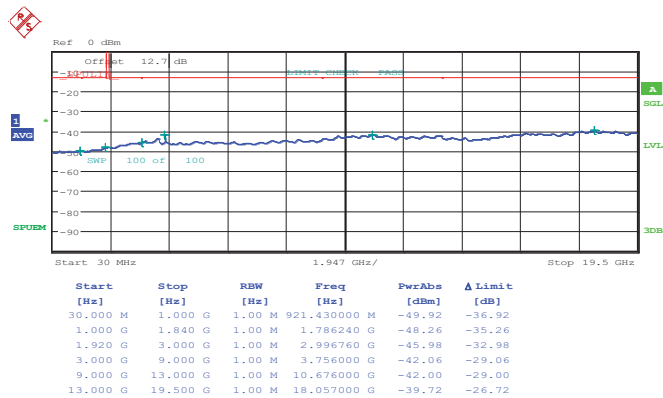


Date: 11.APR.2014 17:12:42



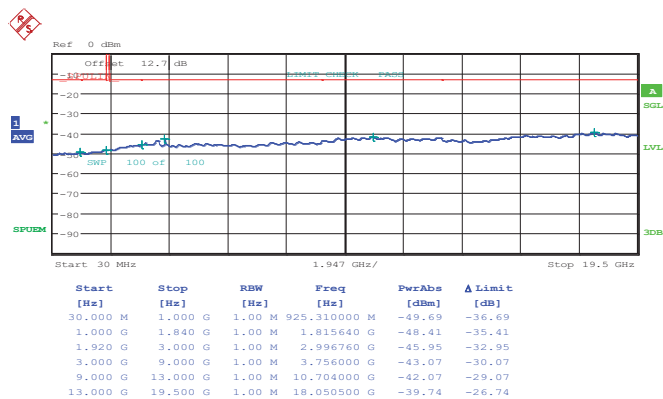
Band :	LTE Band 2	Channel :	CH18900 (Middle)
Bandwidth :	3MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 17:14:48

16QAM (RB Size 1, RB Offset 0)

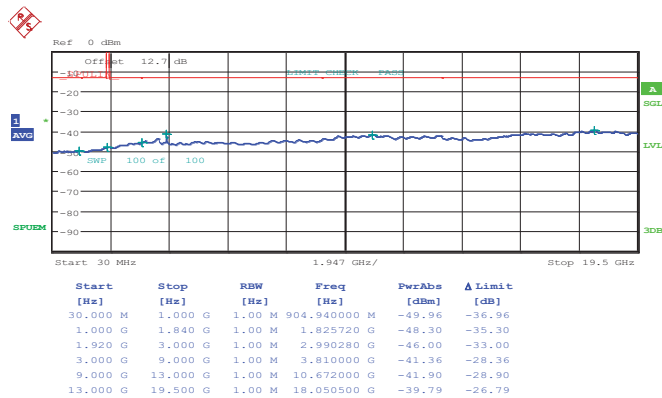


Date: 11.APR.2014 17:15:47



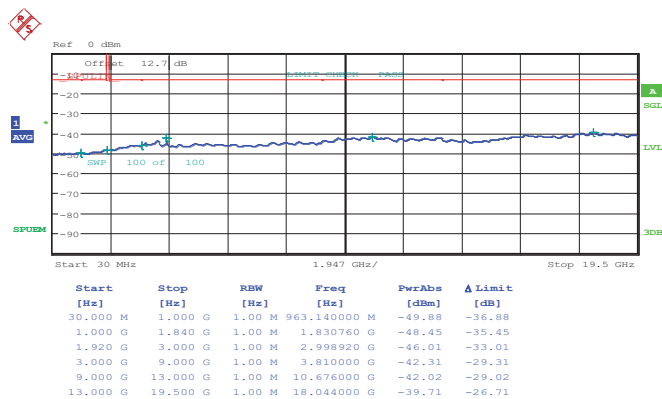
Band :	LTE Band 2	Channel :	CH19185 (High)
Bandwidth :	3MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 17:20:55

16QAM (RB Size 1, RB Offset 0)

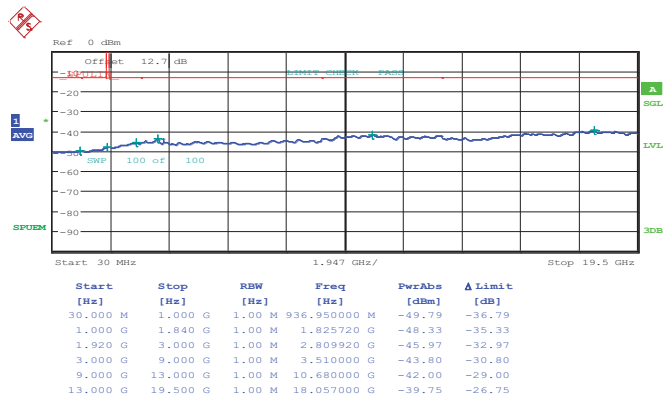


Date: 11.APR.2014 17:21:54



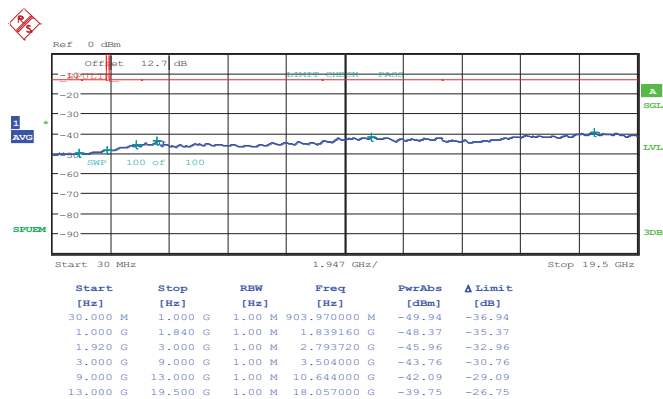
Band :	LTE Band 2	Channel :	CH18625 (Low)
Bandwidth :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 17:34:30

16QAM (RB Size 1, RB Offset 0)

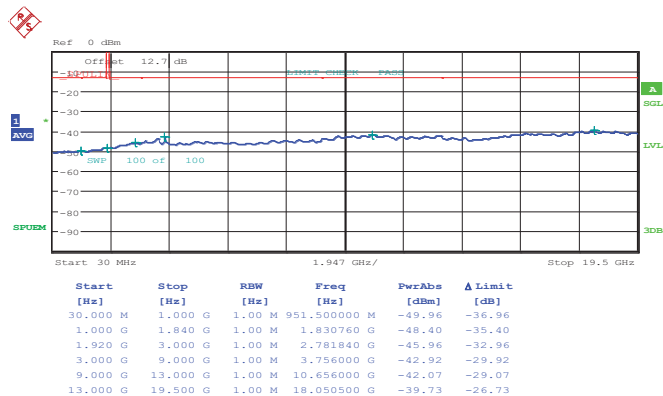


Date: 11.APR.2014 17:35:29



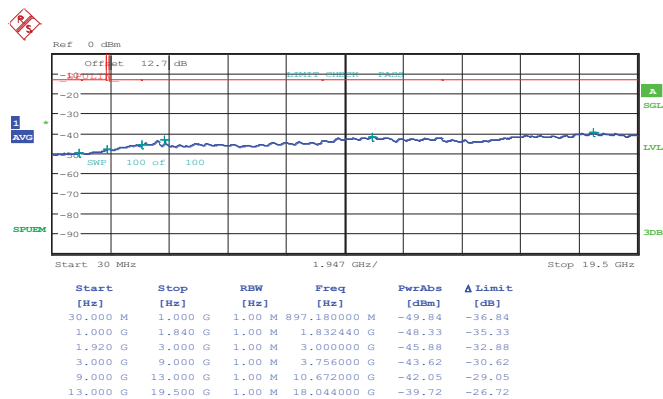
Band :	LTE Band 2	Channel :	CH18900 (Middle)
Bandwidth :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 17:37:35

16QAM (RB Size 1, RB Offset 0)

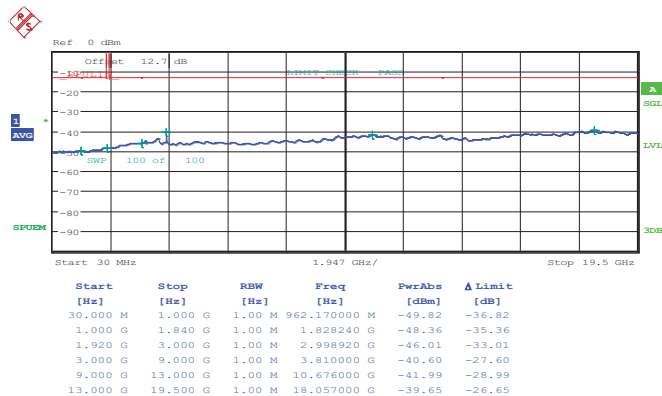


Date: 11.APR.2014 17:38:35



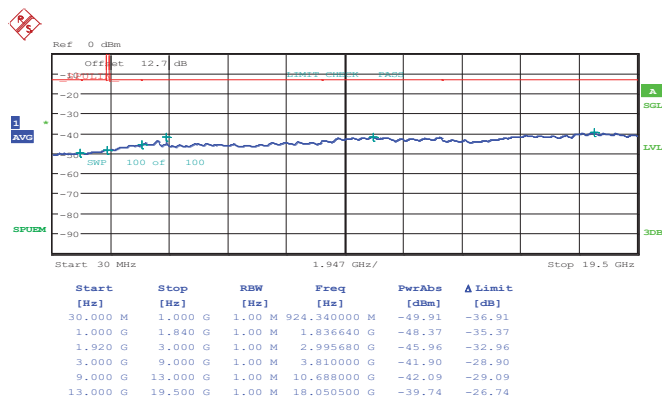
Band :	LTE Band 2	Channel :	CH19175 (High)
Bandwidth :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 17:43:48

16QAM (RB Size 1, RB Offset 0)

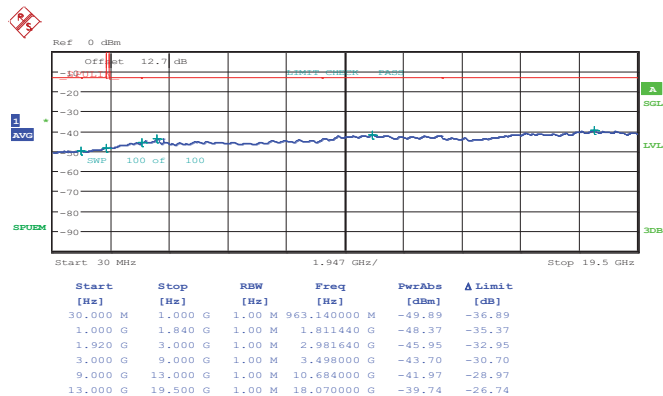


Date: 11.APR.2014 17:44:48



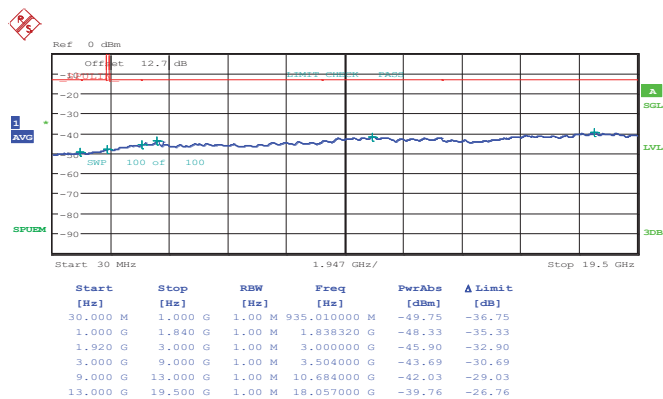
Band :	LTE Band 2	Channel :	CH18650 (Low)
Bandwidth :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 18:04:25

16QAM (RB Size 1, RB Offset 0)

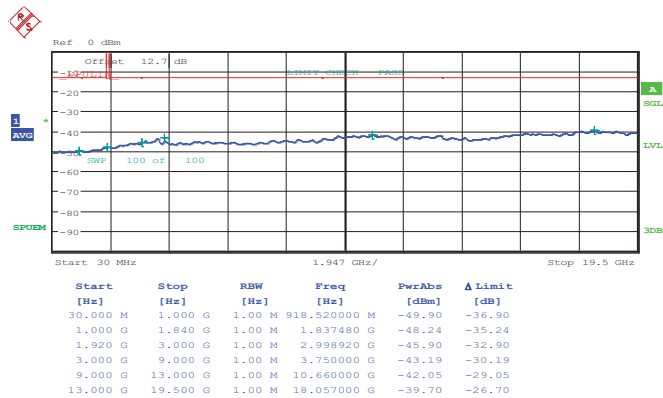


Date: 11.APR.2014 18:05:24



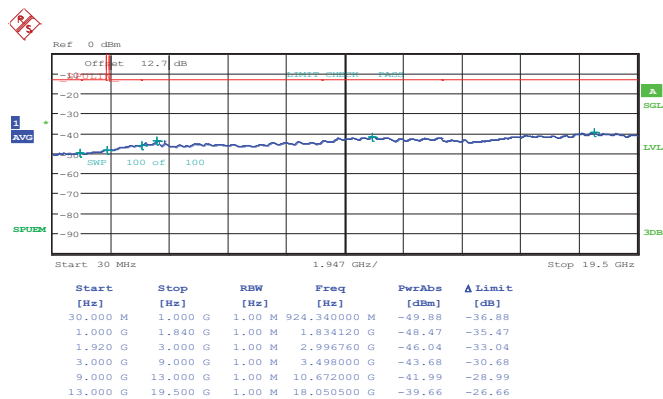
Band :	LTE Band 2	Channel :	CH18900 (Middle)
Bandwidth :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 18:07:30

16QAM (RB Size 1, RB Offset 0)

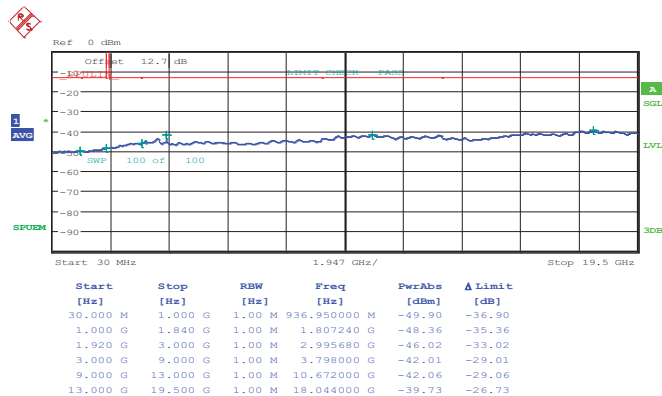


Date: 11.APR.2014 18:08:30



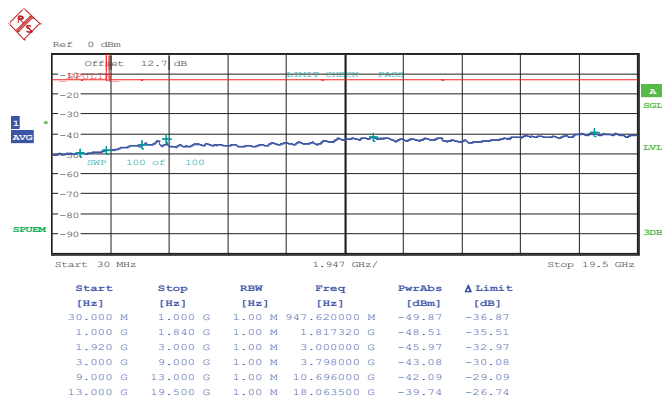
Band :	LTE Band 2	Channel :	CH19150 (High)
Bandwidth :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 18:13:43

16QAM (RB Size 1, RB Offset 0)

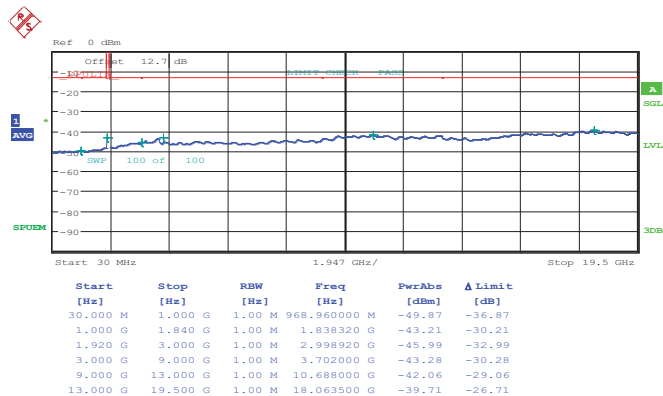


Date: 11.APR.2014 18:14:43



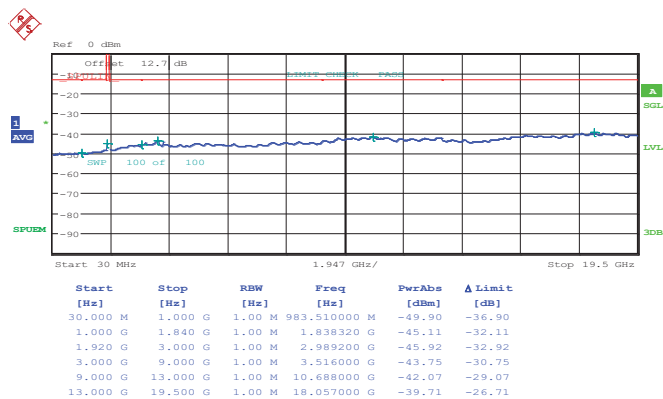
Band :	LTE Band 2	Channel :	CH18675 (Low)
Bandwidth :	15MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 18:20:40

16QAM (RB Size 1, RB Offset 0)

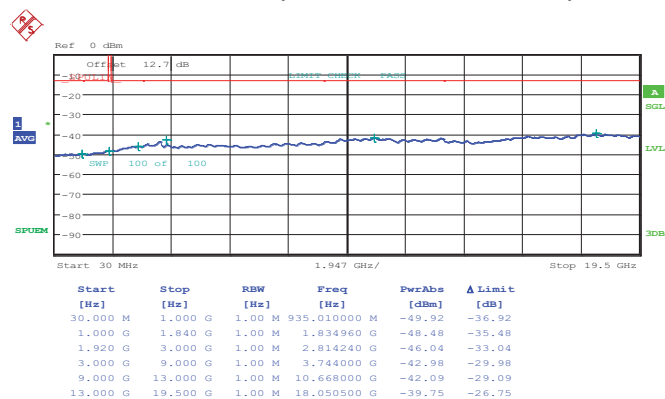


Date: 11.APR.2014 18:21:40



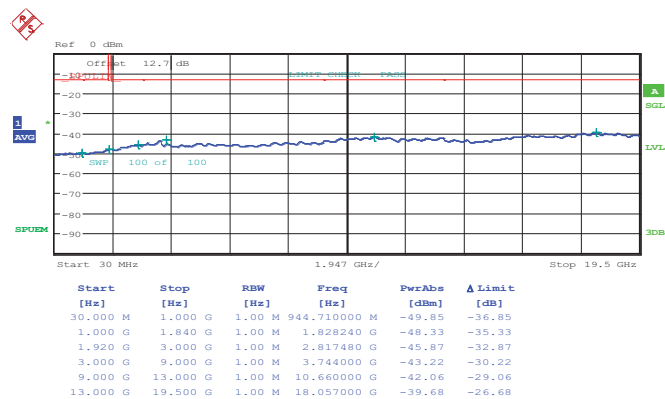
Band :	LTE Band 2	Channel :	CH18900 (Middle)
Bandwidth :	15MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 18:23:46

16QAM (RB Size 1, RB Offset 0)

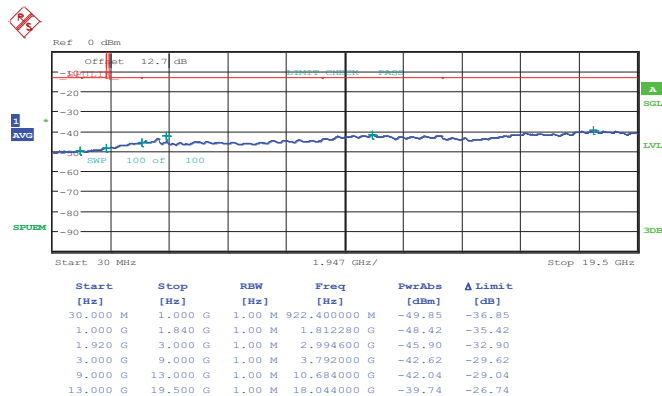


Date: 11.APR.2014 18:24:46



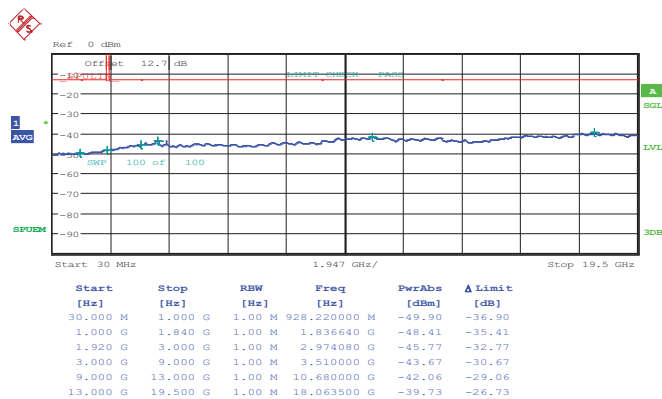
Band :	LTE Band 2	Channel :	CH19125 (High)
Bandwidth :	15MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 18:29:59

16QAM (RB Size 1, RB Offset 0)

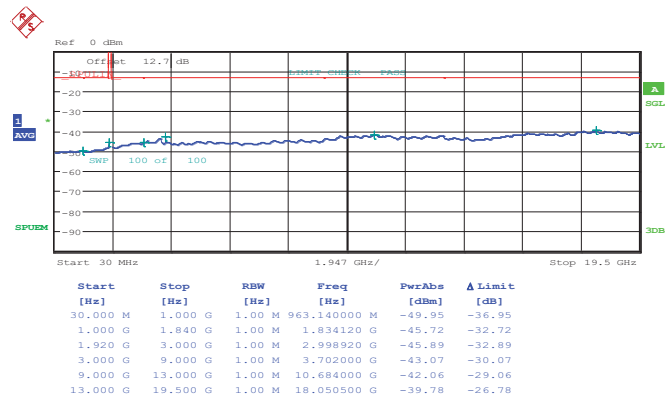


Date: 11.APR.2014 18:30:59



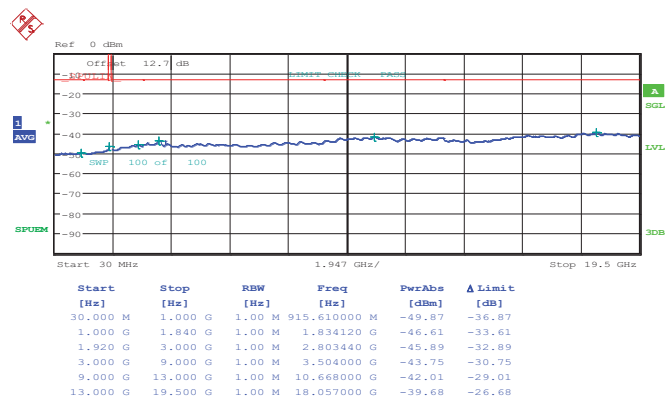
Band :	LTE Band 2	Channel :	CH18700 (Low)
Bandwidth :	20MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 18:38:30

16QAM (RB Size 1, RB Offset 0)

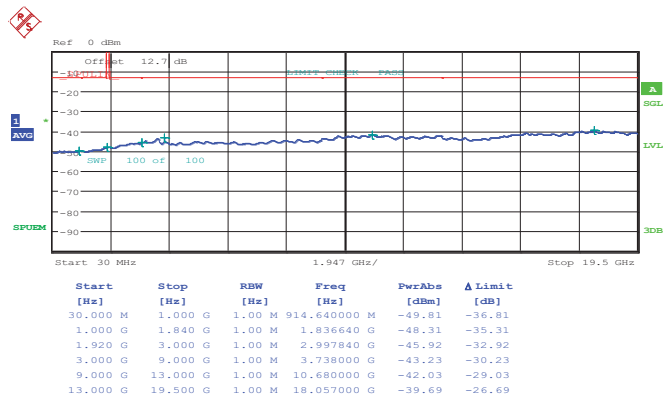


Date: 11.APR.2014 18:39:30



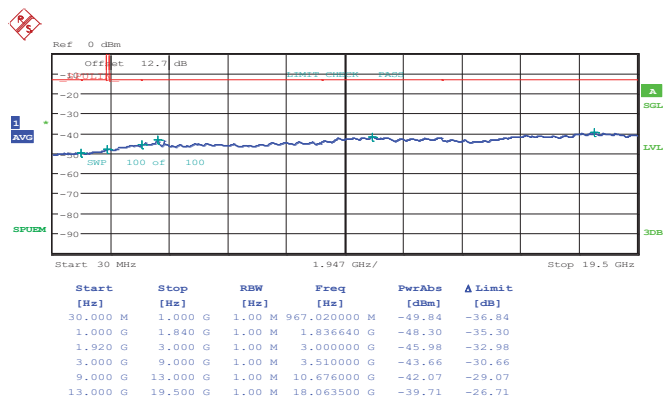
Band :	LTE Band 2	Channel :	CH18900 (Middle)
Bandwidth :	20MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 18:41:36

16QAM (RB Size 1, RB Offset 0)

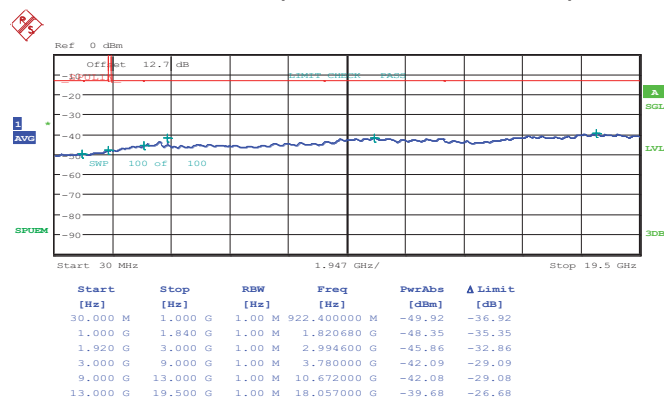


Date: 11.APR.2014 18:42:36



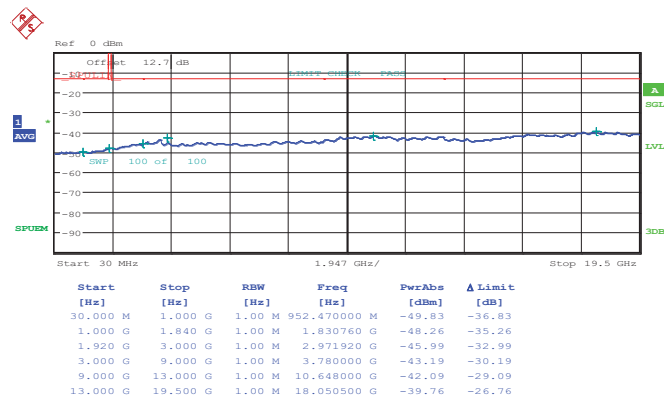
Band :	LTE Band 2	Channel :	CH19100 (High)
Bandwidth :	20MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 18:47:50

16QAM (RB Size 1, RB Offset 0)



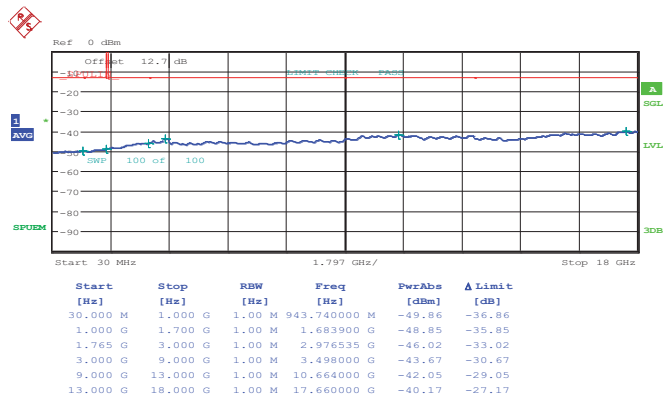
Date: 11.APR.2014 18:48:50

Note: The total loss is 12.7 dB of the RF cable and attenuator of LTE Band 2,
and has been compensated to the spectrum analyzer offset.



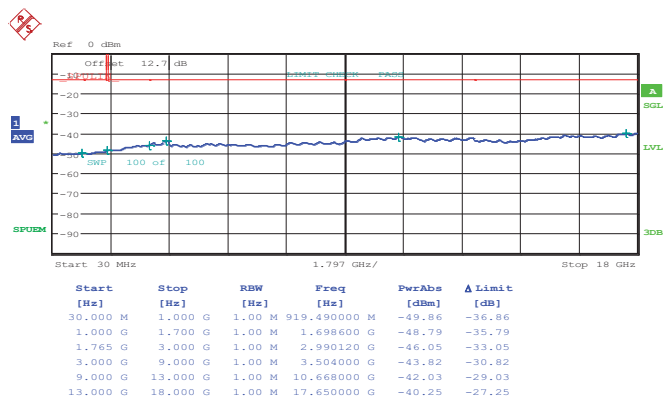
Band :	LTE Band 4	Channel :	CH19957 (Low)
Bandwidth :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 18:59:01

16QAM (RB Size 1, RB Offset 0)

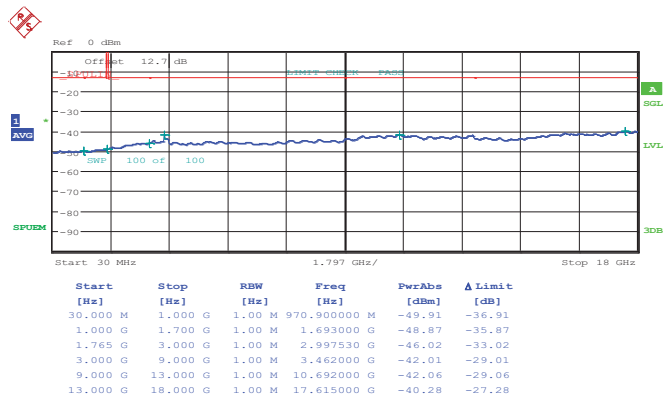


Date: 11.APR.2014 19:00:01



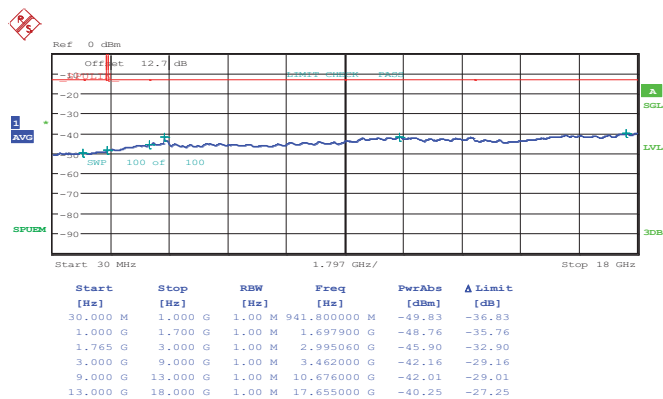
Band :	LTE Band 4	Channel :	CH20175 (Middle)
Bandwidth :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 19:02:07

16QAM (RB Size 1, RB Offset 0)

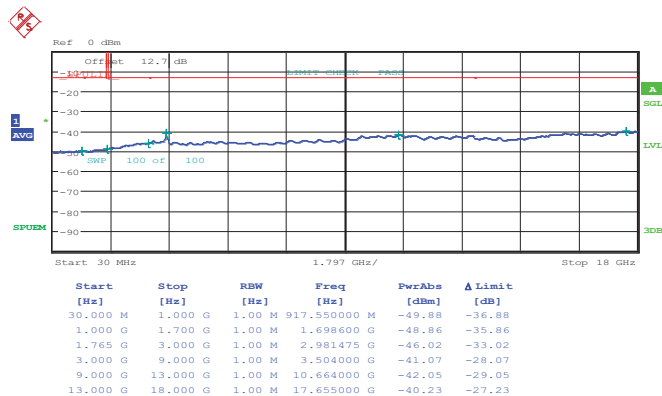


Date: 11.APR.2014 19:03:07



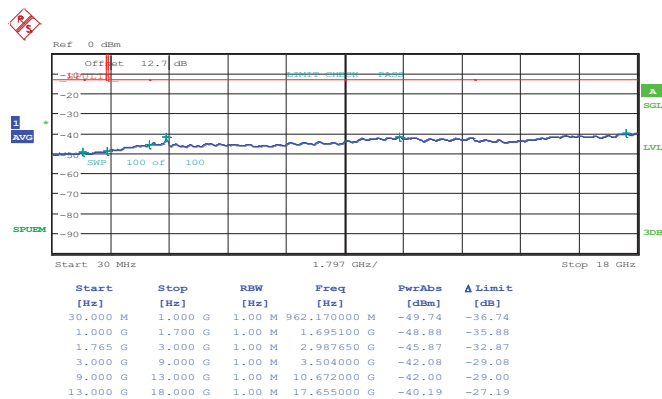
Band :	LTE Band 4	Channel :	CH20393 (High)
Bandwidth :	1.4MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 19:08:20

16QAM (RB Size 1, RB Offset 0)

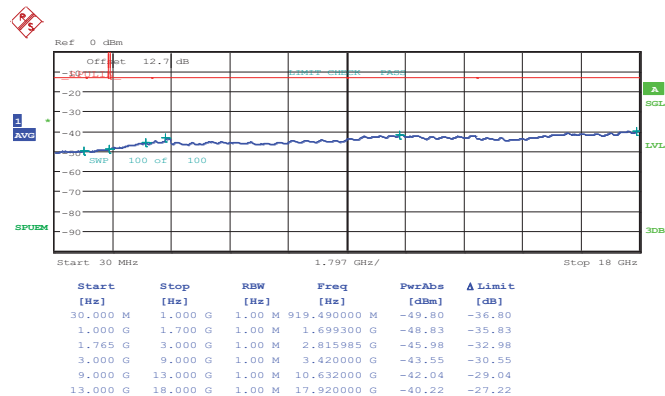


Date: 11.APR.2014 19:09:20



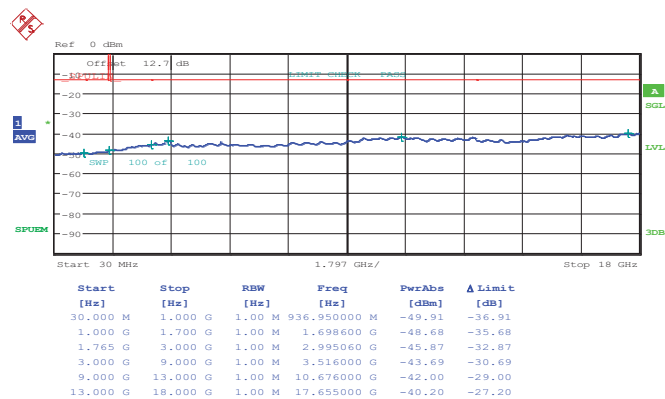
Band :	LTE Band 4	Channel :	CH19965 (Low)
Bandwidth :	3MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 19:19:26

16QAM (RB Size 1, RB Offset 0)

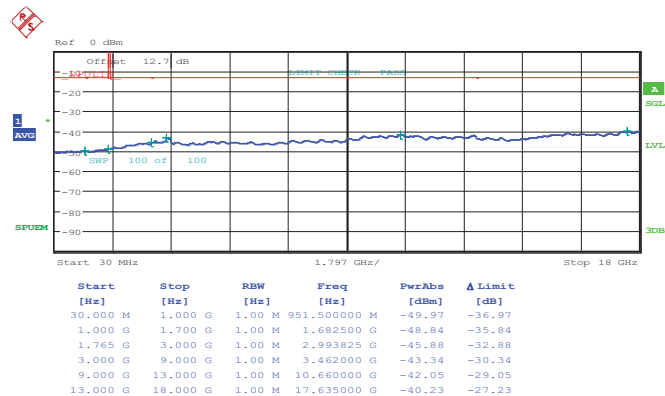


Date: 11.APR.2014 19:20:26



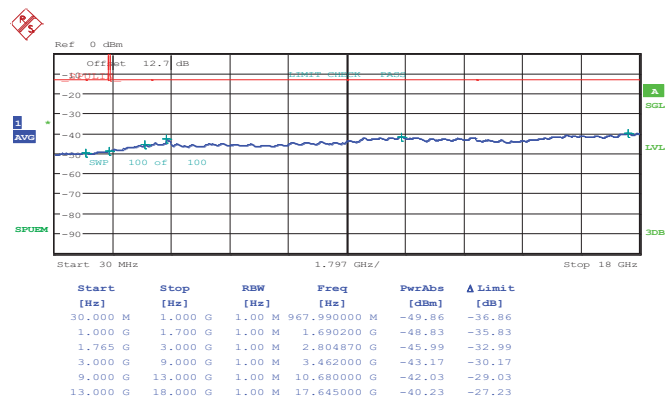
Band :	LTE Band 4	Channel :	CH20175 (Middle)
Bandwidth :	3MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 19:22:32

16QAM (RB Size 1, RB Offset 0)

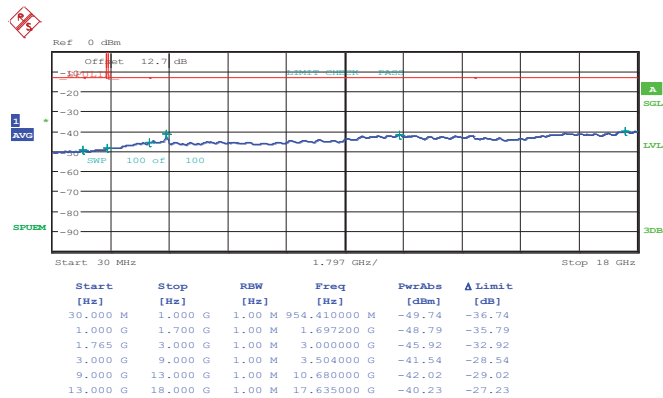


Date: 11.APR.2014 19:23:32



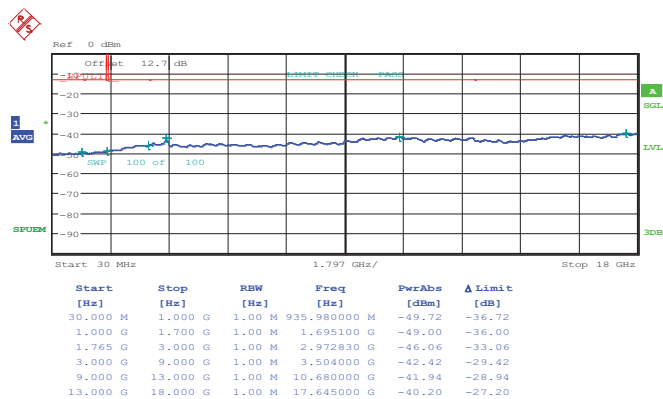
Band :	LTE Band 4	Channel :	CH20385 (High)
Bandwidth :	3MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 19:28:45

16QAM (RB Size 1, RB Offset 0)

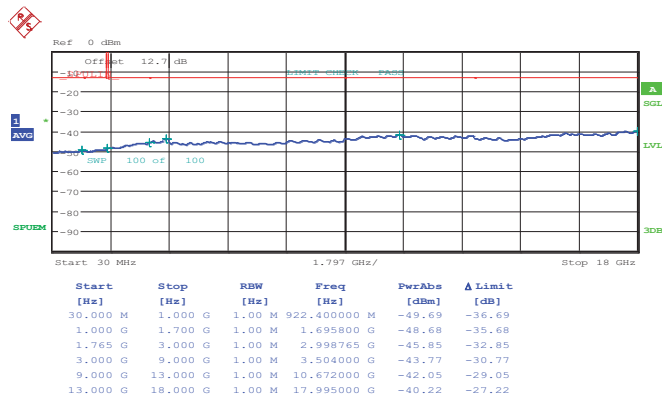


Date: 11.APR.2014 19:29:45



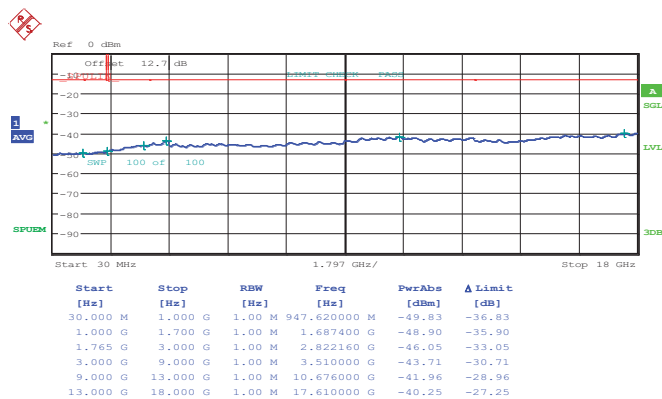
Band :	LTE Band 4	Channel :	CH19975 (Low)
Bandwidth :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 19:39:23

16QAM (RB Size 1, RB Offset 0)

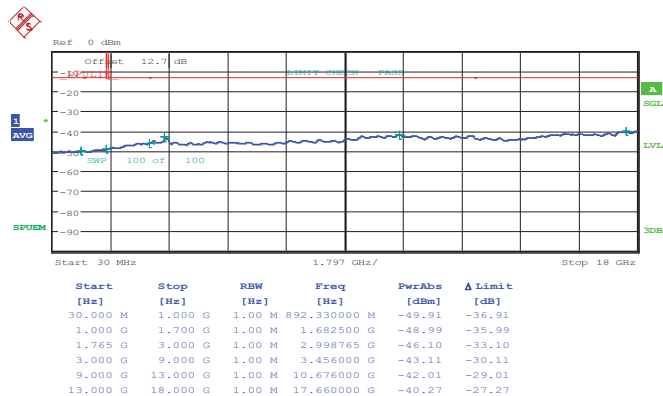


Date: 11.APR.2014 19:40:23



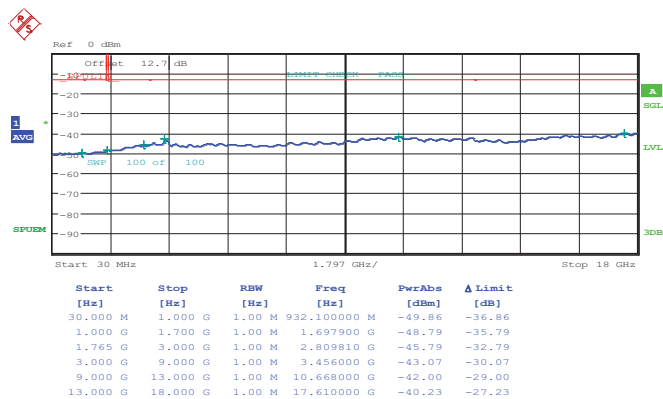
Band :	LTE Band 4	Channel :	CH20175 (Middle)
Bandwidth :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 19:42:29

16QAM (RB Size 1, RB Offset 0)

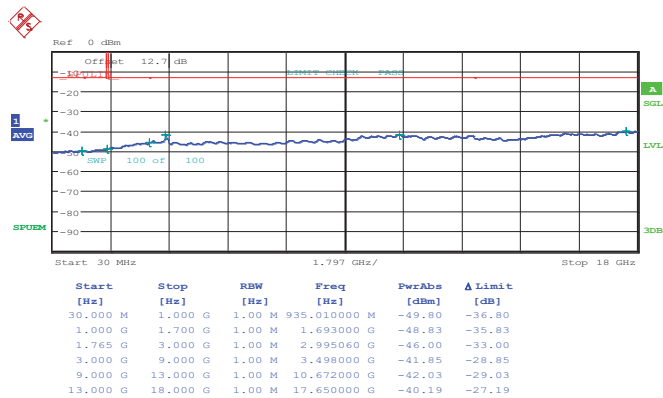


Date: 11.APR.2014 19:43:29



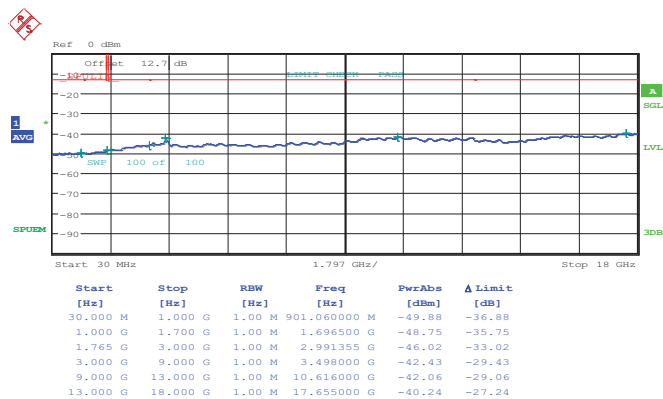
Band :	LTE Band 4	Channel :	CH20375 (High)
Bandwidth :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 19:48:42

16QAM (RB Size 1, RB Offset 0)

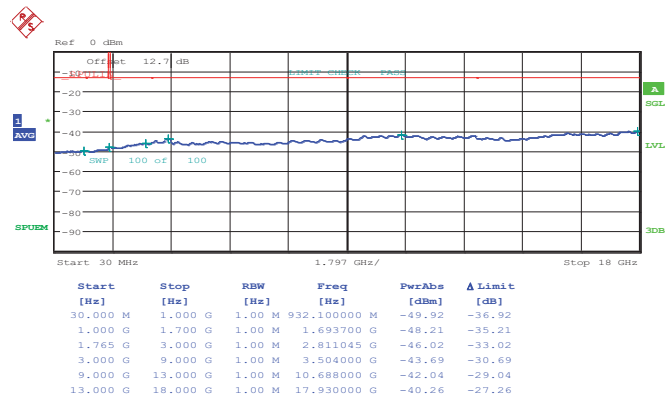


Date: 11.APR.2014 19:49:42



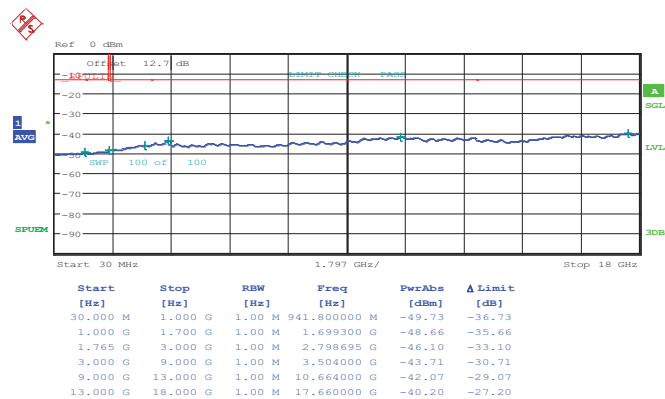
Band :	LTE Band 4	Channel :	CH20000 (Low)
Bandwidth :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 19:55:11

16QAM (RB Size 1, RB Offset 0)

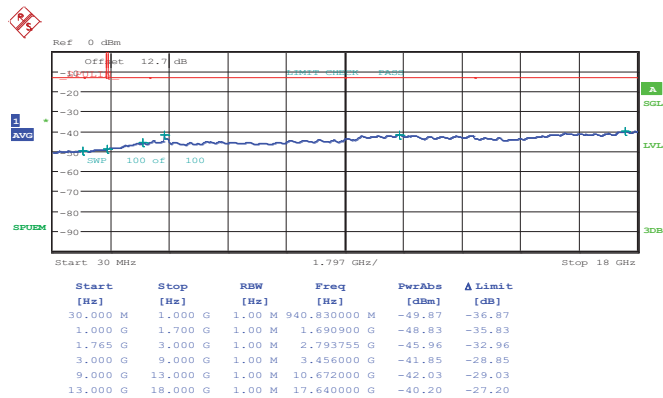


Date: 11.APR.2014 19:56:11



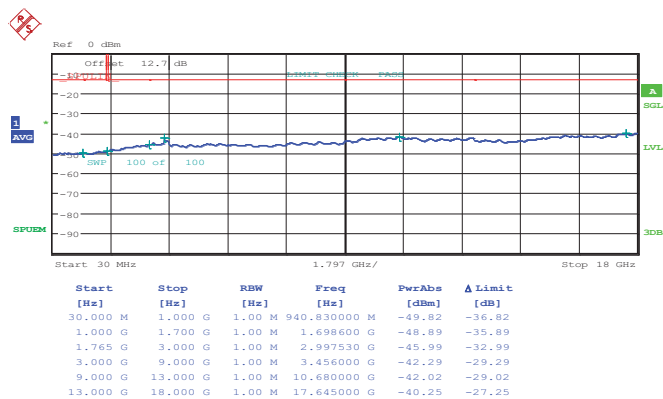
Band :	LTE Band 4	Channel :	CH20175 (Middle)
Bandwidth :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 19:58:17

16QAM (RB Size 1, RB Offset 0)

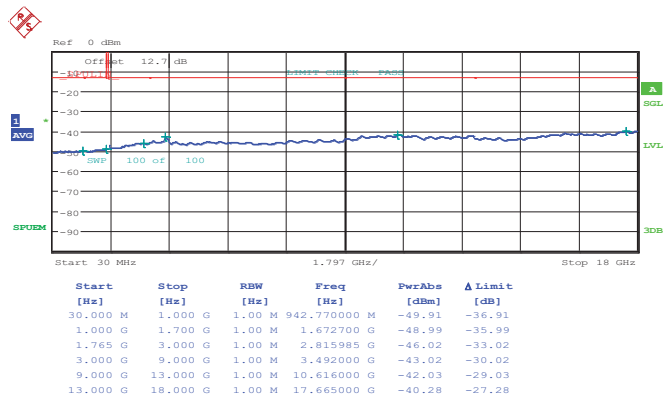


Date: 11.APR.2014 19:59:17



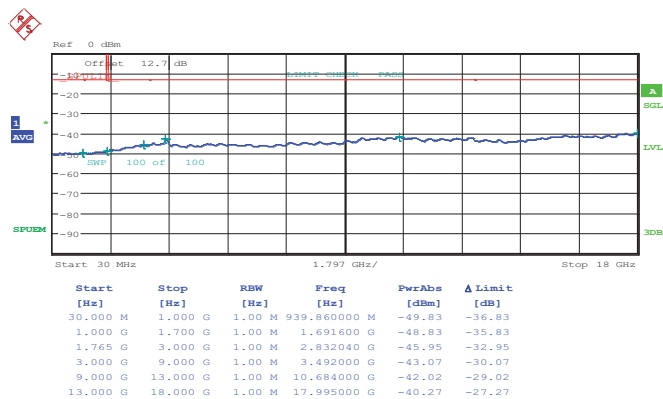
Band :	LTE Band 4	Channel :	CH20350 (High)
Bandwidth :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 20:04:30

16QAM (RB Size 1, RB Offset 0)

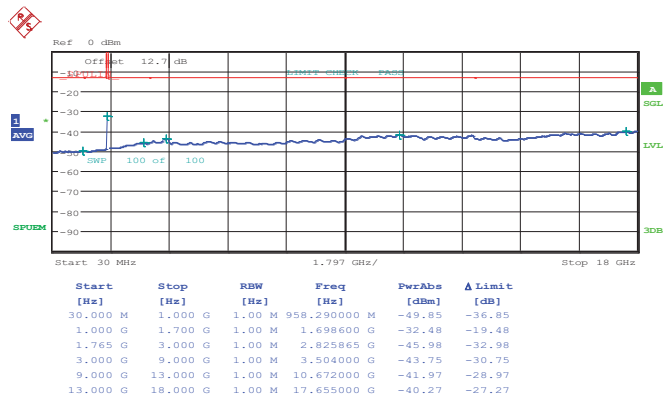


Date: 11.APR.2014 20:05:30



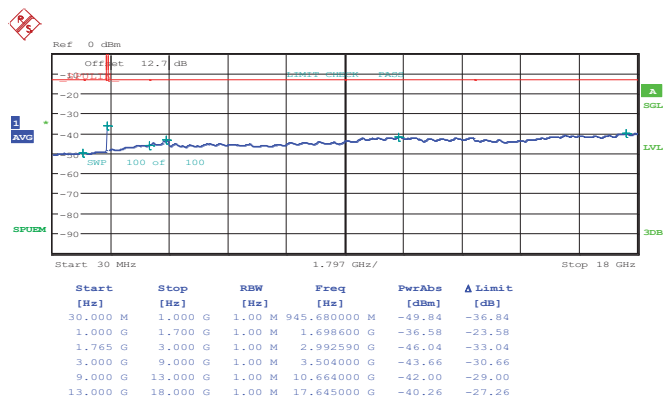
Band :	LTE Band 4	Channel :	CH20025 (Low)
Bandwidth :	15MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 20:11:43

16QAM (RB Size 1, RB Offset 0)

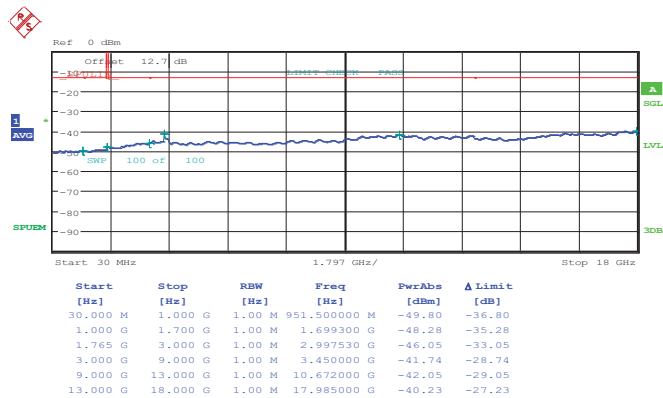


Date: 11.APR.2014 20:12:43



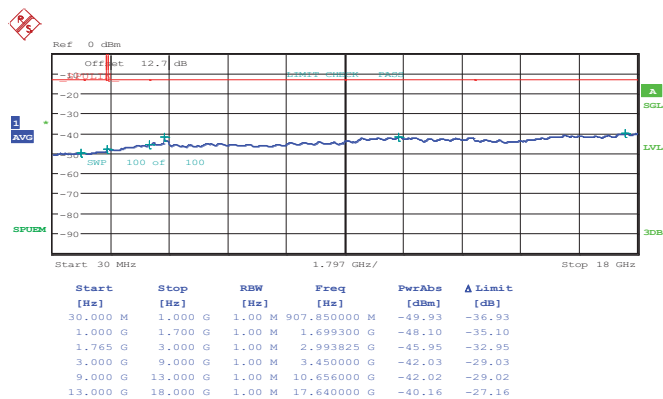
Band :	LTE Band 4	Channel :	CH20175 (Middle)
Bandwidth :	15MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 20:14:49

16QAM (RB Size 1, RB Offset 0)

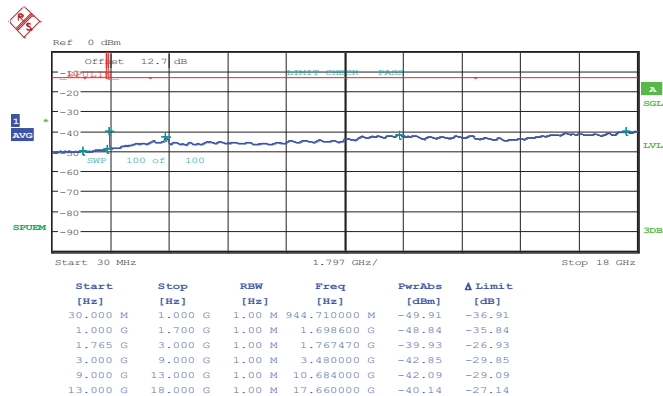


Date: 11.APR.2014 20:15:49



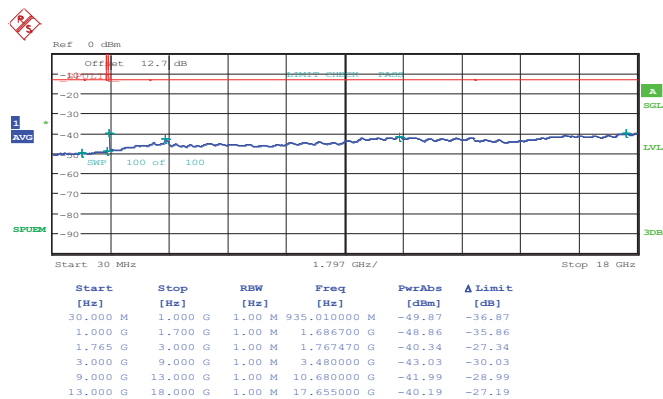
Band :	LTE Band 4	Channel :	CH20325 (High)
Bandwidth :	15MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 20:21:02

16QAM (RB Size 1, RB Offset 0)

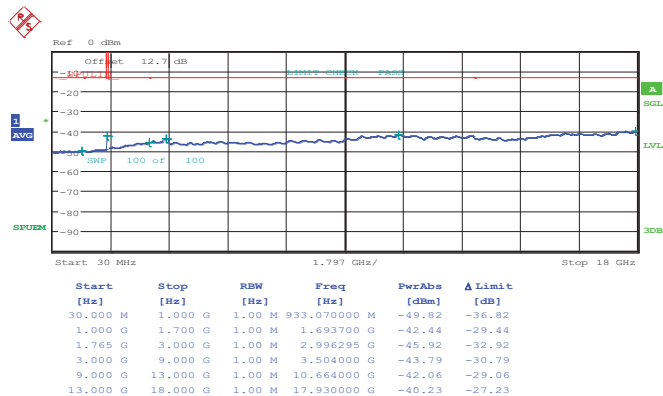


Date: 11.APR.2014 20:22:02



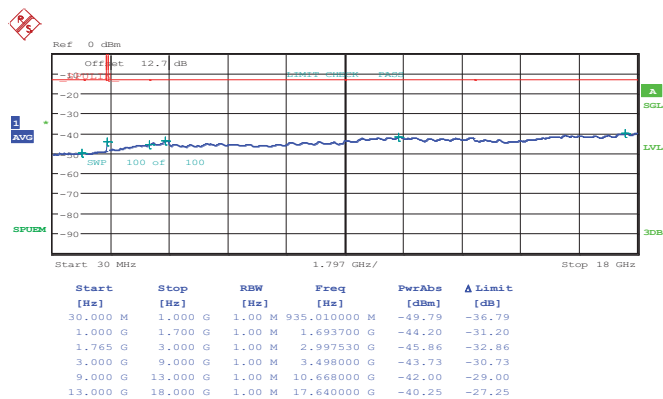
Band :	LTE Band 4	Channel :	CH20050 (Low)
Bandwidth :	20MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 20:30:14

16QAM (RB Size 1, RB Offset 0)

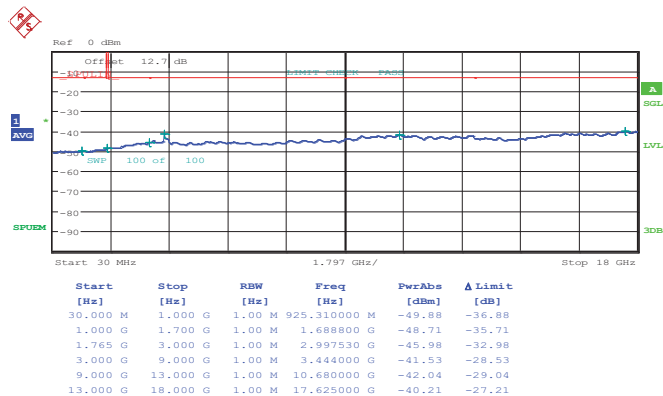


Date: 11.APR.2014 20:31:13



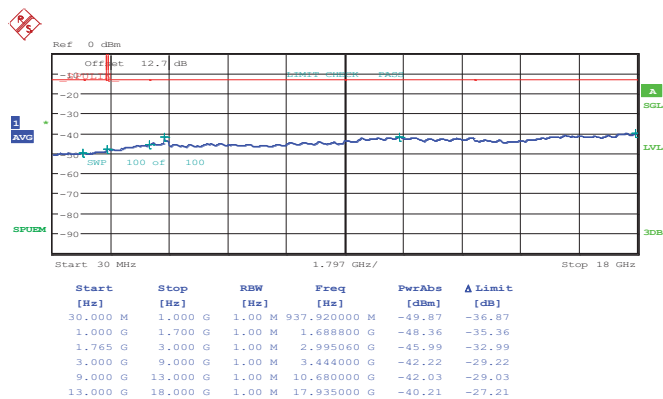
Band :	LTE Band 4	Channel :	CH20175 (Middle)
Bandwidth :	20MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 20:33:19

16QAM (RB Size 1, RB Offset 0)

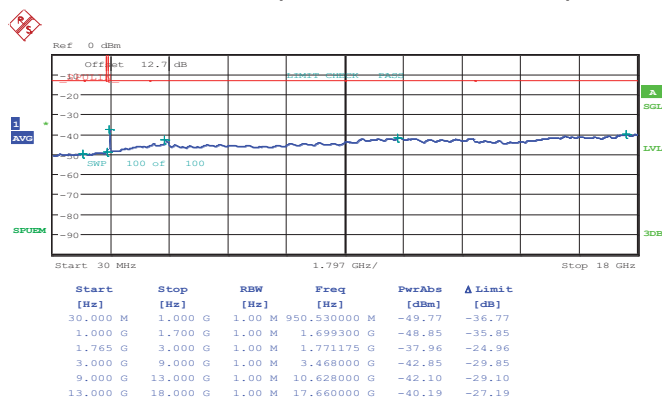


Date: 11.APR.2014 20:34:19



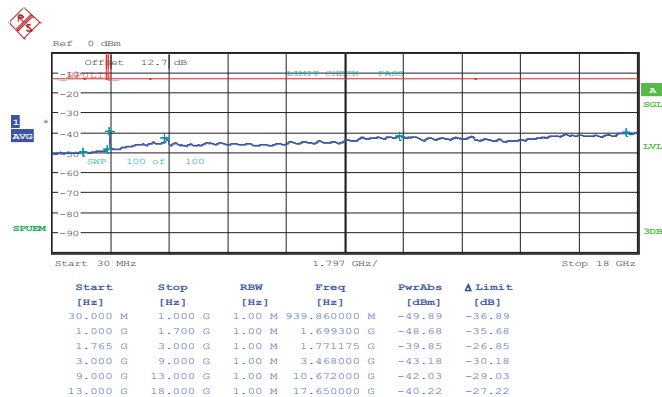
Band :	LTE Band 4	Channel :	CH20300 (High)
Bandwidth :	20MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 11.APR.2014 20:39:33

16QAM (RB Size 1, RB Offset 0)



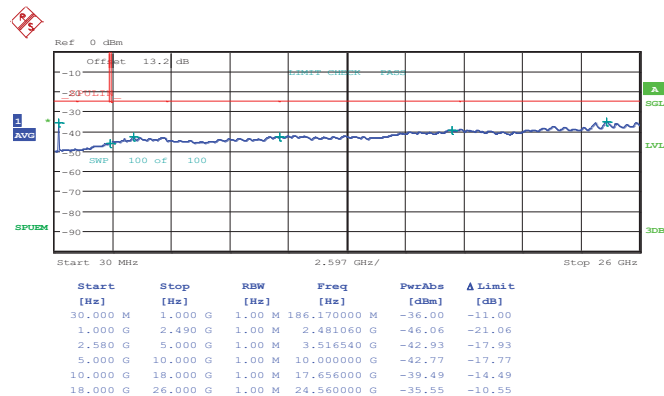
Date: 11.APR.2014 20:40:33

Note: The total loss is 12.6 dB of the RF cable and attenuator of LTE Band 4, and has been compensated to the spectrum analyzer offset.



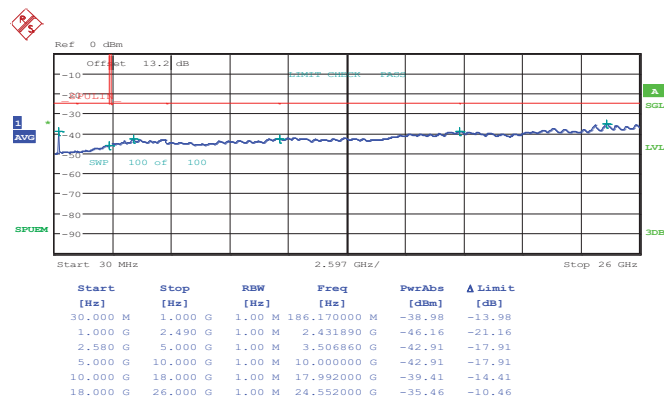
Band :	LTE Band 7	Channel :	CH20775 (Low)
Bandwidth :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 12.APR.2014 16:32:21

16QAM (RB Size 1, RB Offset 0)

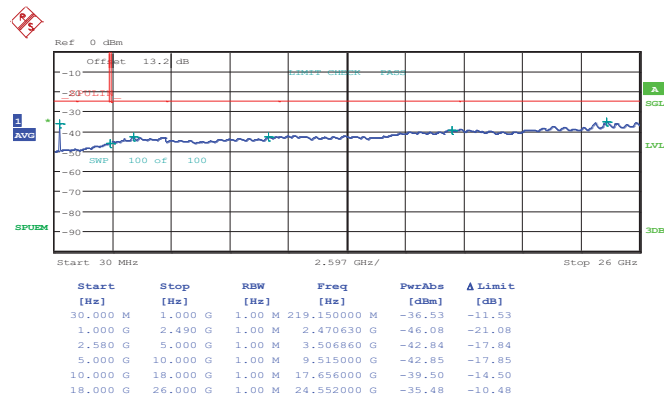


Date: 12.APR.2014 16:33:24



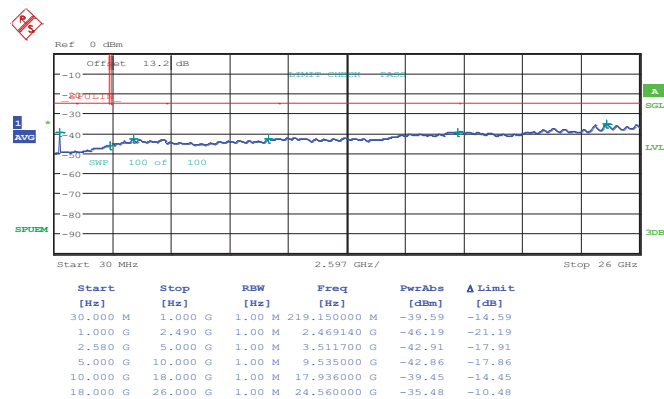
Band :	LTE Band 7	Channel :	CH21100 (Middle)
Bandwidth :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 12.APR.2014 16:35:33

16QAM (RB Size 1, RB Offset 0)

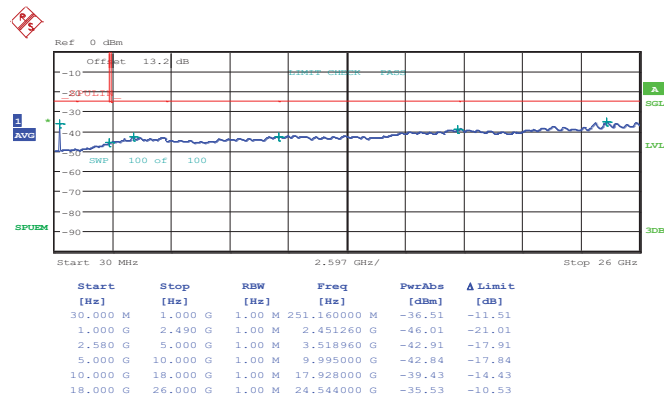


Date: 12.APR.2014 16:36:35



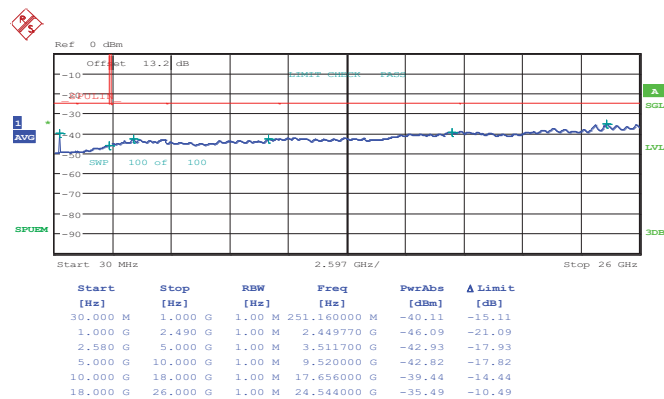
Band :	LTE Band 7	Channel :	CH21425 (High)
Bandwidth :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 12.APR.2014 16:41:51

16QAM (RB Size 1, RB Offset 0)

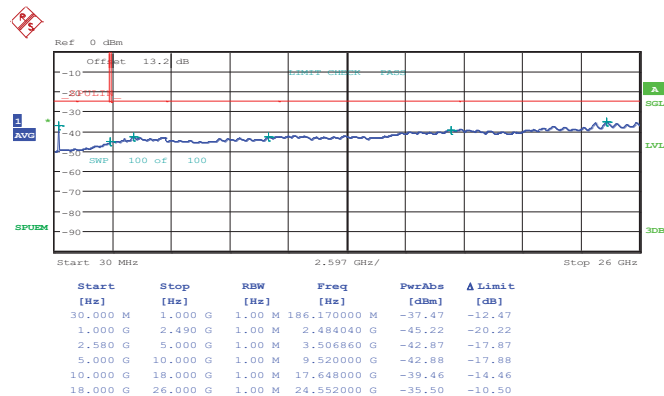


Date: 12.APR.2014 16:42:54



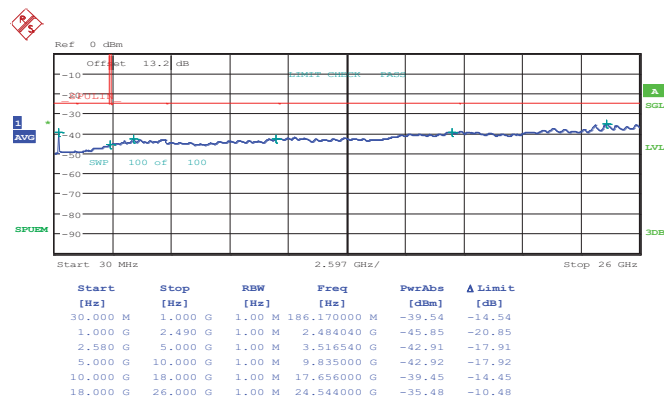
Band :	LTE Band 7	Channel :	CH20800 (Low)
Bandwidth :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 12.APR.2014 16:48:13

16QAM (RB Size 1, RB Offset 0)

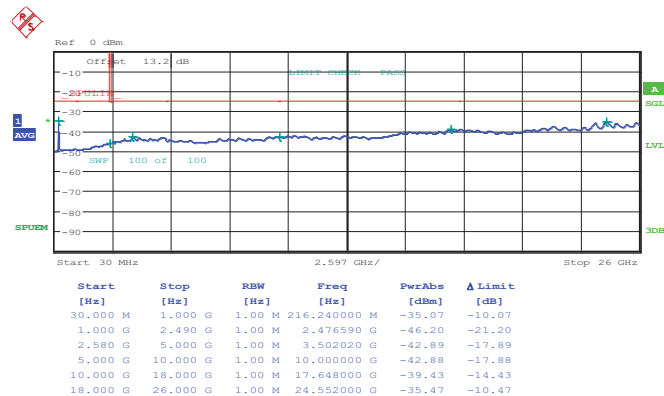


Date: 12.APR.2014 16:49:16



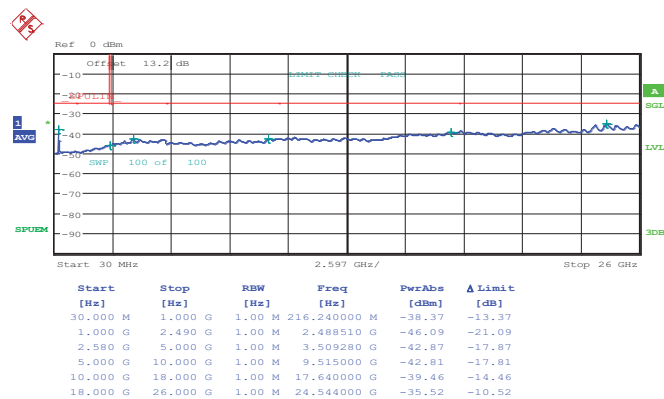
Band :	LTE Band 7	Channel :	CH21100 (Middle)
Bandwidth :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 12.APR.2014 16:51:25

16QAM (RB Size 1, RB Offset 0)

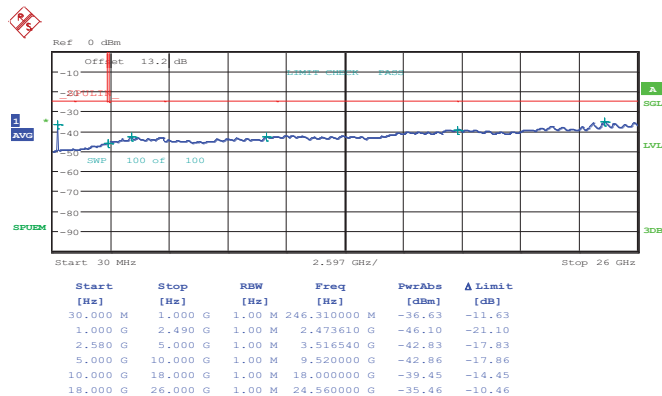


Date: 12.APR.2014 16:52:27



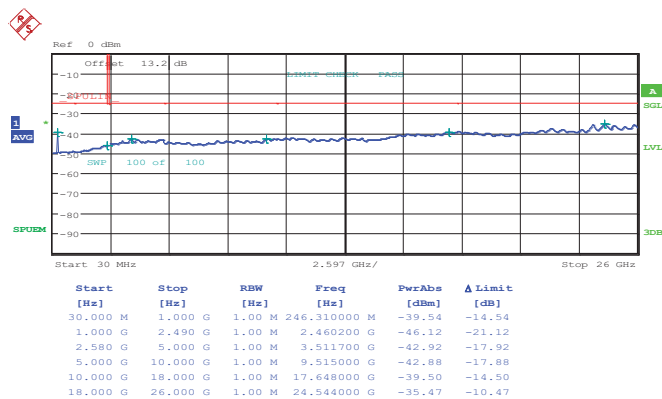
Band :	LTE Band 7	Channel :	CH21400 (High)
Bandwidth :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 12.APR.2014 16:57:43

16QAM (RB Size 1, RB Offset 0)

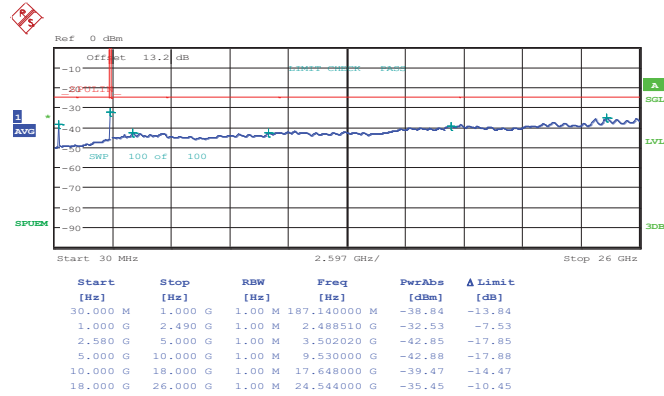


Date: 12.APR.2014 16:58:46



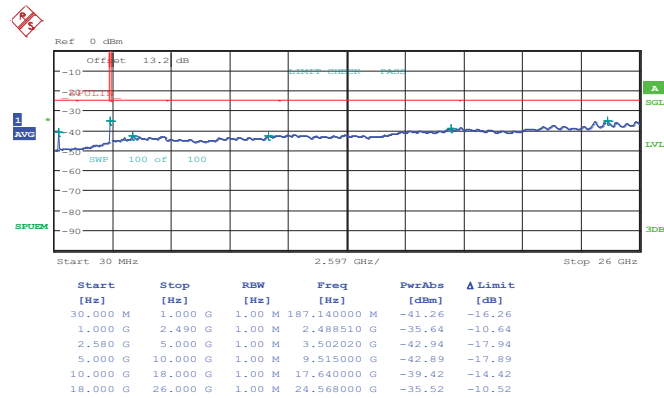
Band :	LTE Band 7	Channel :	CH20825 (Low)
Bandwidth :	15MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 12.APR.2014 17:05:21

16QAM (RB Size 1, RB Offset 0)

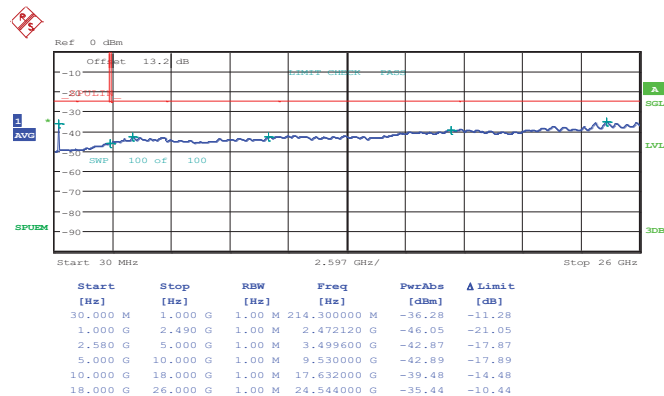


Date: 12.APR.2014 17:06:24



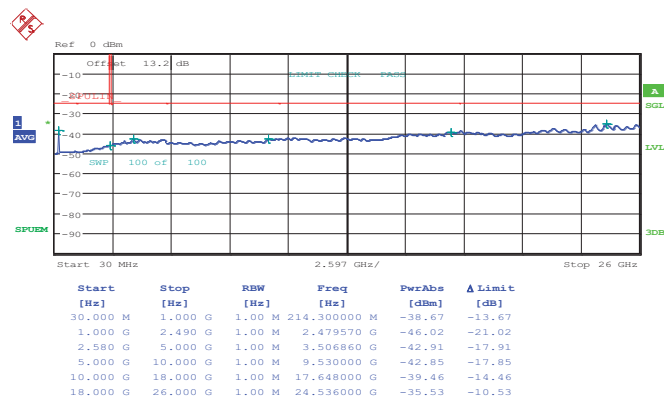
Band :	LTE Band 7	Channel :	CH21100 (Middle)
Bandwidth :	15MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 12.APR.2014 17:08:33

16QAM (RB Size 1, RB Offset 0)

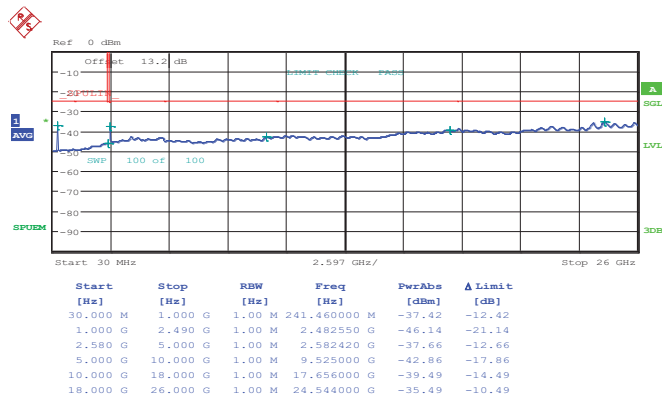


Date: 12.APR.2014 17:09:35



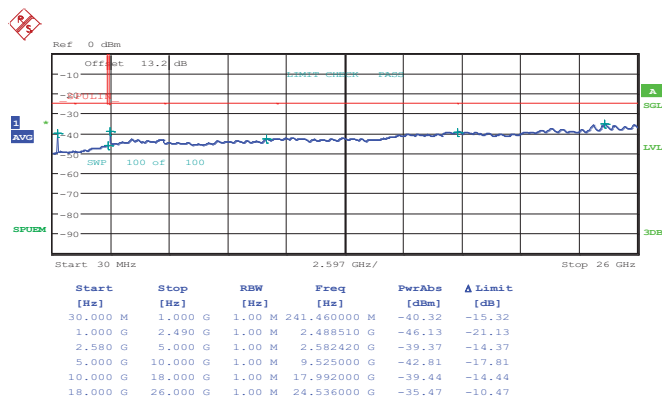
Band :	LTE Band 7	Channel :	CH21375 (High)
Bandwidth :	15MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 12.APR.2014 17:14:51

16QAM (RB Size 1, RB Offset 0)

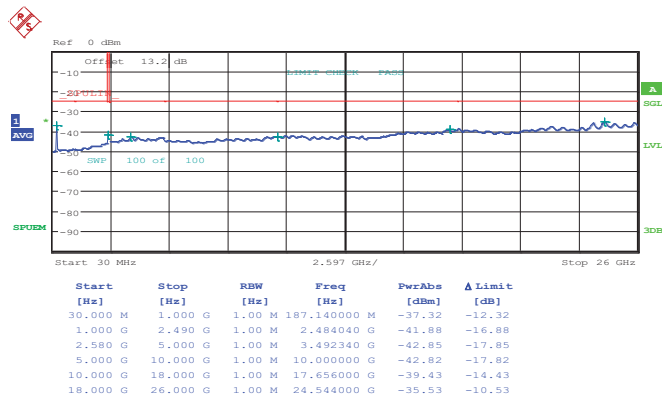


Date: 12.APR.2014 17:15:54



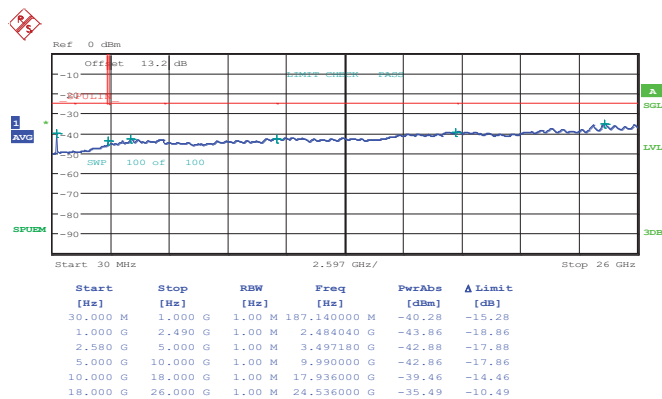
Band :	LTE Band 7	Channel :	CH20850 (Low)
Bandwidth :	20MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 12.APR.2014 17:21:13

16QAM (RB Size 1, RB Offset 0)

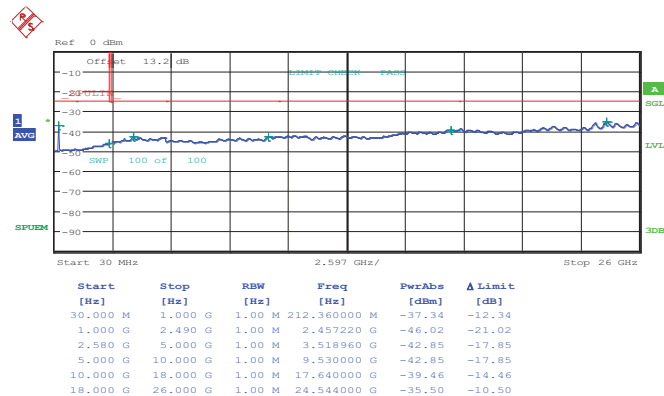


Date: 12.APR.2014 17:22:15



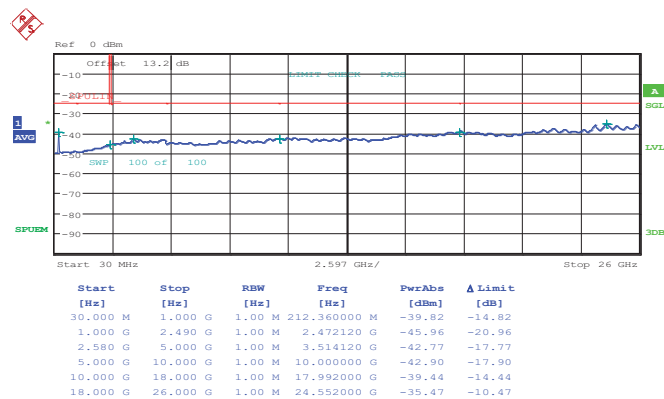
Band :	LTE Band 7	Channel :	CH21100 (Middle)
Bandwidth :	20MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 12.APR.2014 17:24:24

16QAM (RB Size 1, RB Offset 0)

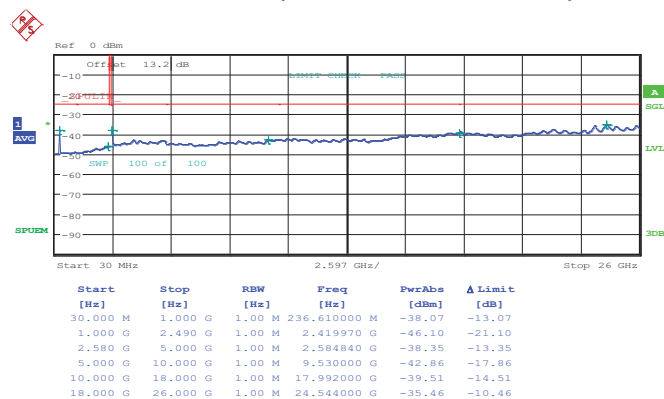


Date: 12.APR.2014 17:25:27



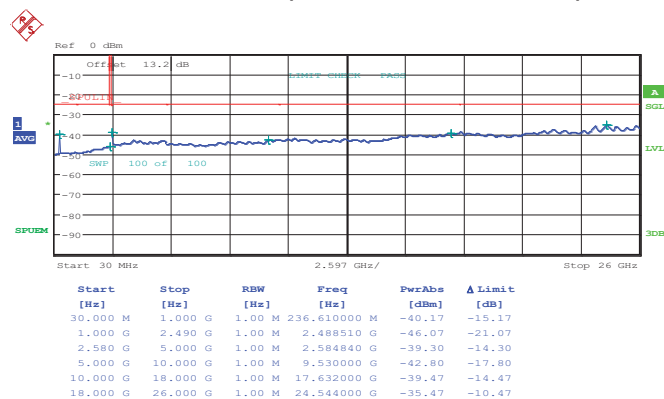
Band :	LTE Band 7	Channel :	CH21350 (High)
Bandwidth :	20MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 12.APR.2014 17:30:41

16QAM (RB Size 1, RB Offset 0)



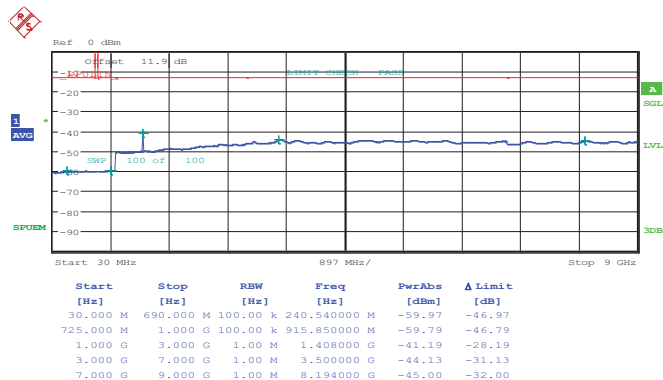
Date: 12.APR.2014 17:31:44

Note: The total loss is 13.2 dB of the RF cable and attenuator of LTE Band 7,
and has been compensated to the spectrum analyzer offset.



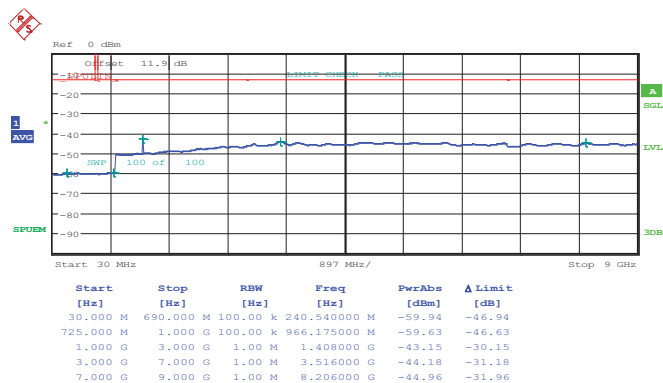
Band :	LTE Band 17	Channel :	CH23755 (Low)
Bandwidth :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 12.APR.2014 17:47:26

16QAM (RB Size 1, RB Offset 0)

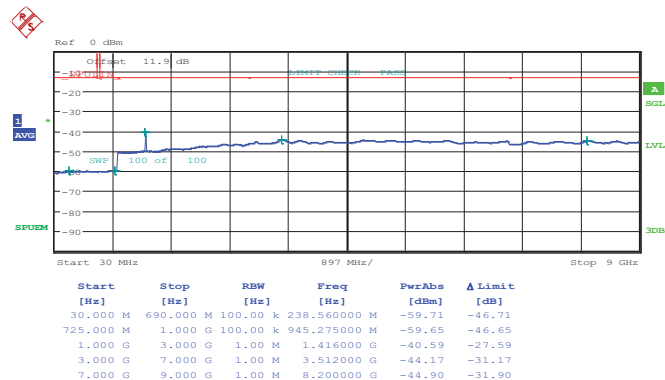


Date: 12.APR.2014 17:48:25



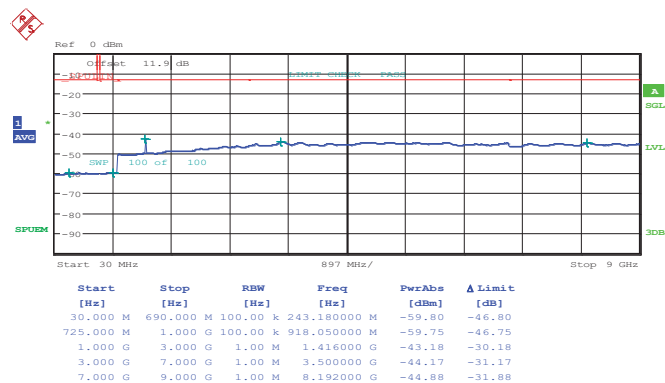
Band :	LTE Band 17	Channel :	CH23790 (Middle)
Bandwidth :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 12.APR.2014 17:50:31

16QAM (RB Size 1, RB Offset 0)

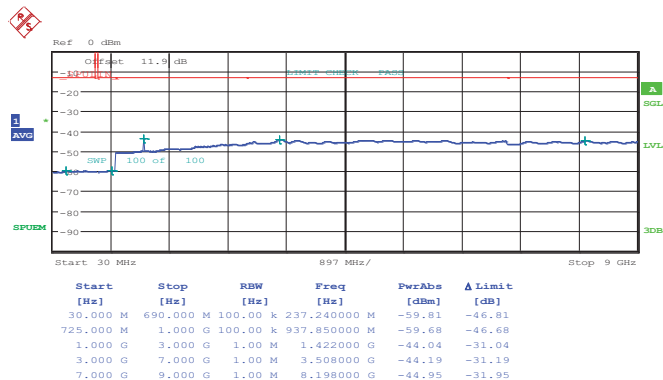


Date: 12.APR.2014 17:51:30



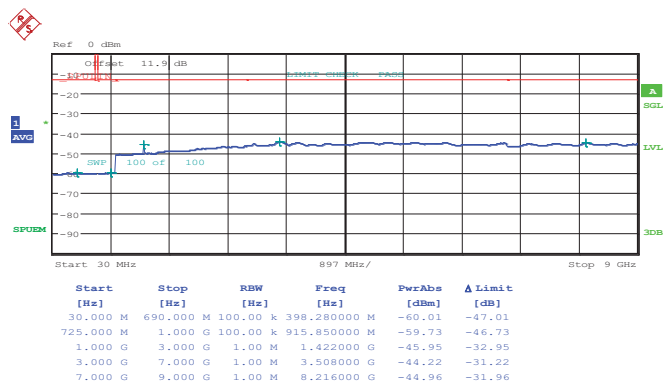
Band :	LTE Band 17	Channel :	CH23825 (High)
Bandwidth :	5MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 12.APR.2014 17:56:42

16QAM (RB Size 1, RB Offset 0)

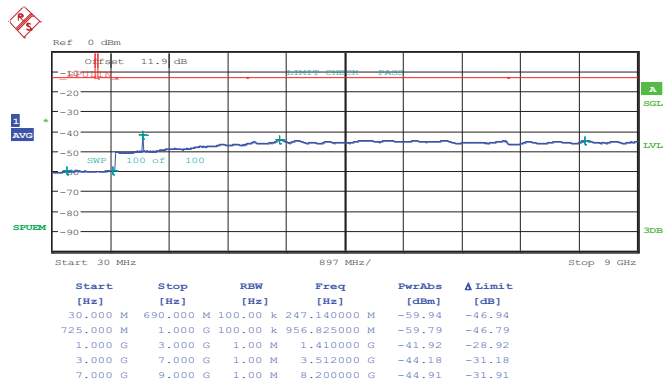


Date: 12.APR.2014 17:57:41



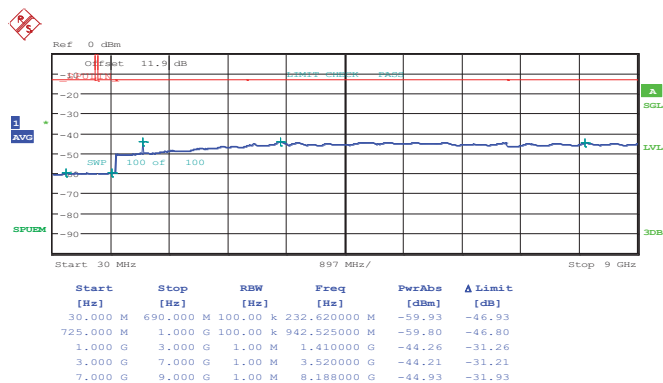
Band :	LTE Band 17	Channel :	CH23780 (Low)
Bandwidth :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 12.APR.2014 18:02:57

16QAM (RB Size 1, RB Offset 0)

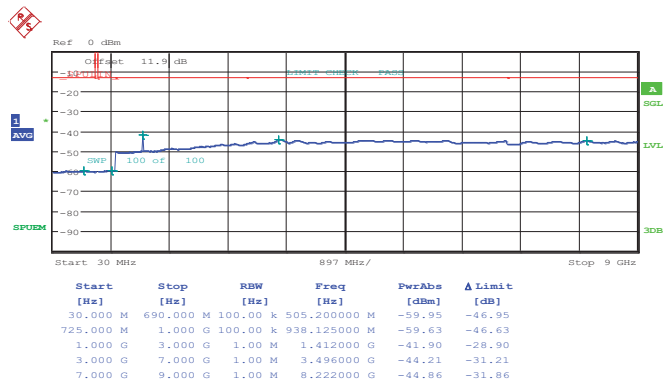


Date: 12.APR.2014 18:03:56



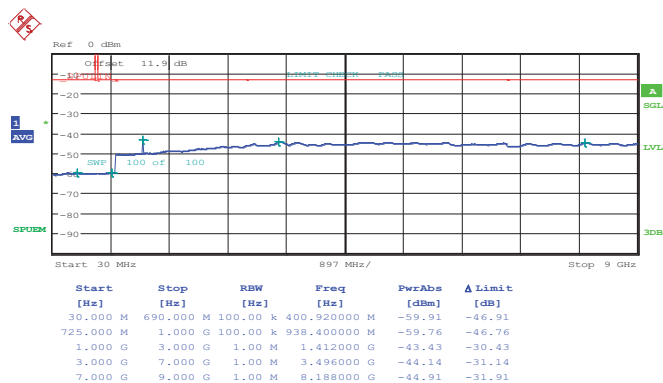
Band :	LTE Band 17	Channel :	CH23790 (Middle)
Bandwidth :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 12.APR.2014 18:06:01

16QAM (RB Size 1, RB Offset 0)

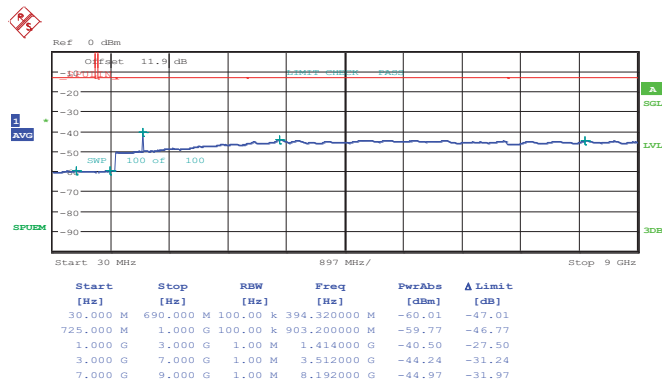


Date: 12.APR.2014 18:07:01



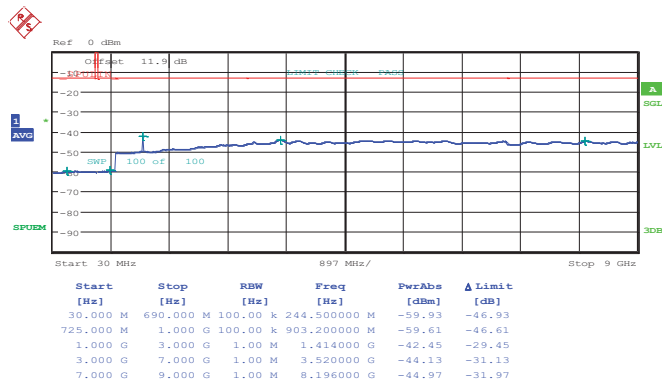
Band :	LTE Band 17	Channel :	CH23800 (High)
Bandwidth :	10MHz		

QPSK (RB Size 1, RB Offset 0)



Date: 12.APR.2014 18:12:12

16QAM (RB Size 1, RB Offset 0)



Date: 12.APR.2014 18:13:12

Note: The total loss is 11.9 dB of the RF cable and attenuator of LTE Band 17, and has been compensated to the spectrum analyzer offset.

3.7 Radiated Spurious Emission Measurement

3.7.1 Description of Radiated Spurious Emission

For Band 2 and 4 and 17

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 7

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.

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 EUT was placed on a rotatable wooden table with 0.8 meter above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. 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.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
8. Taking the record of output power at antenna port.
9. Repeat step 7 to step 8 for another polarization.
10. 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)

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

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

$$= -13\text{dBm}.$$

For Band 7

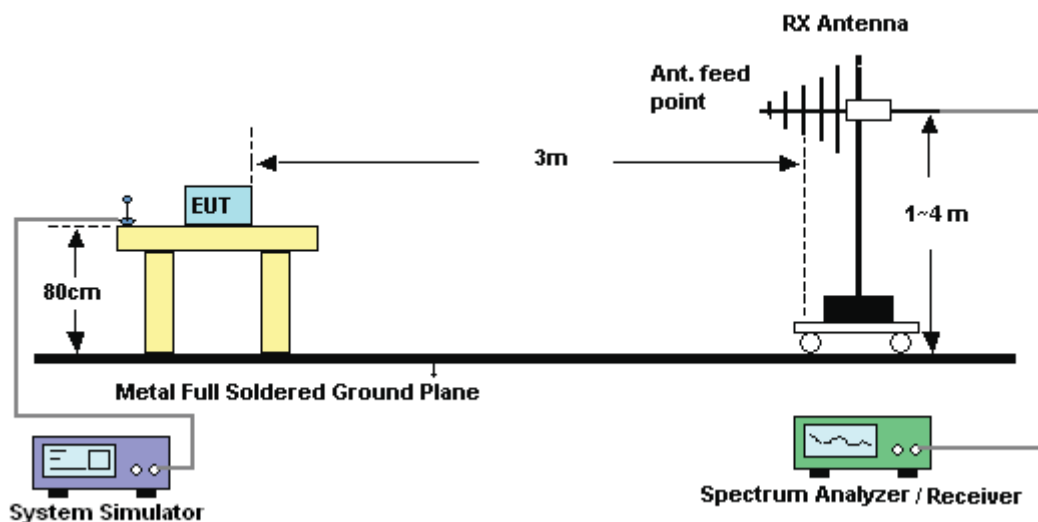
The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)

$$11. \text{ EIRP (dBm)} = \text{S.G. Power} - \text{Tx Cable Loss} + \text{Tx Antenna Gain}$$

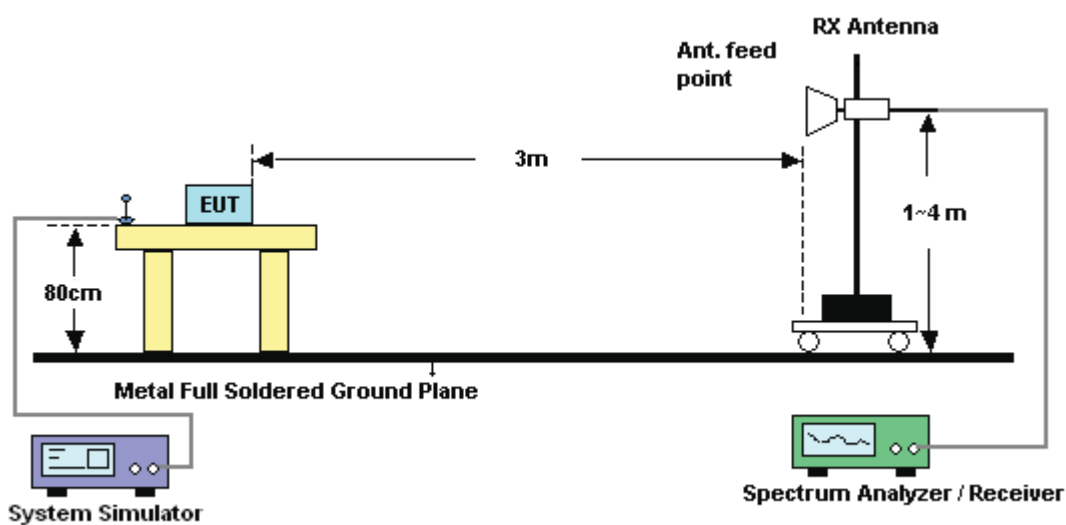
$$12. \text{ ERP (dBm)} = \text{EIRP} - 2.15$$

3.7.4 Test Setup

For radiated emissions from 30MHz to 1GHz



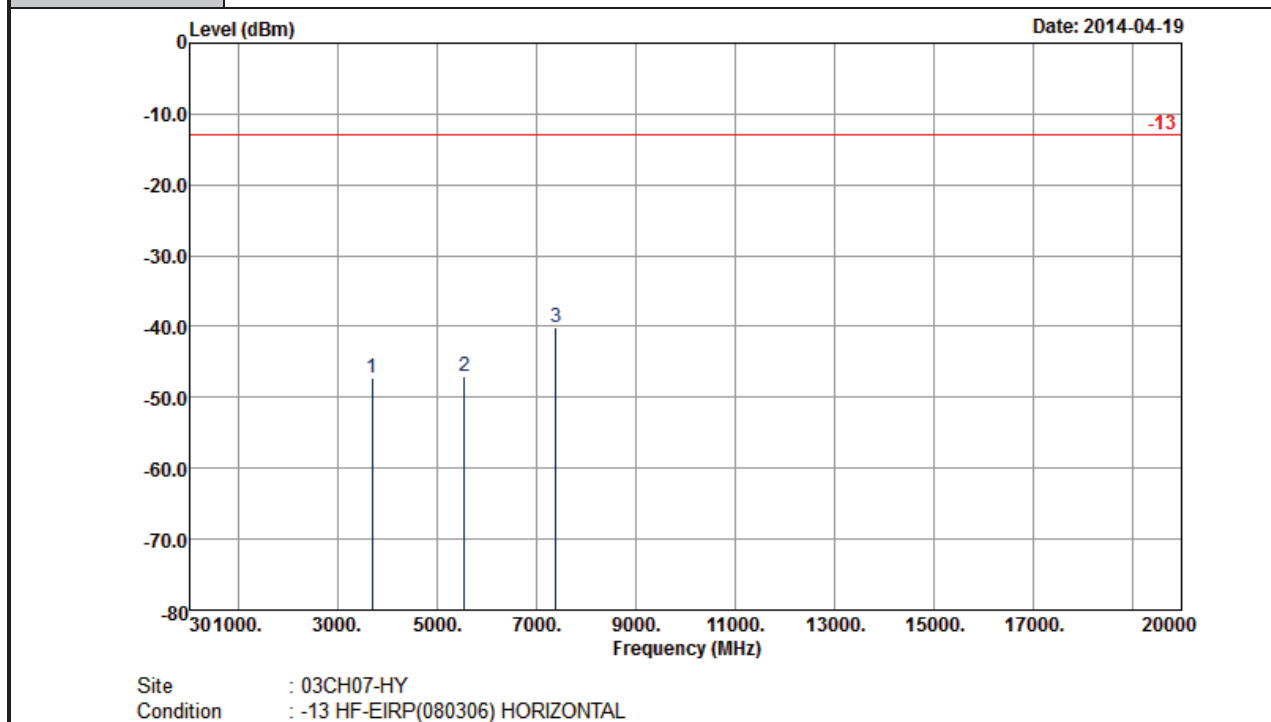
For radiated emissions above 1GHz



3.7.5 Test Result of Field Strength of Spurious Radiated

<Low Channel>

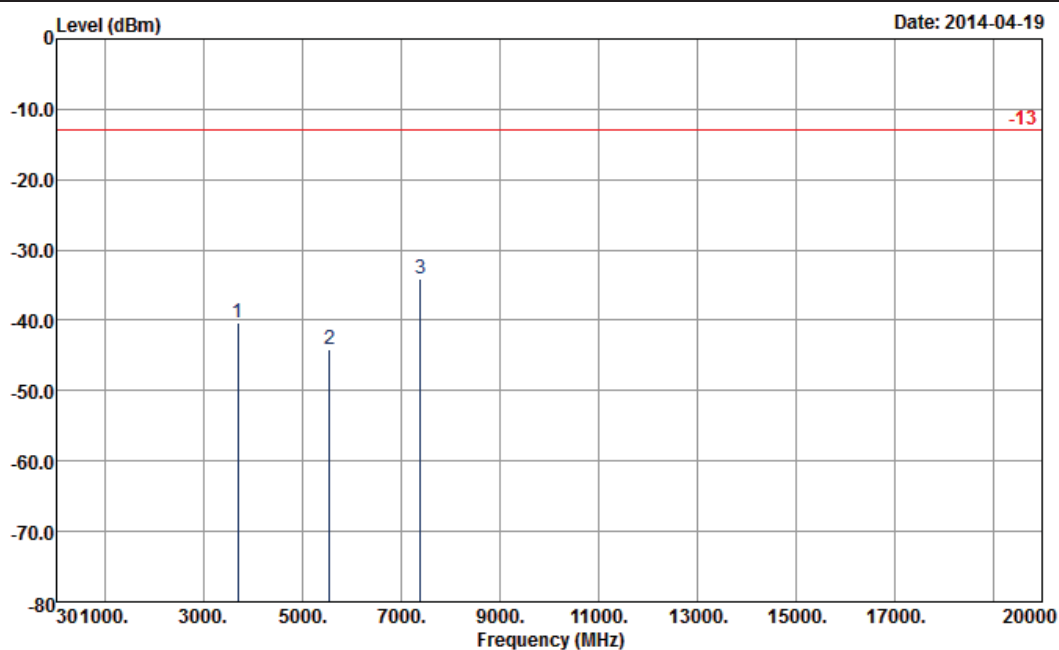
Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 5	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polariz ation (H/V)	Result
3702	-47.24	-13	-34.24	-62.79	-53.5	2.48	8.74	H	Pass
5555	-47.11	-13	-34.11	-67.69	-54.8	2.96	10.65	H	Pass
7404	-40.07	-13	-27.07	-67.62	-48.7	3.48	12.11	H	Pass



Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 5	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		

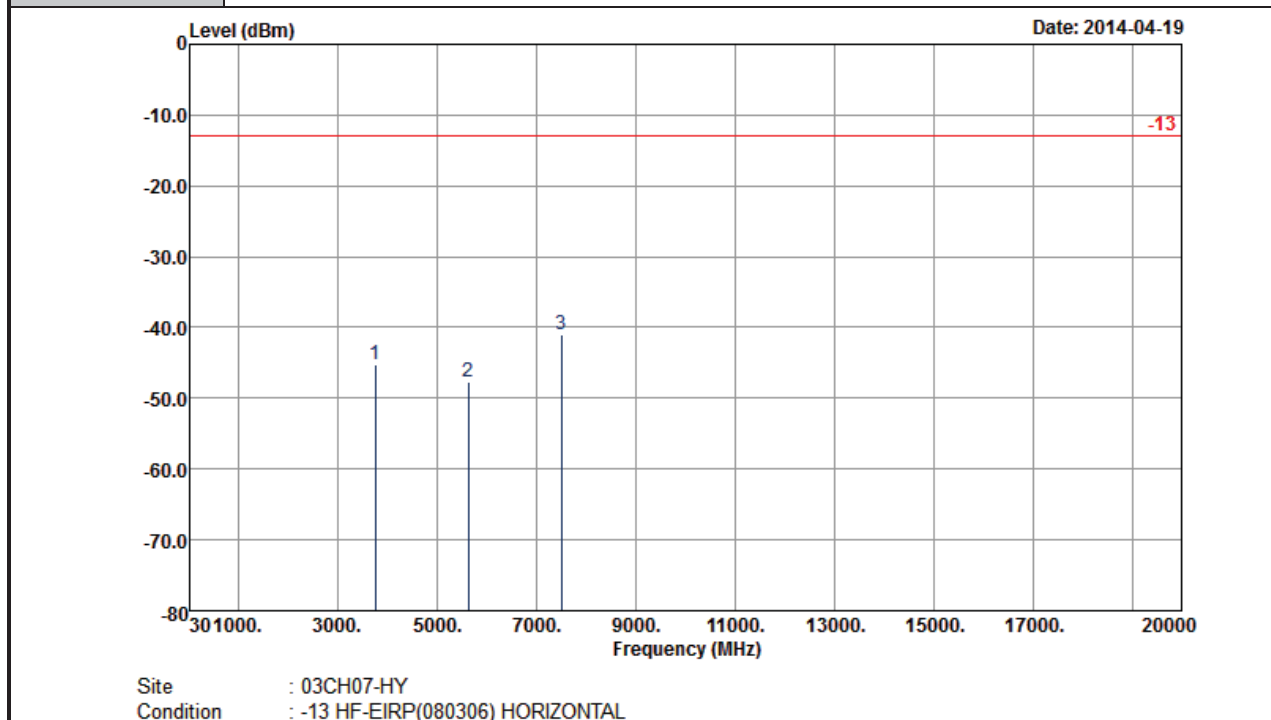


Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3702	-40.24	-13	-27.24	-56.73	-46.5	2.48	8.74	V	Pass
5555	-44.11	-13	-31.11	-64.54	-51.8	2.96	10.65	V	Pass
7404	-34.17	-13	-21.17	-61.14	-42.8	3.48	12.11	V	Pass

<Middle Channel>

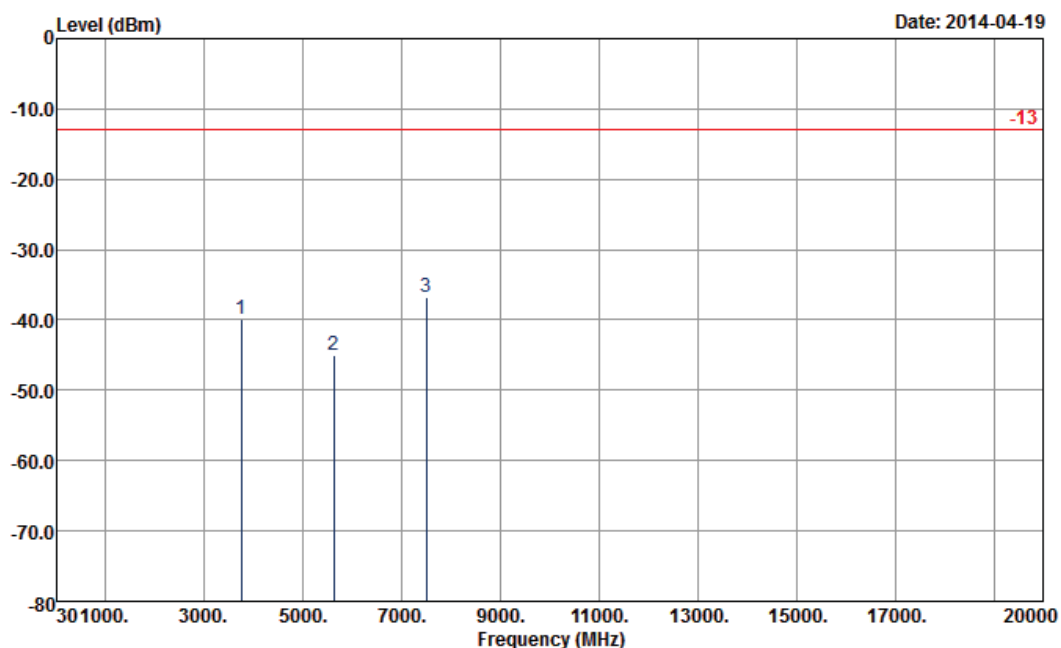
Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 5	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3762	-45.30	-13	-32.30	-60.98	-51.6	2.51	8.81	H	Pass
5641	-47.79	-13	-34.79	-68.82	-55.5	2.99	10.70	H	Pass
7522	-40.97	-13	-27.97	-68.45	-49.5	3.59	12.12	H	Pass



Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 5	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		

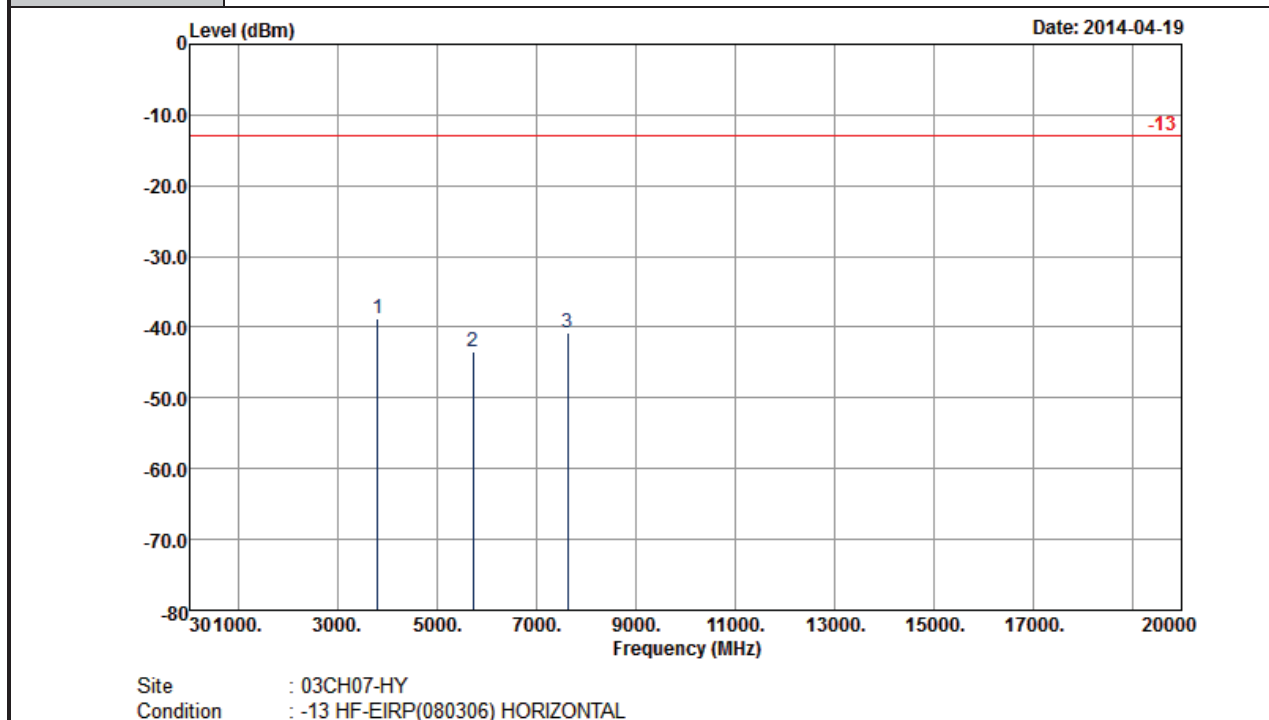


Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3762	-39.90	-13	-26.90	-56.4	-46.2	2.51	8.81	V	Pass
5641	-45.09	-13	-32.09	-65.72	-52.8	2.99	10.70	V	Pass
7522	-36.77	-13	-23.77	-64.28	-45.3	3.59	12.12	V	Pass

<High Channel>

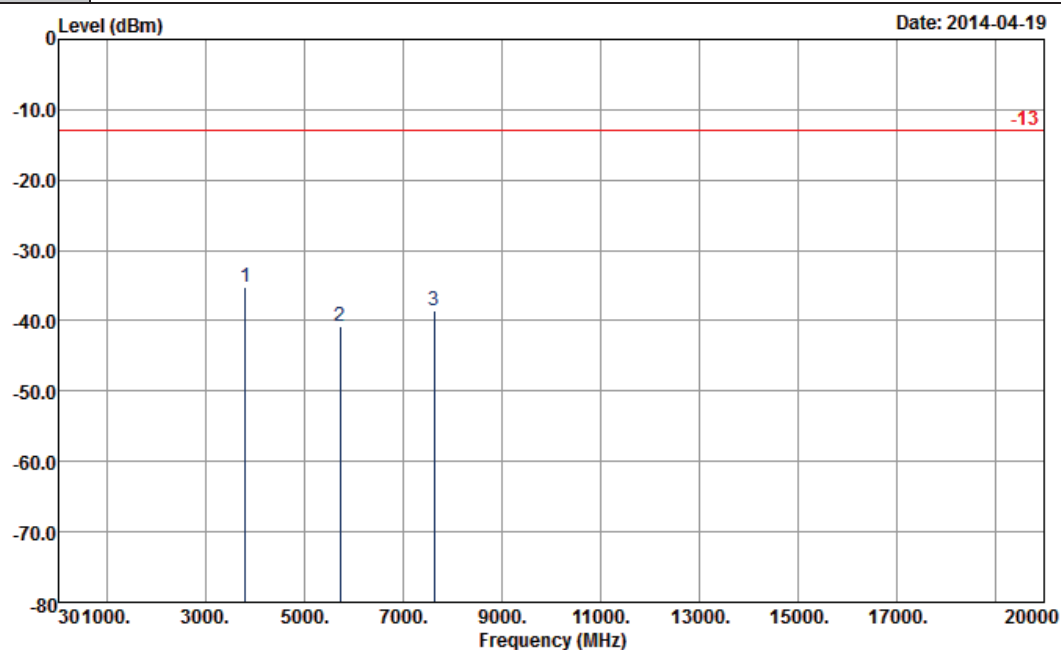
Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 5	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3819	-38.84	-13	-25.84	-54.67	-45.1	2.61	8.87	H	Pass
5730	-43.50	-13	-30.50	-64.85	-51.3	3.09	10.89	H	Pass
7641	-40.70	-13	-27.70	-67.27	-49.2	3.68	12.18	H	Pass



Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 5	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



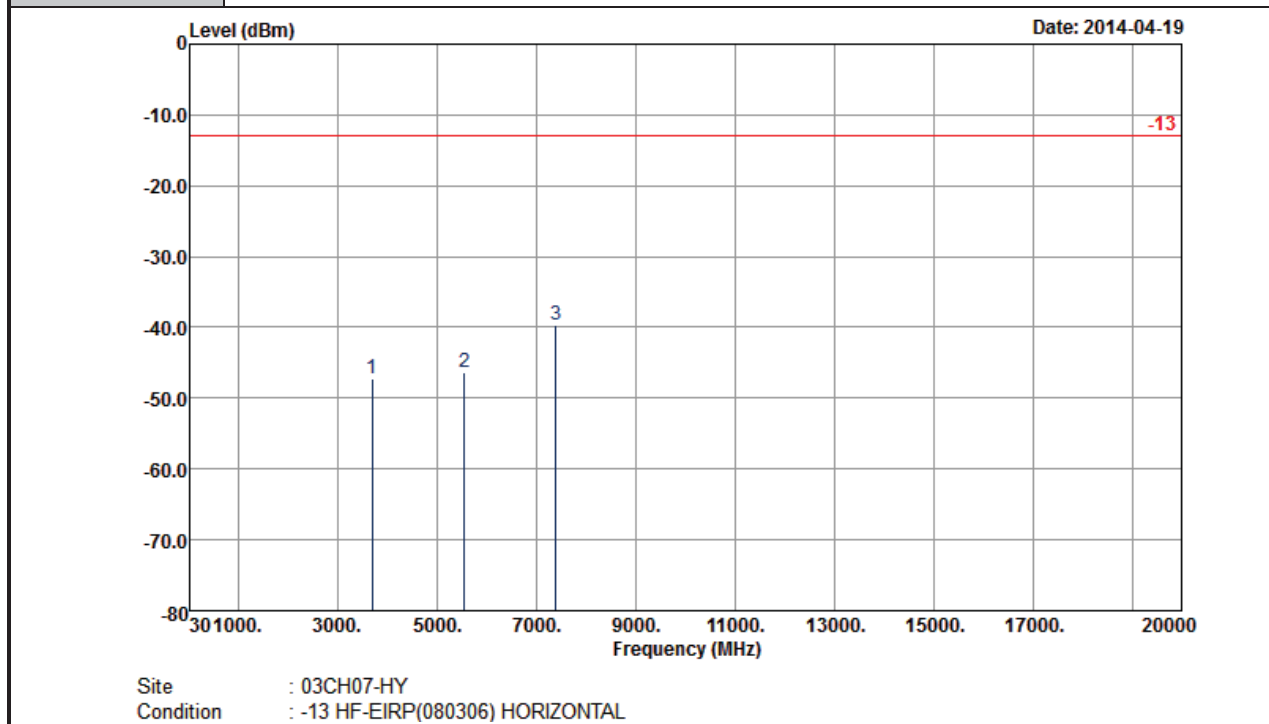
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3819	-35.24	-13	-22.24	-51.93	-41.5	2.61	8.87	V	Pass
5730	-40.80	-13	-27.80	-62.51	-48.6	3.09	10.89	V	Pass
7641	-38.60	-13	-25.60	-65.02	-47.1	3.68	12.18	V	Pass



<Low Channel>

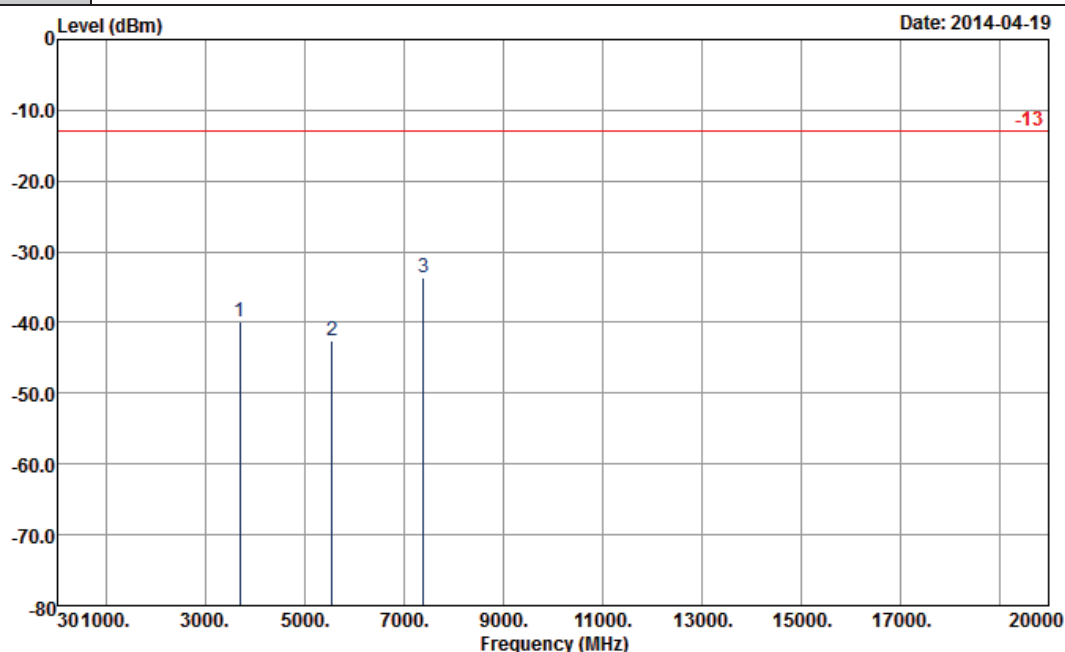
Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	3MHz QPSK RB Size 1 Offset 14	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3707	-47.34	-13	-34.34	-62.79	-53.6	2.47	8.73	H	Pass
5557	-46.45	-13	-33.45	-67.19	-54.2	2.93	10.68	H	Pass
7410	-39.58	-13	-26.58	-67.01	-48.3	3.42	12.14	H	Pass



Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	3MHz QPSK RB Size 1 Offset 14	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



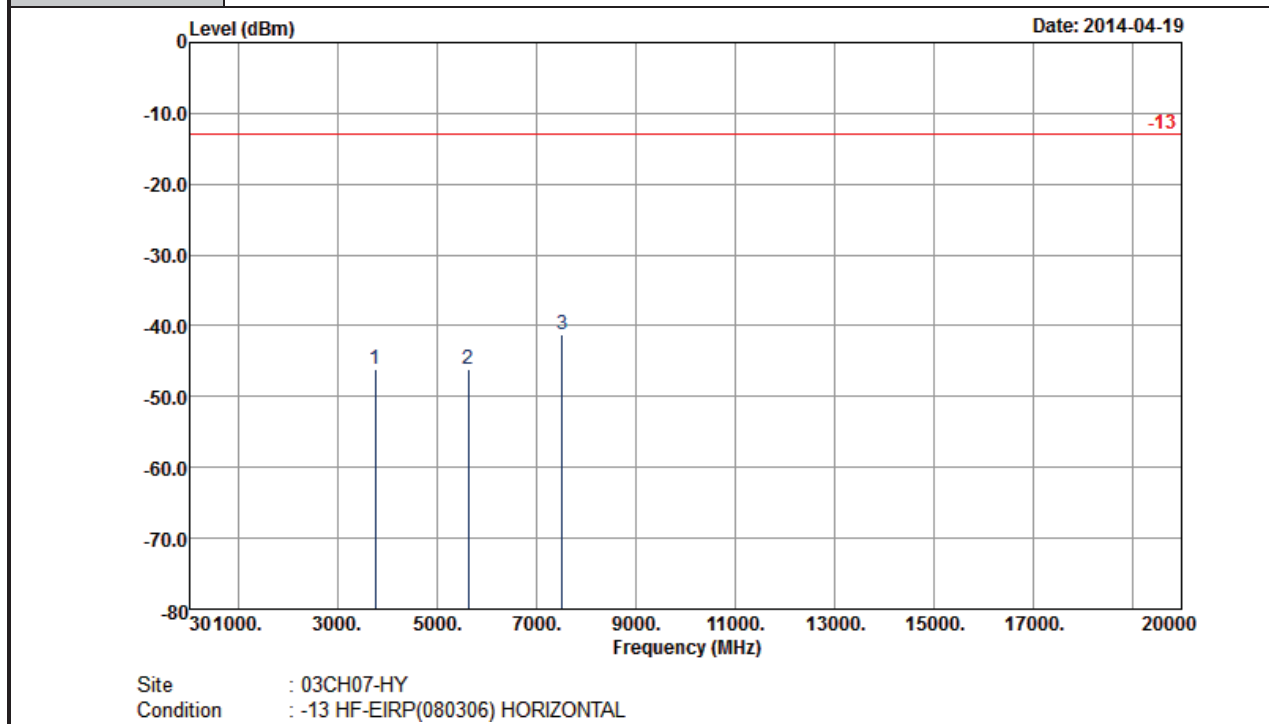
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3707	-39.84	-13	-26.84	-56.28	-46.1	2.47	8.73	V	Pass
5557	-42.55	-13	-29.55	-63.02	-50.3	2.93	10.68	V	Pass
7410	-33.68	-13	-20.68	-60.71	-42.4	3.42	12.14	V	Pass



<Middle Channel>

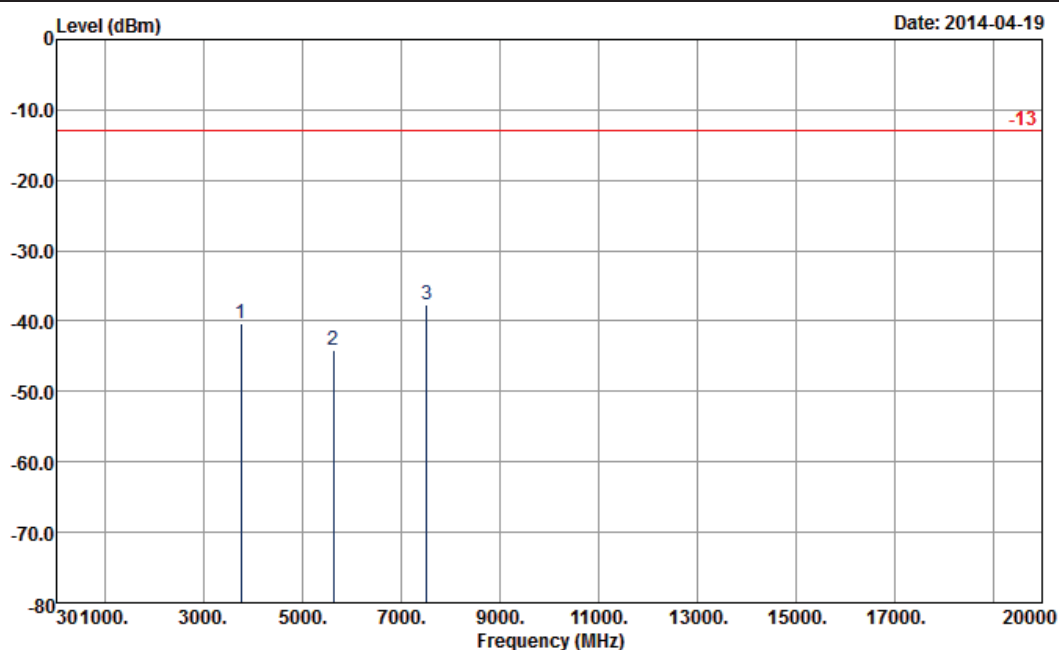
Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	3MHz QPSK RB Size 1 Offset 14	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3763	-46.20	-13	-33.20	-61.9	-52.5	2.51	8.81	H	Pass
5646	-46.09	-13	-33.09	-67.25	-53.8	2.99	10.70	H	Pass
7523	-41.27	-13	-28.27	-68.37	-49.8	3.59	12.12	H	Pass



Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	3MHz QPSK RB Size 1 Offset 14	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		

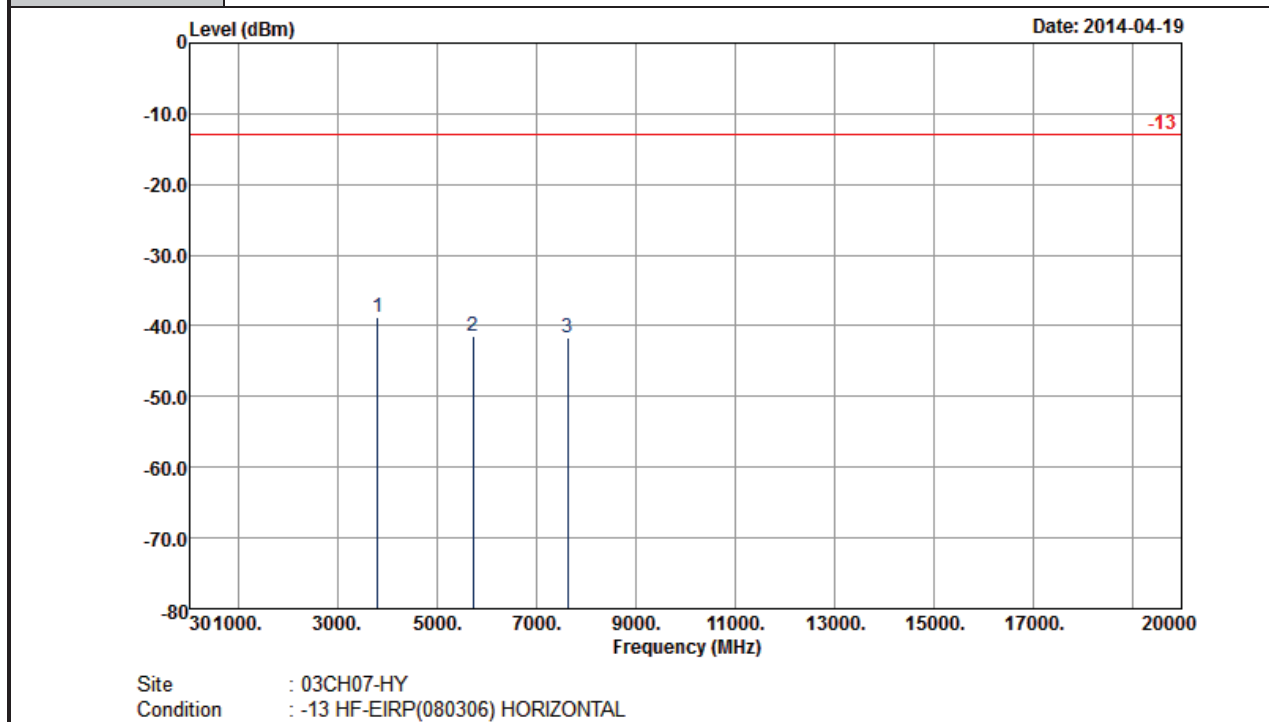


Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3763	-40.40	-13	-27.40	-56.62	-46.7	2.51	8.81	V	Pass
5646	-44.09	-13	-31.09	-64.82	-51.8	2.99	10.70	V	Pass
7523	-37.77	-13	-24.77	-64.75	-46.3	3.59	12.12	V	Pass

<High Channel>

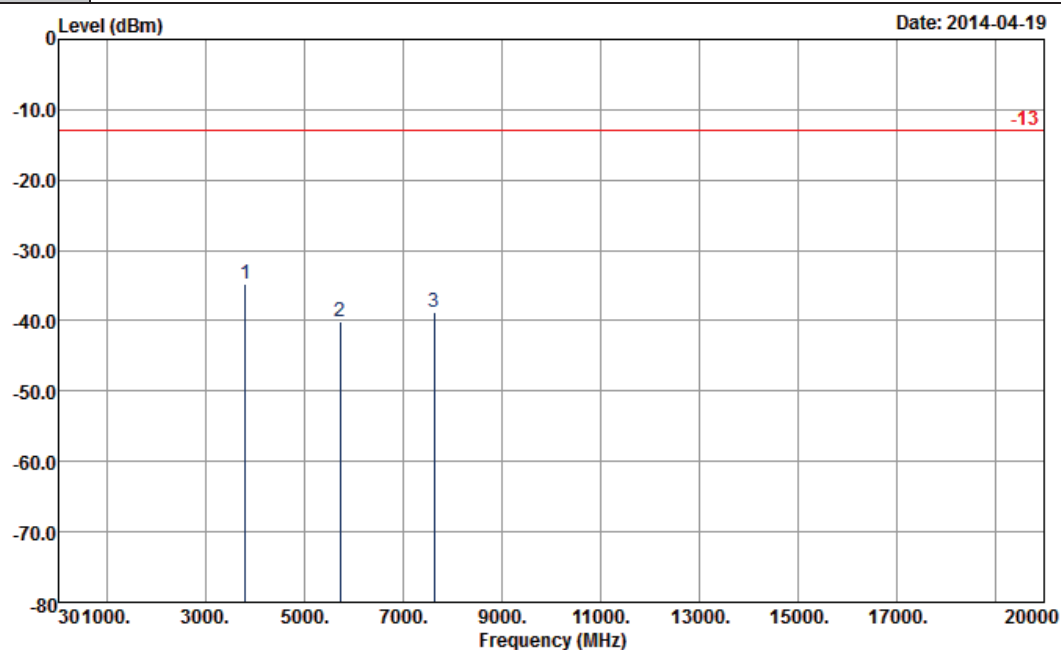
Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	3MHz QPSK RB Size 1 Offset 14	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3819	-38.87	-13	-25.87	-54.69	-45.1	2.64	8.87	H	Pass
5730	-41.36	-13	-28.36	-62.63	-49.1	3.08	10.82	H	Pass
7641	-41.71	-13	-28.71	-68.18	-50.2	3.64	12.13	H	Pass



Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	3MHz QPSK RB Size 1 Offset 14	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



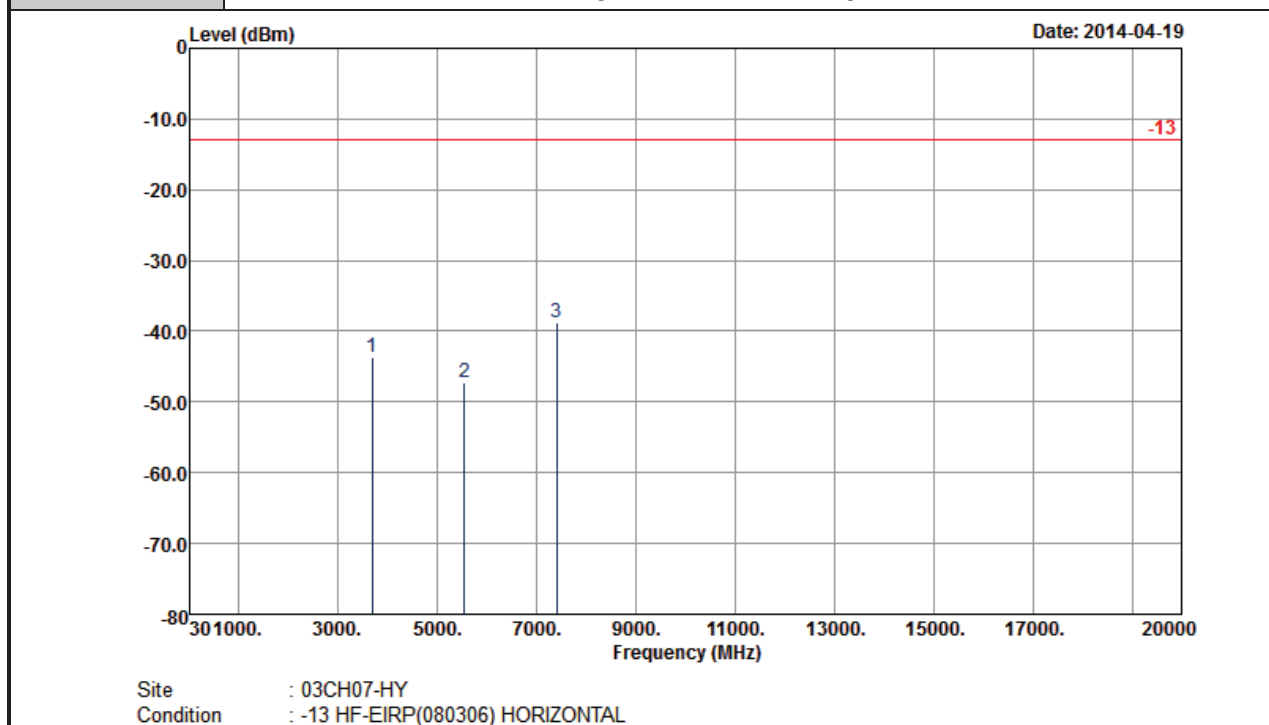
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3819	-34.87	-13	-21.87	-51.46	-41.1	2.64	8.87	V	Pass
5730	-40.16	-13	-27.16	-61.15	-47.9	3.08	10.82	V	Pass
7641	-38.71	-13	-25.71	-64.81	-47.2	3.64	12.13	V	Pass



<Low Channel>

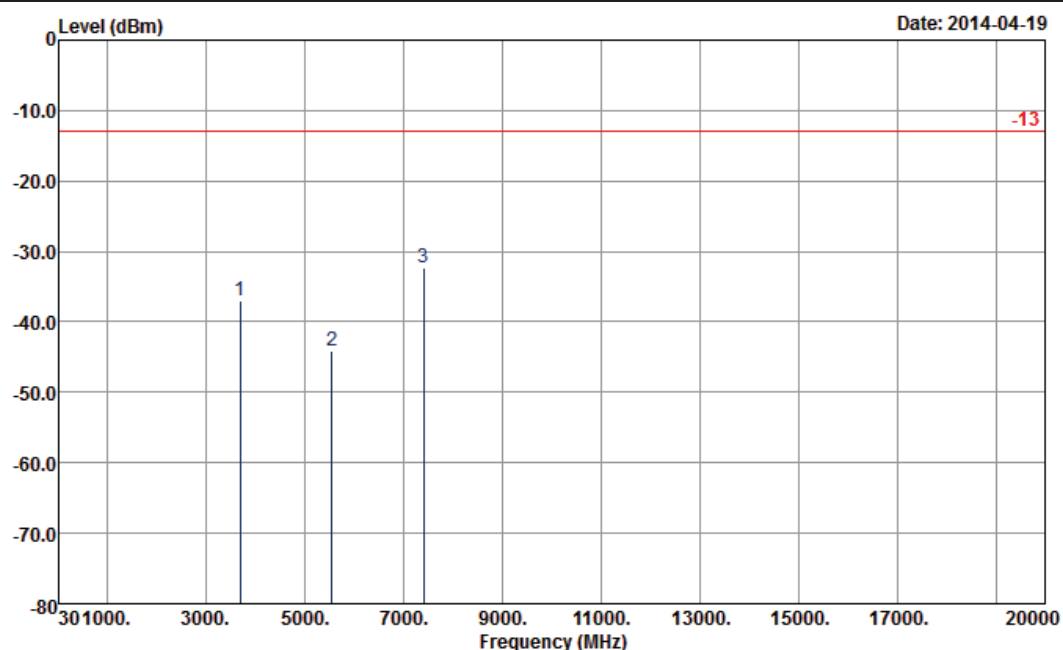
Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 24	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3708	-43.77	-13	-30.77	-59.13	-50.1	2.46	8.79	H	Pass
5562	-47.33	-13	-34.33	-68.03	-55.2	2.9	10.77	H	Pass
7417	-38.68	-13	-25.68	-66.42	-47.5	3.42	12.24	H	Pass



Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 24	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



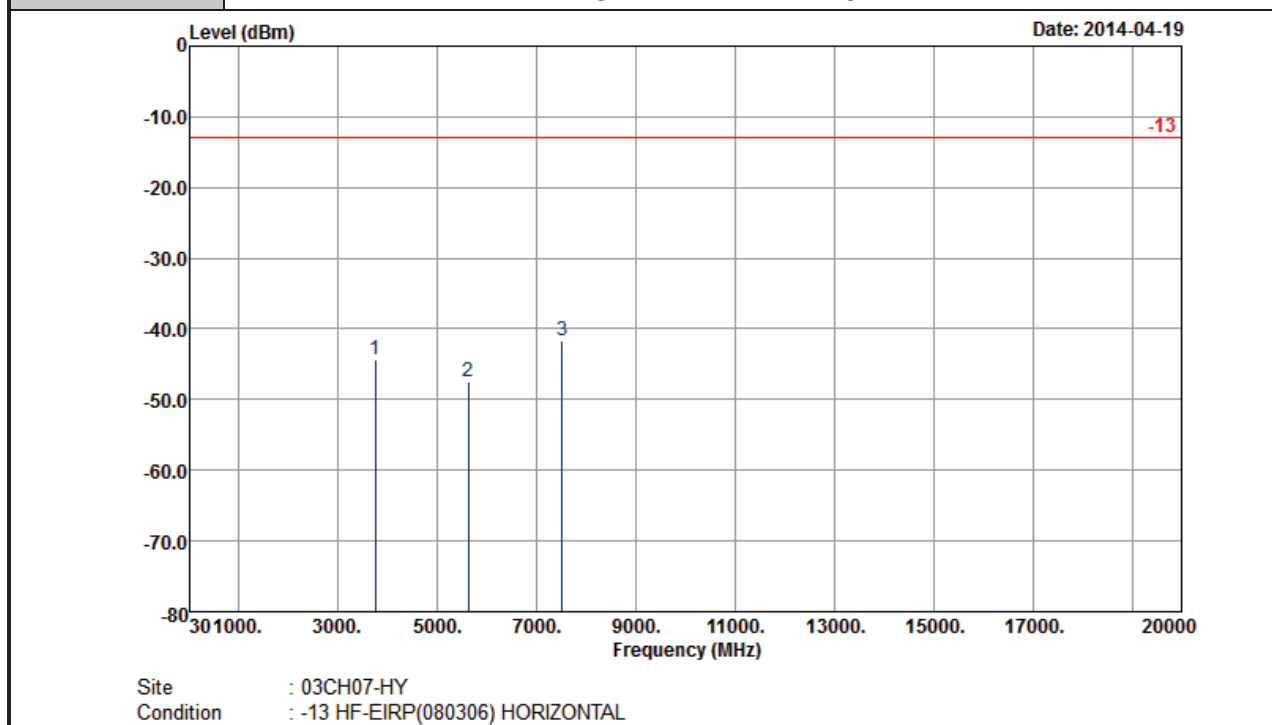
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3708	-36.97	-13	-23.97	-53.29	-43.3	2.46	8.79	V	Pass
5562	-44.03	-13	-31.03	-64.51	-51.9	2.9	10.77	V	Pass
7417	-32.28	-13	-19.28	-59.75	-41.1	3.42	12.24	V	Pass



<Middle Channel>

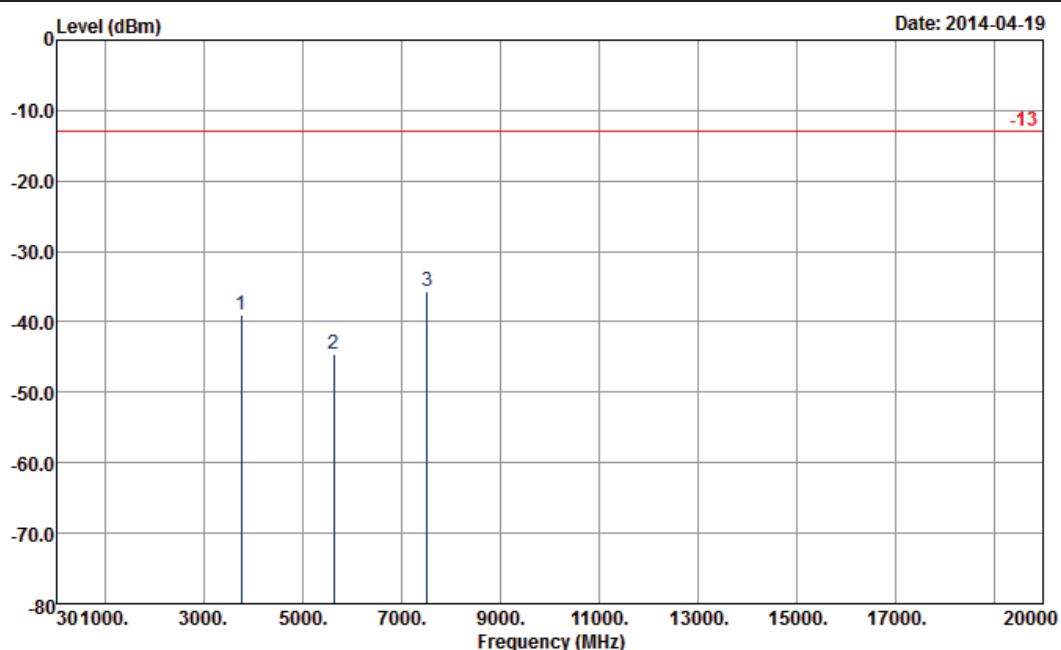
Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 24	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3763	-44.40	-13	-31.40	-60.14	-50.7	2.51	8.81	H	Pass
5646	-47.39	-13	-34.39	-68.45	-55.1	2.99	10.70	H	Pass
7529	-41.67	-13	-28.67	-69.18	-50.2	3.59	12.12	H	Pass



Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 24	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		

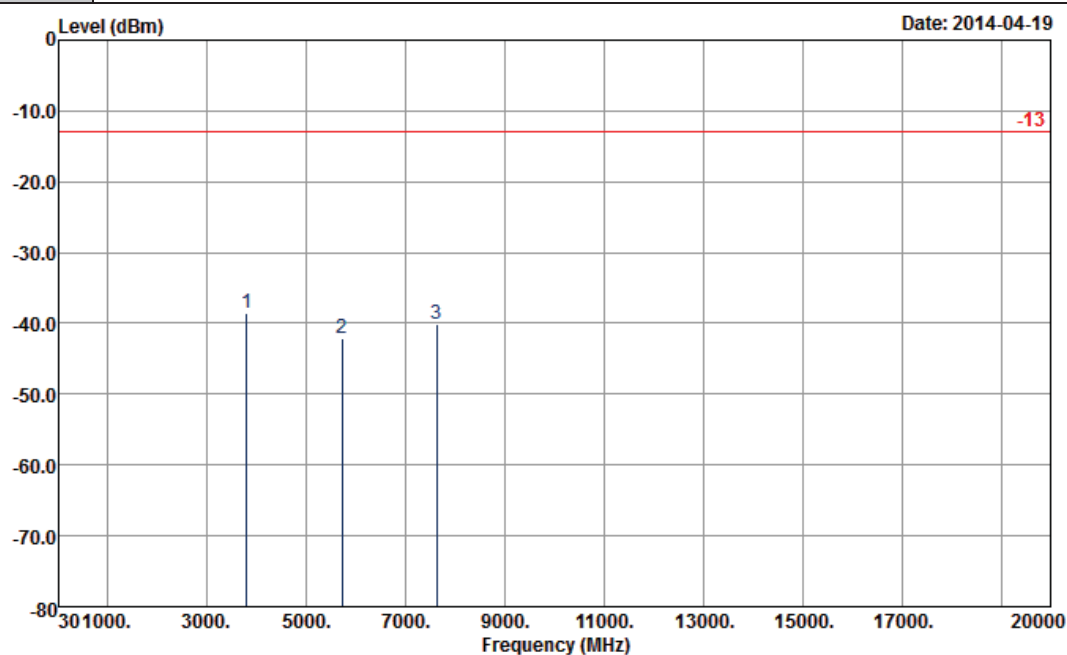


Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3763	-39.00	-13	-26.00	-55.65	-45.3	2.51	8.81	V	Pass
5646	-44.49	-13	-31.49	-65.42	-52.2	2.99	10.70	V	Pass
7529	-35.67	-13	-22.67	-63.04	-44.2	3.59	12.12	V	Pass

**<High Channel>**

Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 24	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		

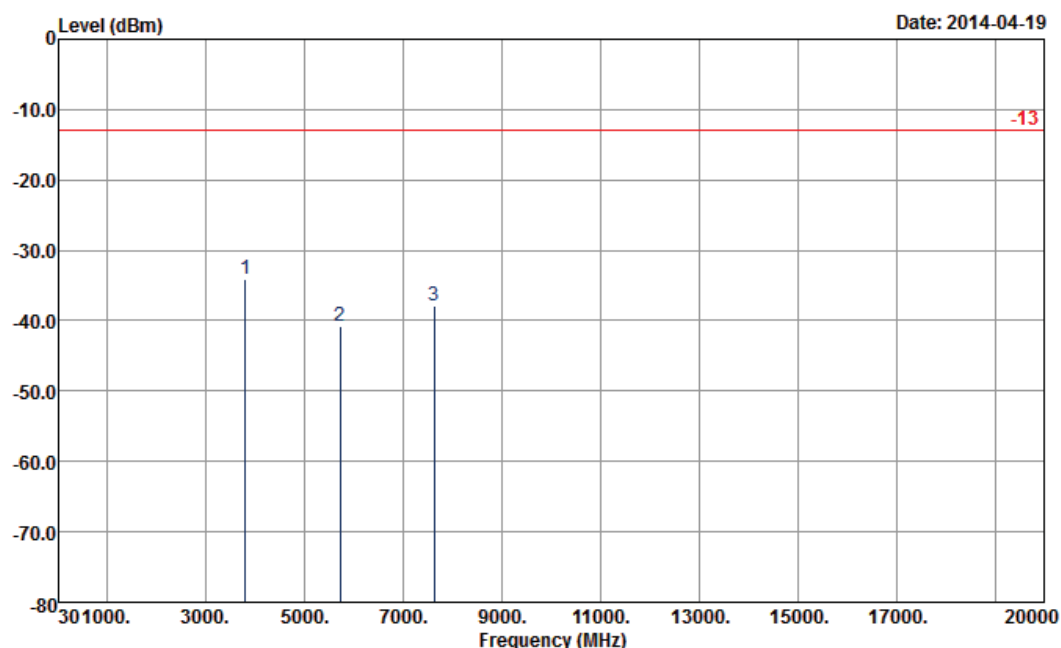


Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) HORIZONTAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3819	-38.46	-13	-25.46	-54.08	-44.8	2.59	8.93	H	Pass
5730	-42.20	-13	-29.20	-63.73	-50.1	3.08	10.98	H	Pass
7641	-40.17	-13	-27.17	-67.41	-48.7	3.64	12.17	H	Pass



Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 24	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



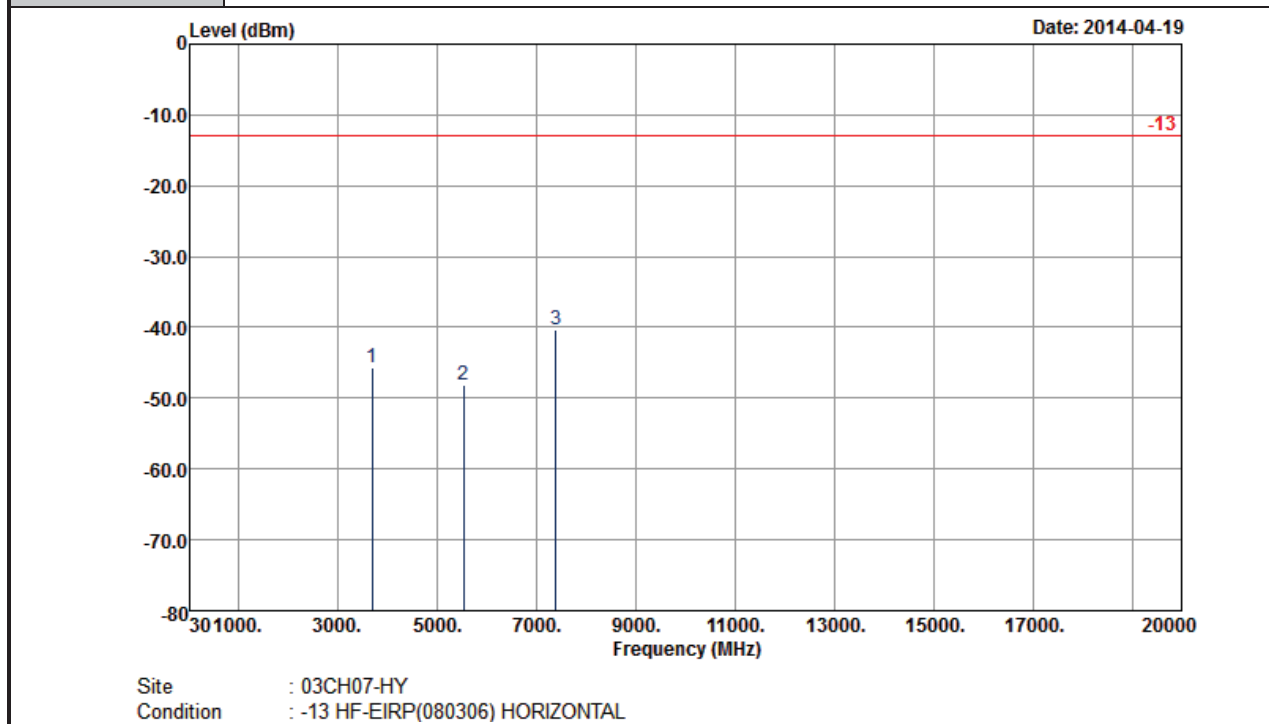
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3819	-34.16	-13	-21.16	-50.9	-40.5	2.59	8.93	V	Pass
5730	-40.70	-13	-27.70	-61.66	-48.6	3.08	10.98	V	Pass
7641	-37.97	-13	-24.97	-64.24	-46.5	3.64	12.17	V	Pass



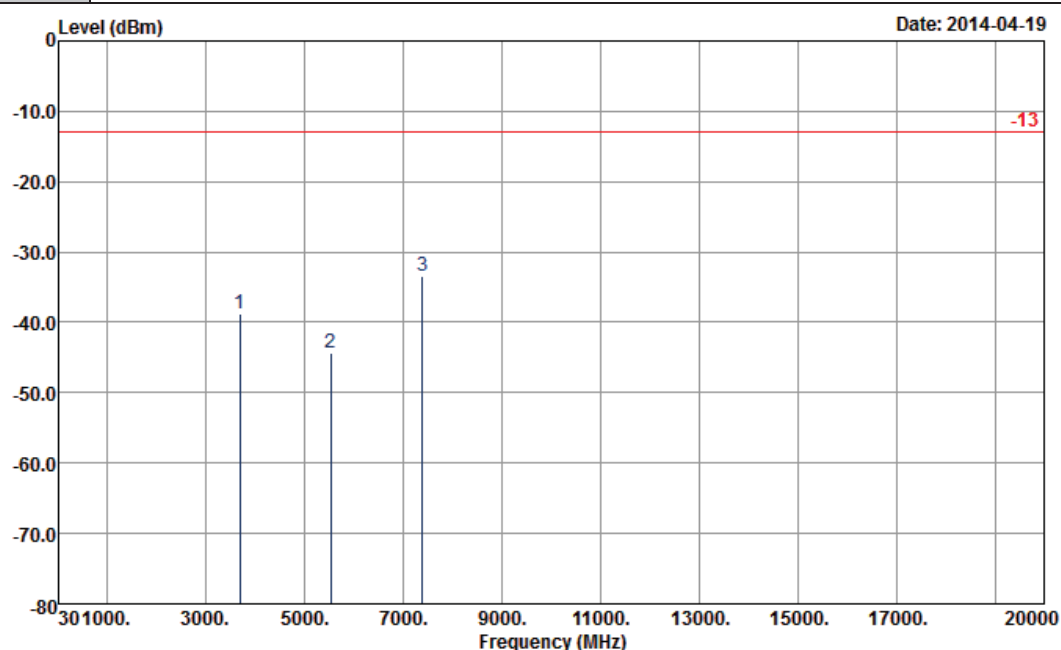
<Low Channel>

Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3700	-45.68	-13	-32.68	-61.02	-52.1	2.47	8.89	H	Pass
5548	-48.14	-13	-35.14	-68.71	-56	2.93	10.79	H	Pass
7403	-40.29	-13	-27.29	-67.73	-49.1	3.45	12.26	H	Pass

Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



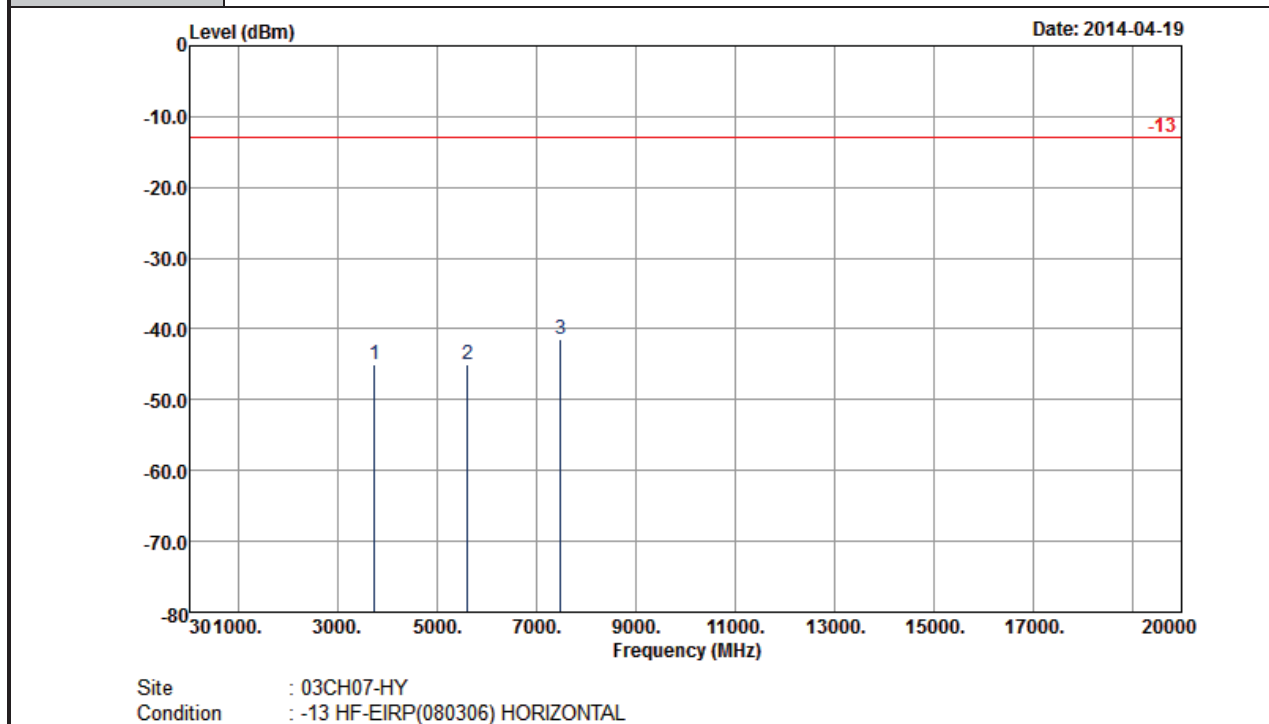
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3700	-38.68	-13	-25.68	-54.86	-45.1	2.47	8.89	V	Pass
5548	-44.24	-13	-31.24	-64.68	-52.1	2.93	10.79	V	Pass
7403	-33.39	-13	-20.39	-60.4	-42.2	3.45	12.26	V	Pass



<Middle Channel>

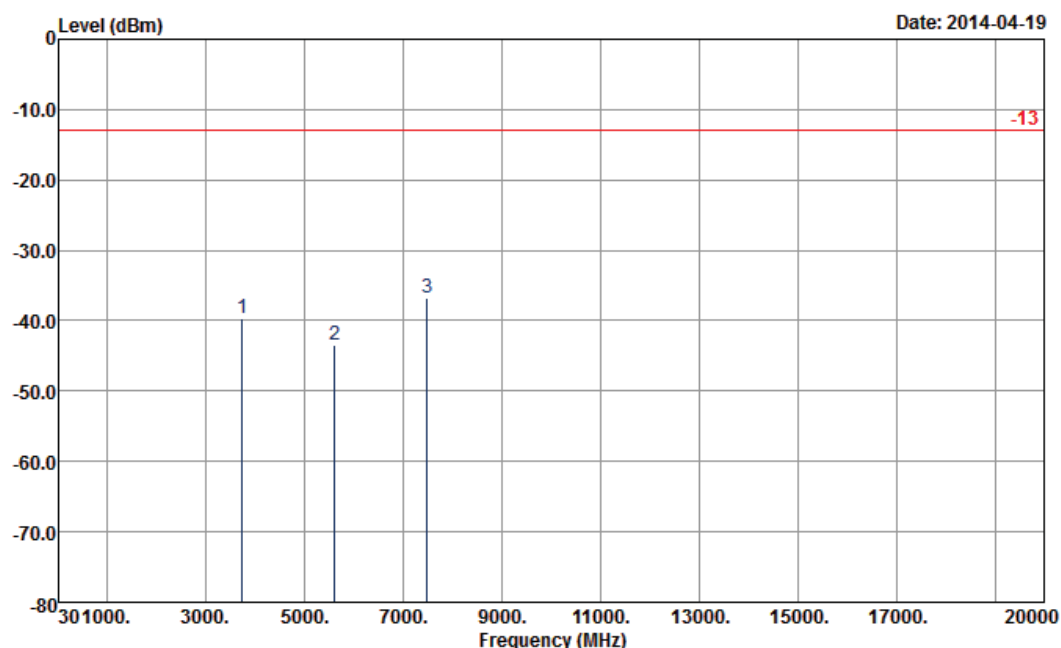
Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3749	-45.00	-13	-32.00	-60.41	-51.3	2.51	8.81	H	Pass
5625	-45.09	-13	-32.09	-66.32	-52.8	2.99	10.70	H	Pass
7501	-41.47	-13	-28.47	-69.16	-50	3.59	12.12	H	Pass



Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



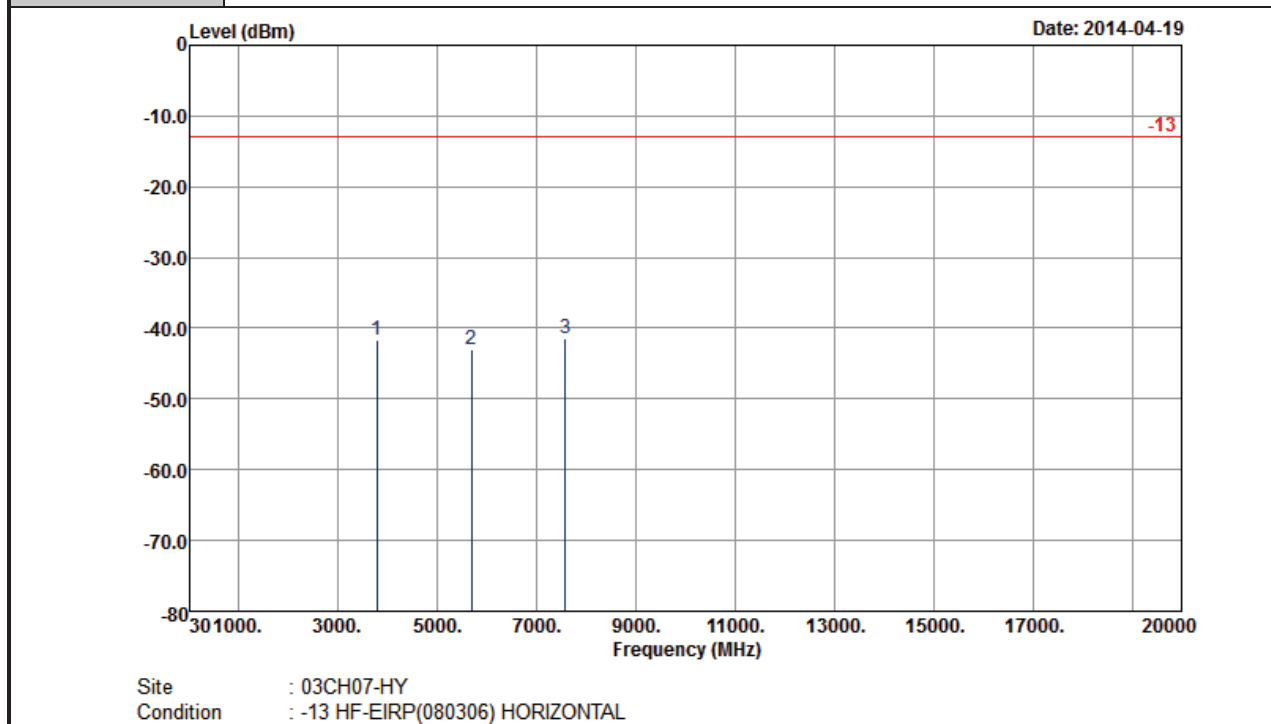
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3749	-39.60	-13	-26.60	-56.06	-45.9	2.51	8.81	V	Pass
5625	-43.39	-13	-30.39	-64.33	-51.1	2.99	10.70	V	Pass
7501	-36.67	-13	-23.67	-64.19	-45.2	3.59	12.12	V	Pass



<High Channel>

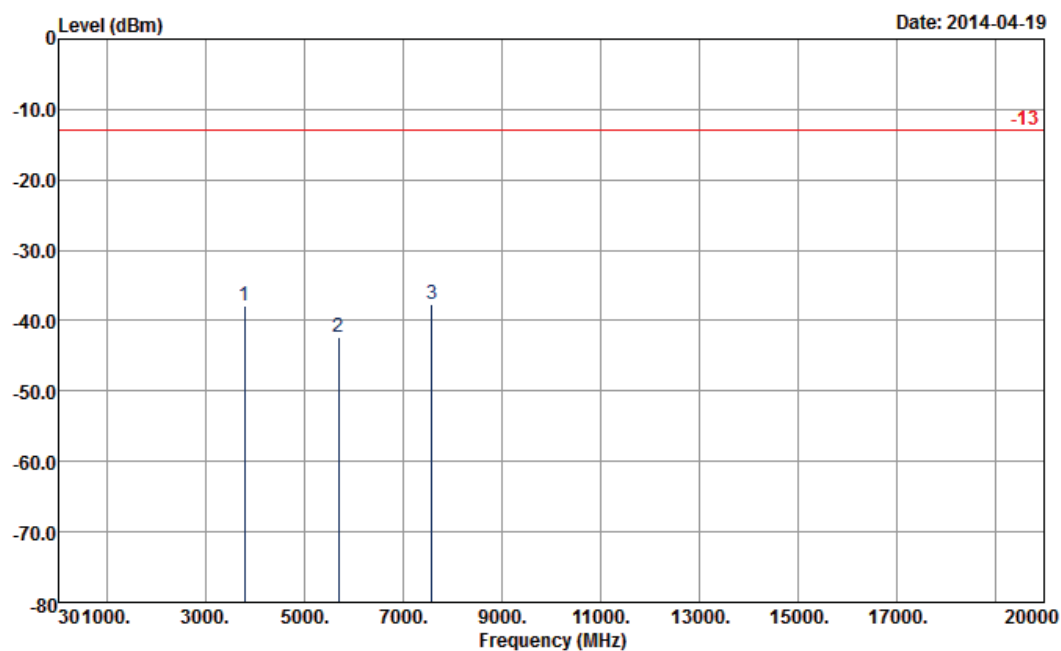
Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3798	-41.74	-13	-28.74	-57.38	-48.1	2.52	8.88	H	Pass
5702	-42.94	-13	-29.94	-64.25	-50.6	3.09	10.75	H	Pass
7599	-41.46	-13	-28.46	-68.17	-50.1	3.65	12.29	H	Pass



Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



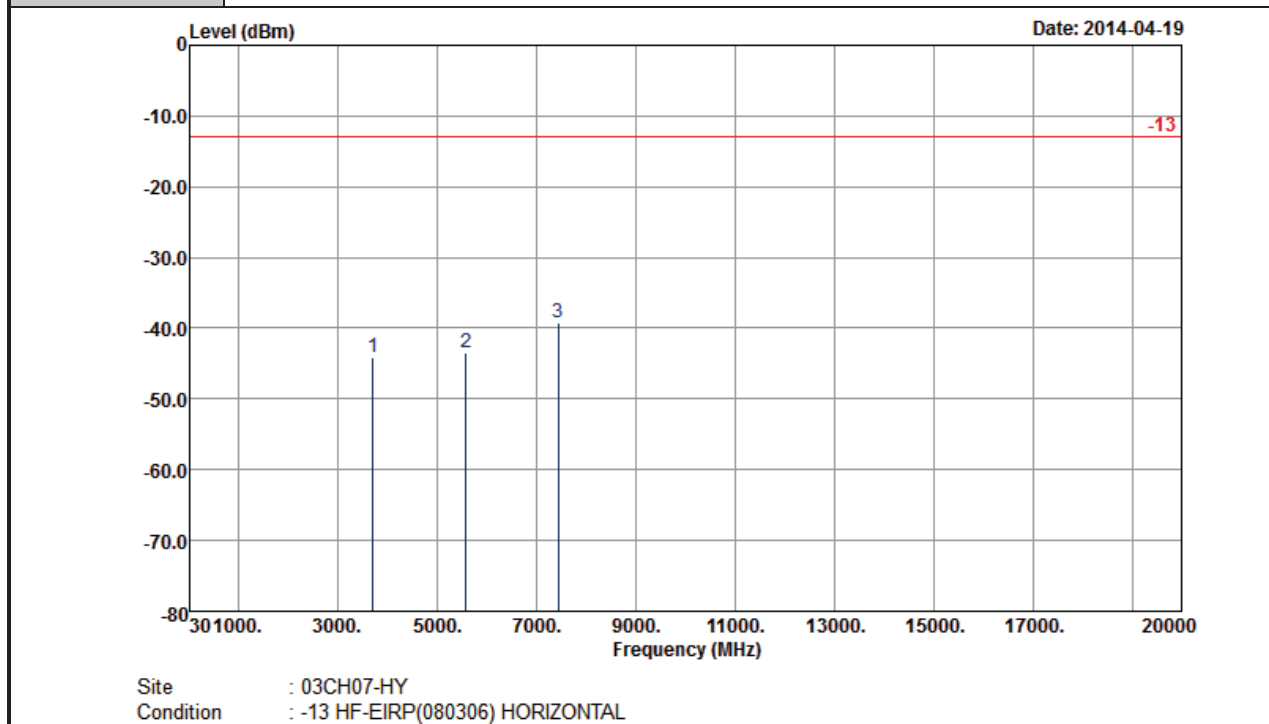
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3798	-37.94	-13	-24.94	-54.68	-44.3	2.52	8.88	V	Pass
5702	-42.44	-13	-29.44	-63.29	-50.1	3.09	10.75	V	Pass
7599	-37.76	-13	-24.76	-65.18	-46.4	3.65	12.29	V	Pass



<Low Channel>

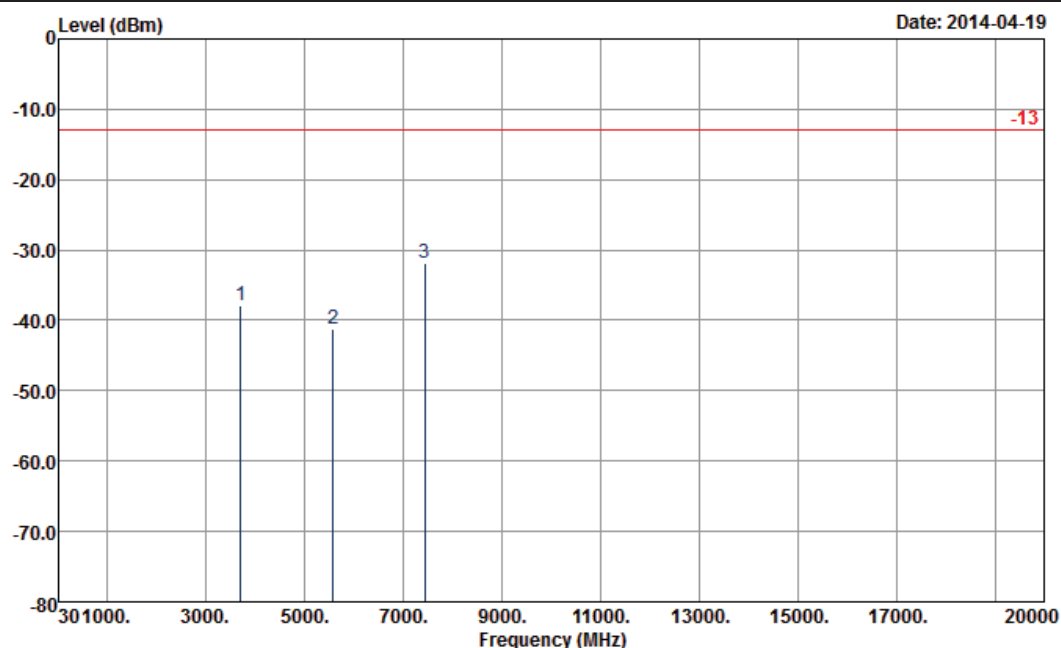
Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 74	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3728	-44.05	-13	-31.05	-59.82	-50.4	2.49	8.84	H	Pass
5592	-43.55	-13	-30.55	-64.46	-51.4	3.01	10.86	H	Pass
7459	-39.13	-13	-26.13	-66.61	-48.1	3.38	12.35	H	Pass



Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 74	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



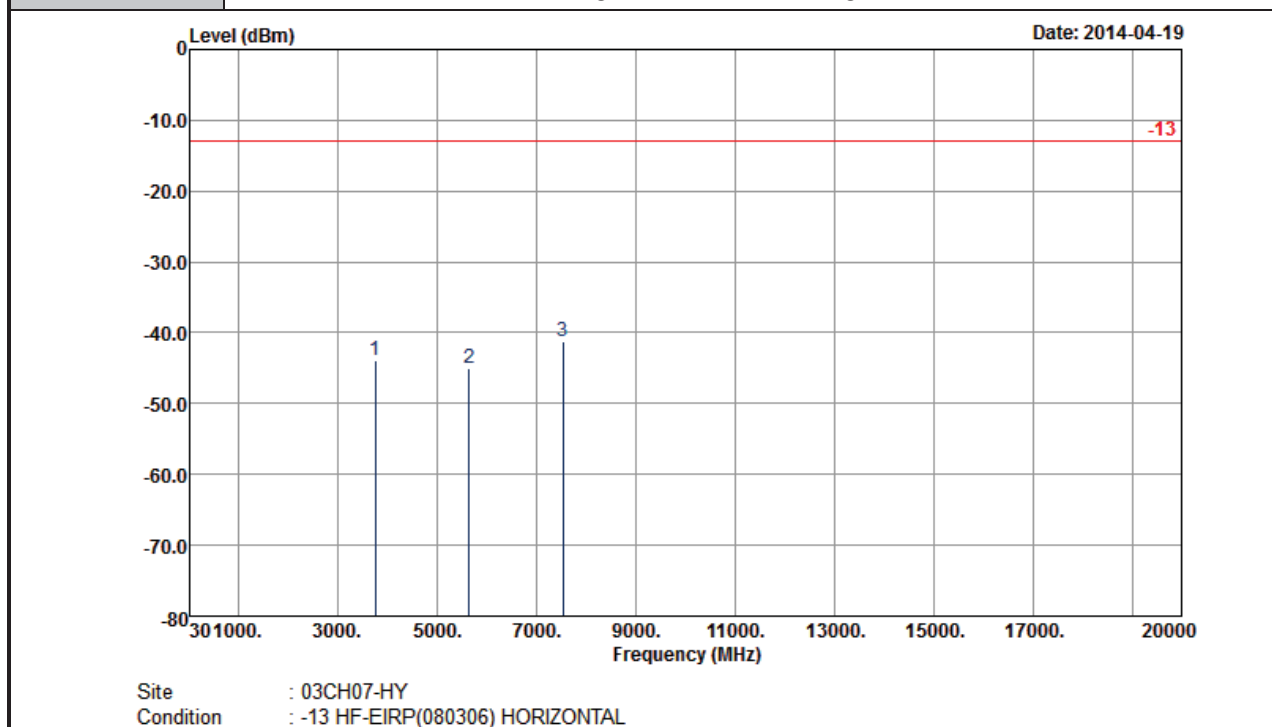
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3728	-37.95	-13	-24.95	-54.43	-44.3	2.49	8.84	V	Pass
5592	-41.25	-13	-28.25	-61.89	-49.1	3.01	10.86	V	Pass
7459	-31.83	-13	-18.83	-59.55	-40.8	3.38	12.35	V	Pass



<Middle Channel>

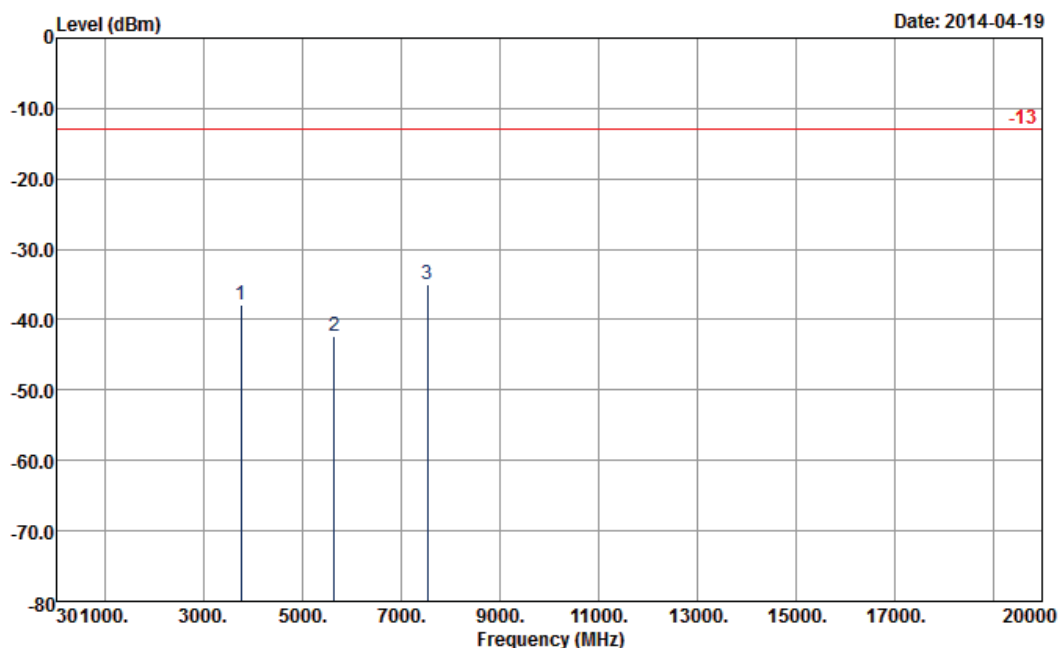
Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 74	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3773	-43.80	-13	-30.80	-59.48	-50.1	2.51	8.81	H	Pass
5660	-44.99	-13	-31.99	-65.89	-52.7	2.99	10.70	H	Pass
7550	-41.17	-13	-28.17	-68.34	-49.7	3.59	12.12	H	Pass



Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 74	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



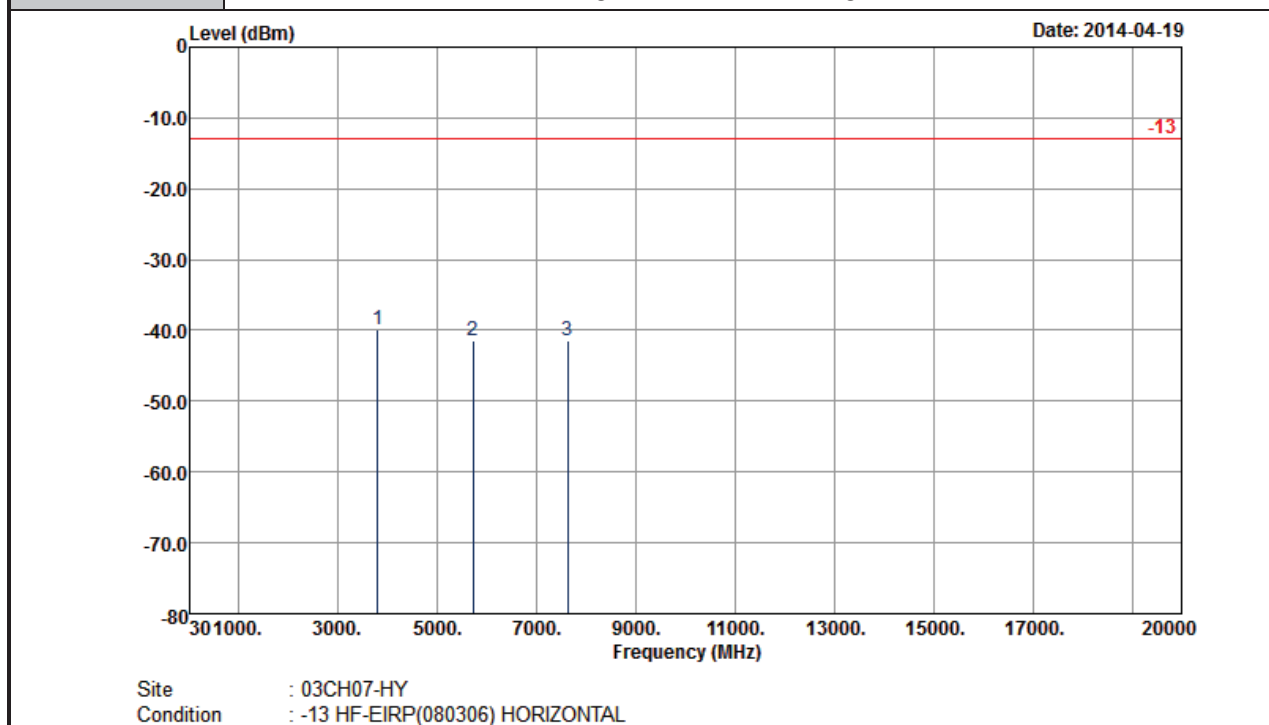
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3773	-37.80	-13	-24.80	-54.24	-44.1	2.51	8.81	V	Pass
5660	-42.39	-13	-29.39	-63.6	-50.1	2.99	10.70	V	Pass
7550	-34.97	-13	-21.97	-62.15	-43.5	3.59	12.12	V	Pass



<High Channel>

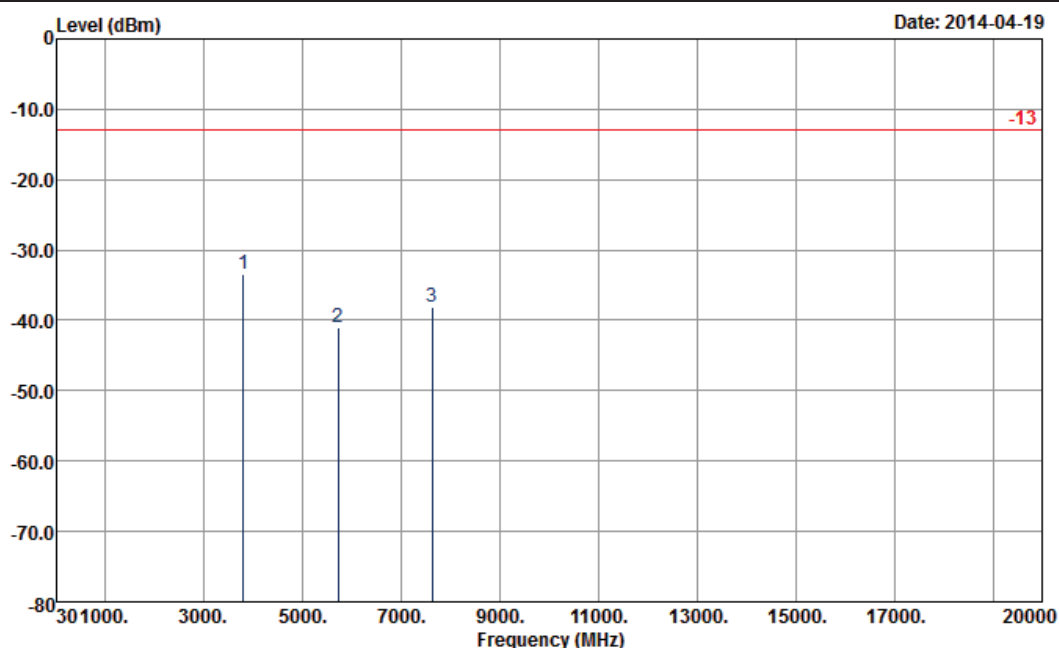
Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 74	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3819	-39.79	-13	-26.79	-55.57	-46.1	2.52	8.83	H	Pass
5730	-41.37	-13	-28.37	-62.62	-49.1	3.03	10.76	H	Pass
7640	-41.55	-13	-28.55	-67.98	-50.1	3.61	12.16	H	Pass



Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 74	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



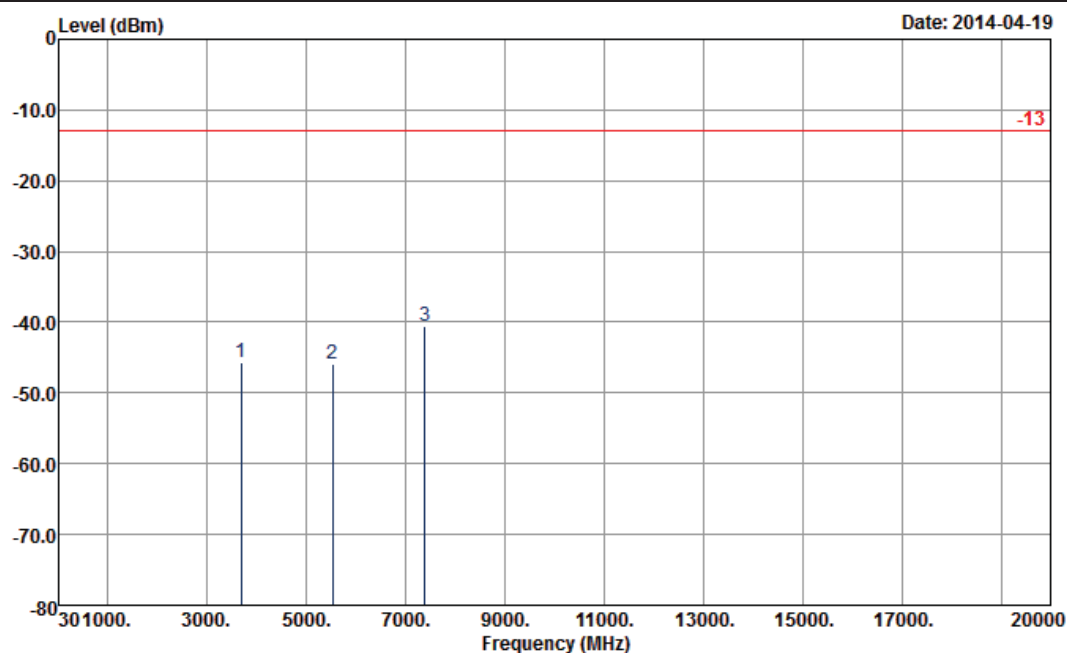
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3819	-33.39	-13	-20.39	-50.01	-39.7	2.52	8.83	V	Pass
5730	-41.07	-13	-28.07	-61.91	-48.8	3.03	10.76	V	Pass
7640	-38.05	-13	-25.05	-64.36	-46.6	3.61	12.16	V	Pass



<Low Channel>

Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (6 th , 7 th , 8 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		

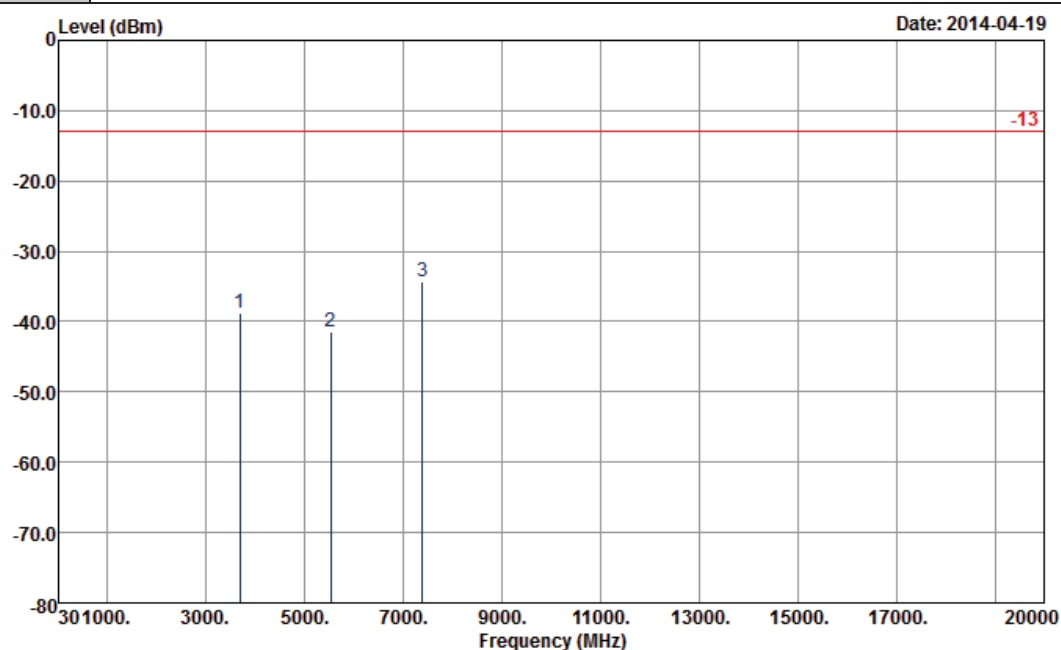


Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) HORIZONTAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3700	-45.72	-13	-32.72	-61.09	-52.1	2.51	8.89	H	Pass
5553	-45.94	-13	-32.94	-66.58	-53.8	3.03	10.89	H	Pass
7403	-40.46	-13	-27.46	-67.83	-49.6	3.24	12.38	H	Pass



Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (6 th , 7 th , 8 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



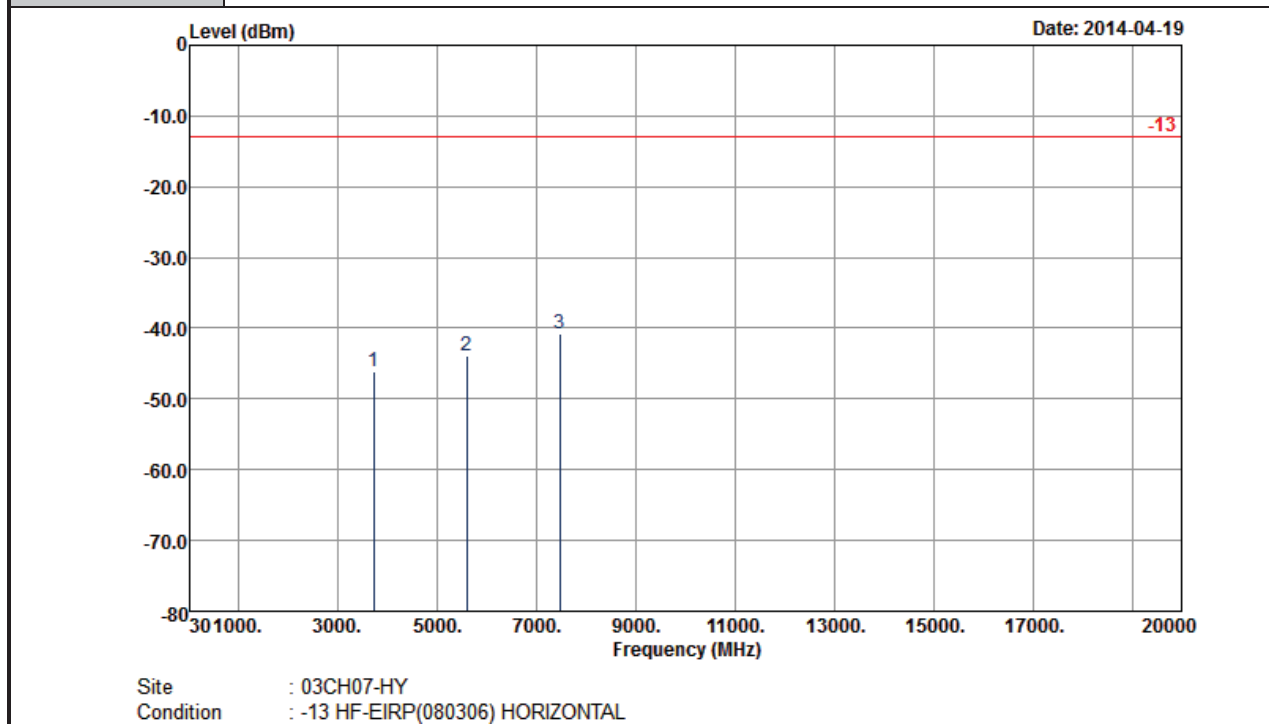
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3700	-38.72	-13	-25.72	-55.08	-45.1	2.51	8.89	V	Pass
5553	-41.34	-13	-28.34	-61.63	-49.2	3.03	10.89	V	Pass
7403	-34.26	-13	-21.26	-61.33	-43.4	3.24	12.38	V	Pass



<Middle Channel>

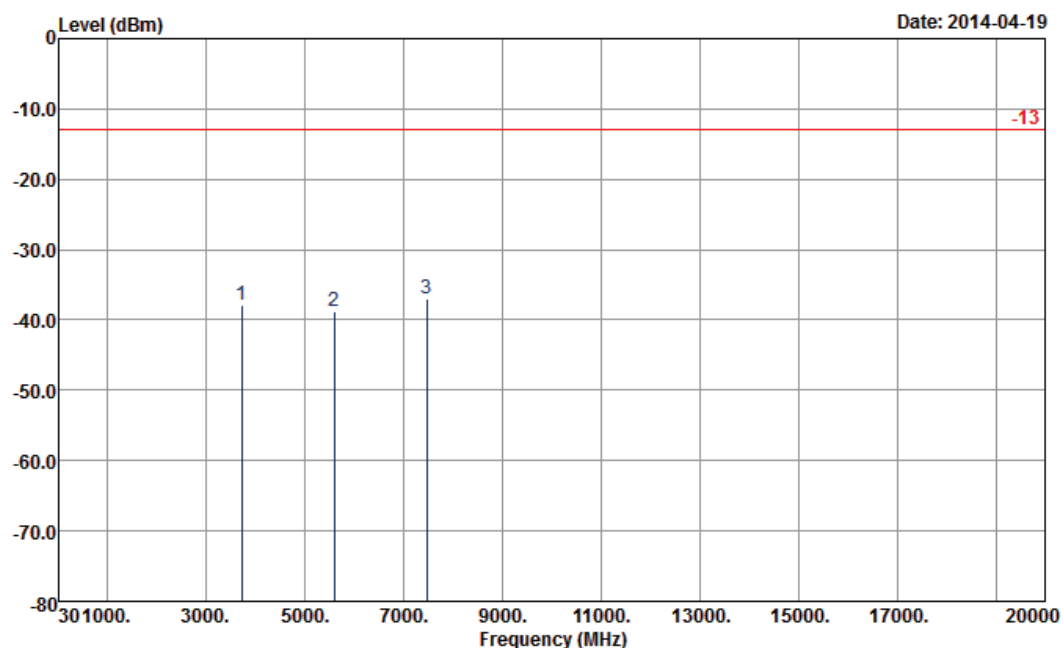
Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (6 th , 7 th , 8 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3742	-46.20	-13	-33.20	-61.54	-52.5	2.51	8.81	H	Pass
5611	-43.99	-13	-30.99	-65.12	-51.7	2.99	10.70	H	Pass
7480	-40.67	-13	-27.67	-68.89	-49.2	3.59	12.12	H	Pass



Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (6 th , 7 th , 8 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



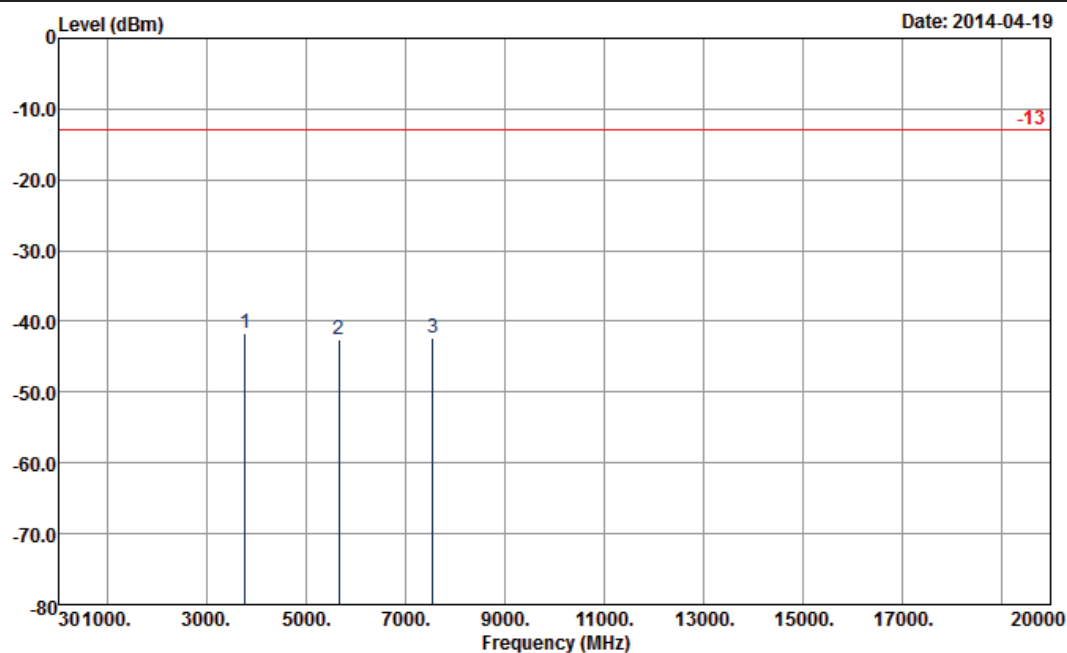
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3742	-37.80	-13	-24.80	-54.36	-44.1	2.51	8.81	V	Pass
5611	-38.69	-13	-25.69	-59.57	-46.4	2.99	10.70	V	Pass
7480	-37.07	-13	-24.07	-64.65	-45.6	3.59	12.12	V	Pass



<High Channel>

Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (6 th , 7 th , 8 th , ...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		

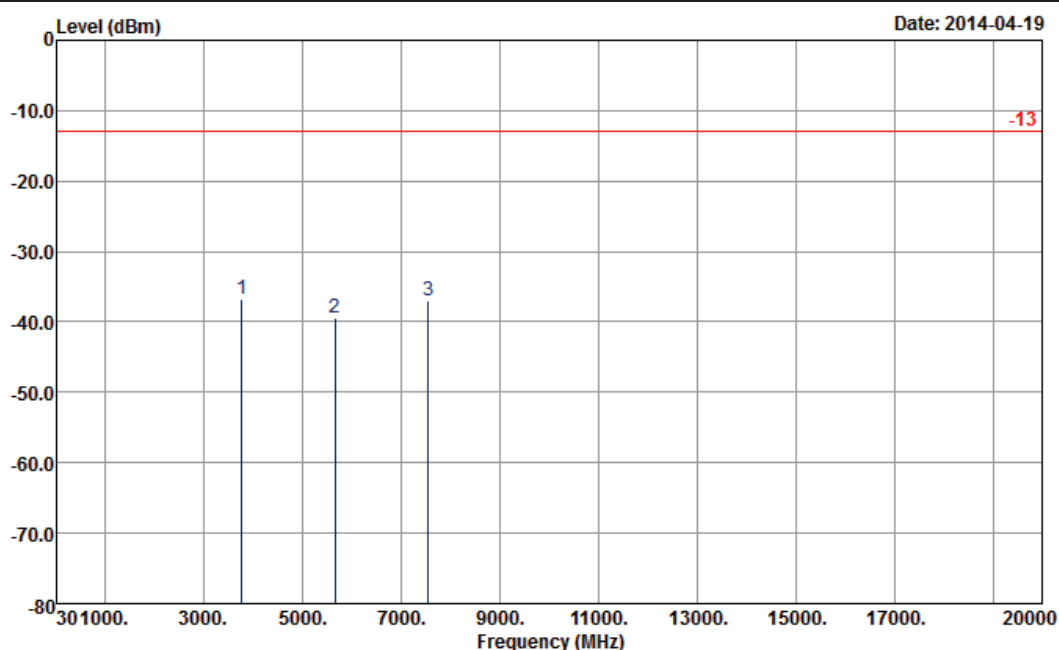


Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) HORIZONTAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3780	-41.72	-13	-28.72	-57.45	-48.1	2.52	8.90	H	Pass
5670	-42.55	-13	-29.55	-63.51	-50.3	3.01	10.76	H	Pass
7560	-42.27	-13	-29.27	-69.66	-50.8	3.62	12.15	H	Pass



Band :	LTE Band 2	Temperature :	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (6 th , 7 th , 8 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



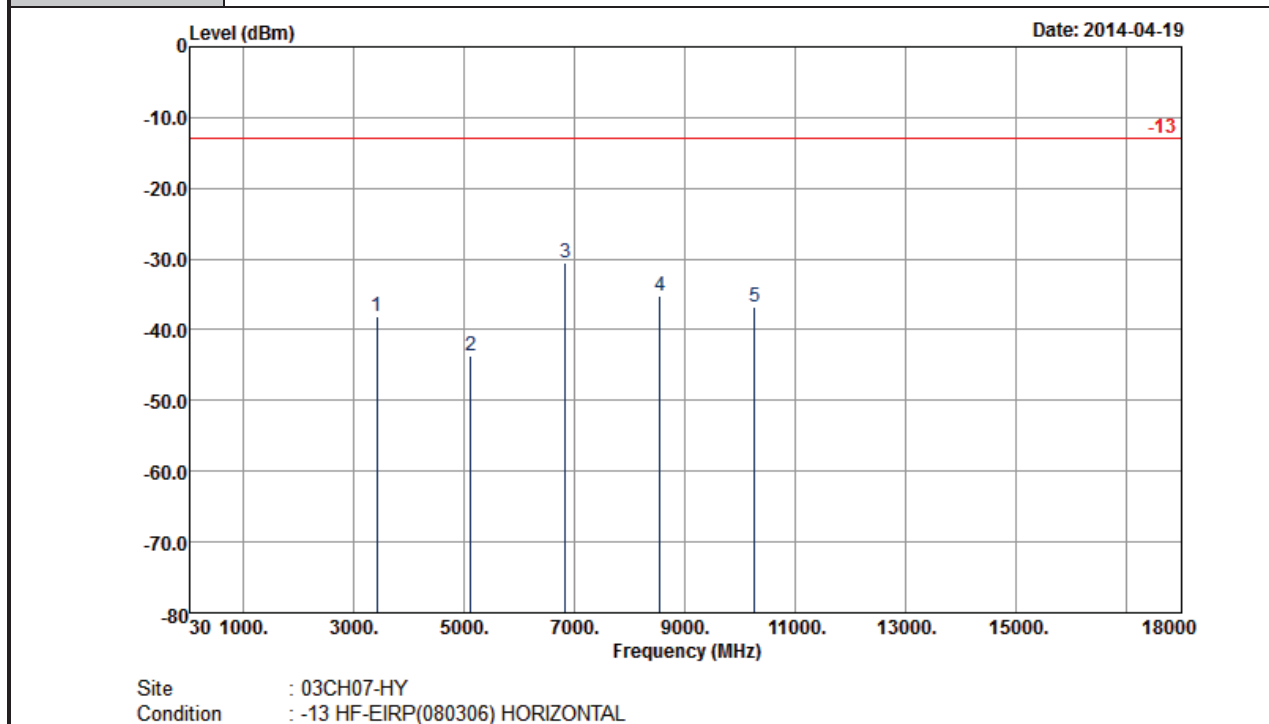
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3782	-36.72	-13	-23.72	-53.41	-43.1	2.52	8.90	V	Pass
5672	-39.35	-13	-26.35	-60.48	-47.1	3.01	10.76	V	Pass
7564	-37.07	-13	-24.07	-64.26	-45.6	3.62	12.15	V	Pass



<Low Channel>

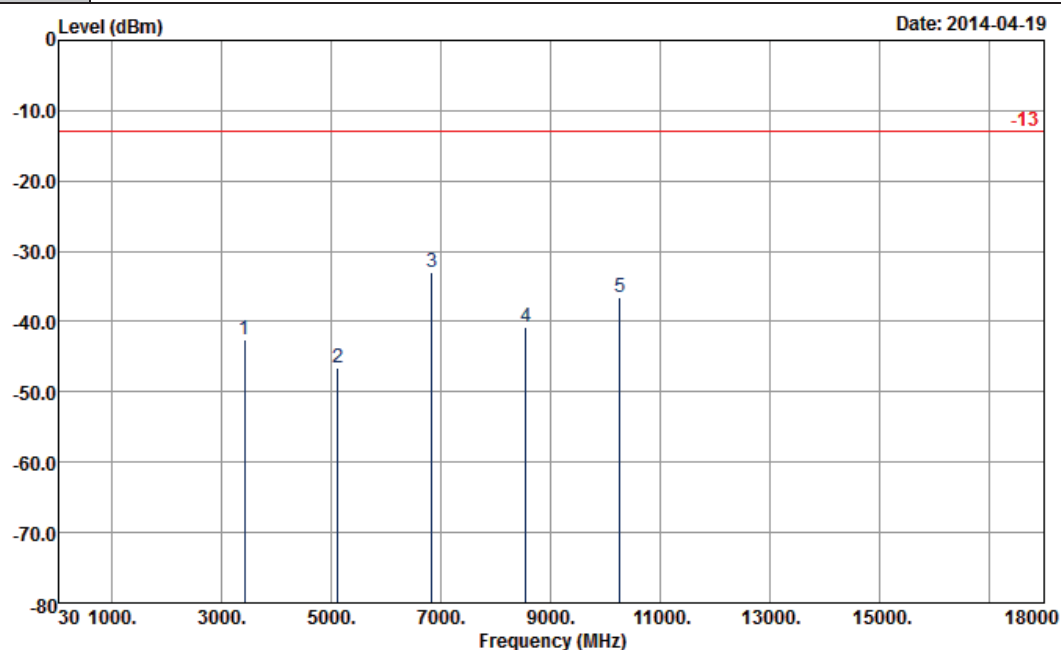
Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3420	-38.06	-13	-25.06	-52.43	-41.93	4.41	8.28	H	Pass
5128	-43.72	-13	-30.72	-62.24	-48.29	5.28	9.85	H	Pass
6843	-30.49	-13	-17.49	-56.39	-35.72	6.01	11.24	H	Pass
8551	-35.14	-13	-22.14	-60.56	-40.07	8.15	13.08	H	Pass
10264	-36.68	-13	-23.68	-65.76	-40.96	8.54	12.82	H	Pass



Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



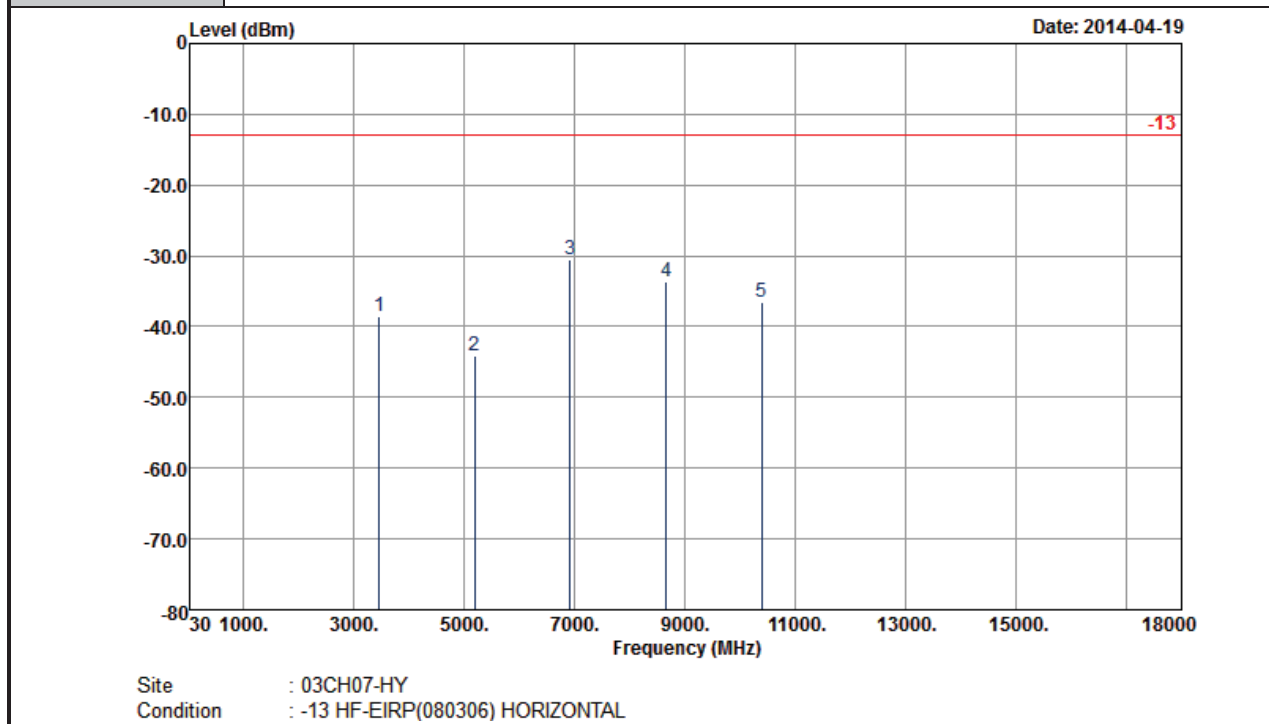
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3420	-42.59	-13	-29.59	-58.14	-46.46	4.41	8.28	V	Pass
5128	-46.54	-13	-33.54	-65.28	-51.11	5.28	9.85	V	Pass
6843	-32.89	-13	-19.89	-57.84	-38.12	6.01	11.24	V	Pass
8551	-40.88	-13	-27.88	-65.8	-45.81	8.15	13.08	V	Pass
10264	-36.54	-13	-23.54	-64.67	-40.82	8.54	12.82	V	Pass



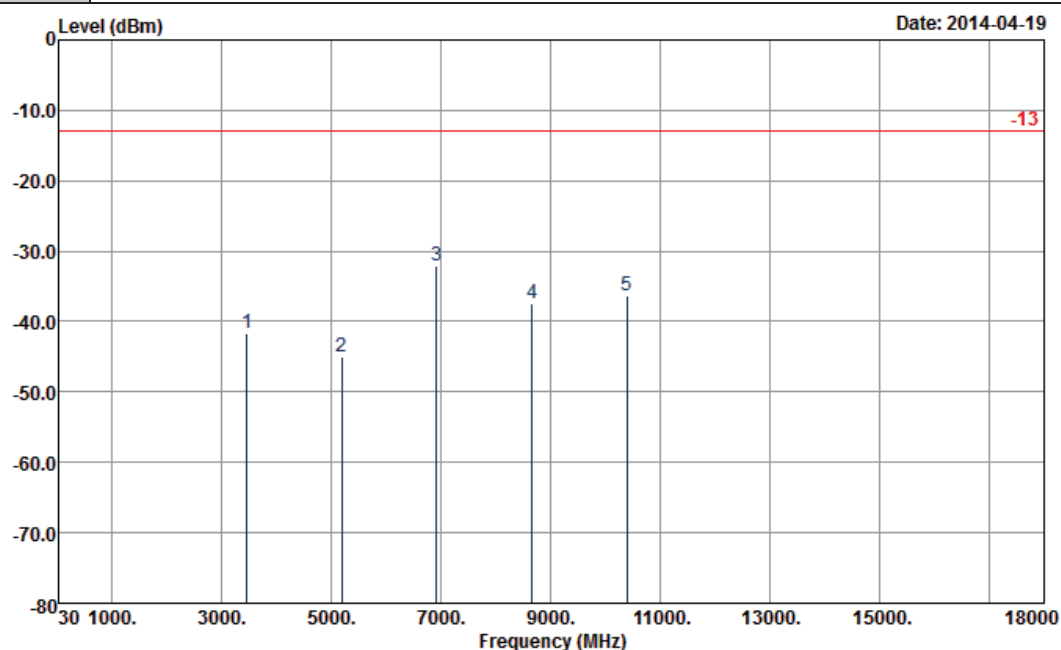
<Middle Channel>

Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3462	-38.64	-13	-25.64	-52.76	-42.47	4.48	8.31	H	Pass
5198	-44.04	-13	-31.04	-62.86	-48.68	5.332	9.98	H	Pass
6927	-30.47	-13	-17.47	-56.57	-35.71	6.1	11.34	H	Pass
8663	-33.57	-13	-20.57	-58.85	-38.49	8.25	13.17	H	Pass
10392	-36.54	-13	-23.54	-65.92	-40.83	8.65	12.94	H	Pass

Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



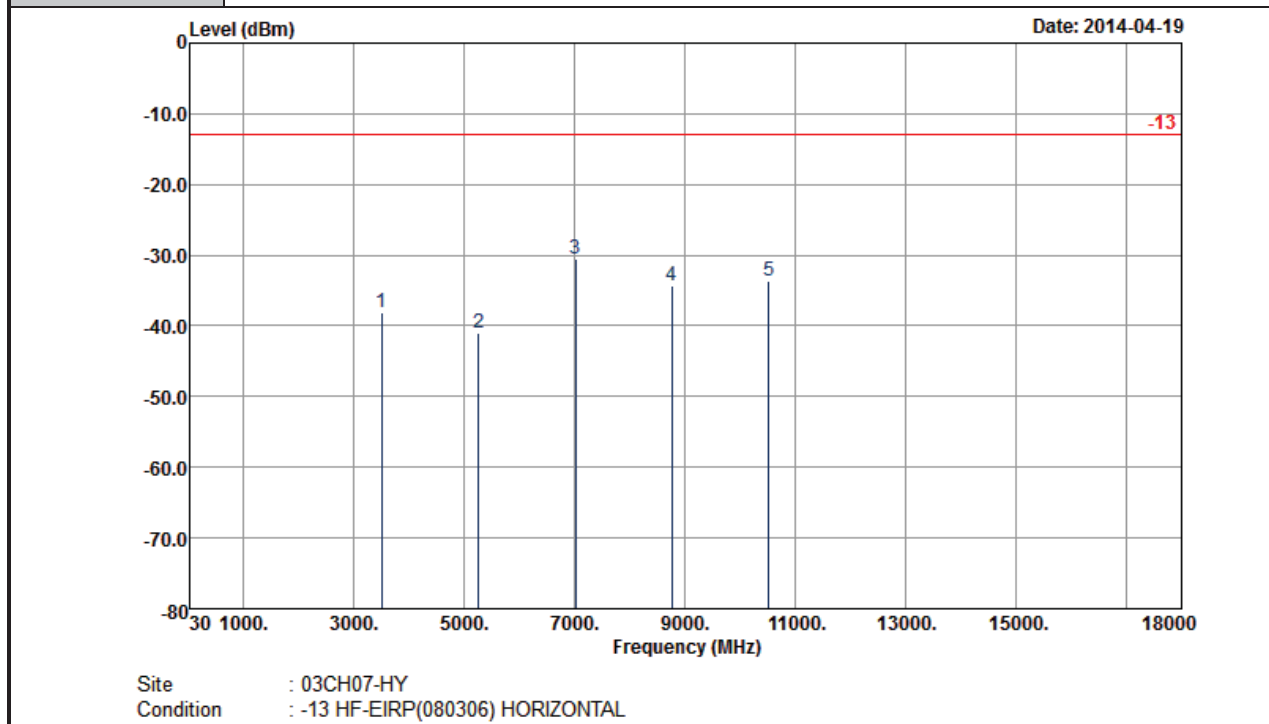
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3462	-41.66	-13	-28.66	-57.39	-45.49	4.48	8.31	V	Pass
5198	-45.11	-13	-32.11	-64.05	-49.75	5.332	9.98	V	Pass
6927	-31.98	-13	-18.98	-57.39	-37.22	6.1	11.34	V	Pass
8663	-37.48	-13	-24.48	-62.87	-42.40	8.25	13.17	V	Pass
10392	-36.34	-13	-23.34	-64.34	-40.63	8.65	12.94	V	Pass



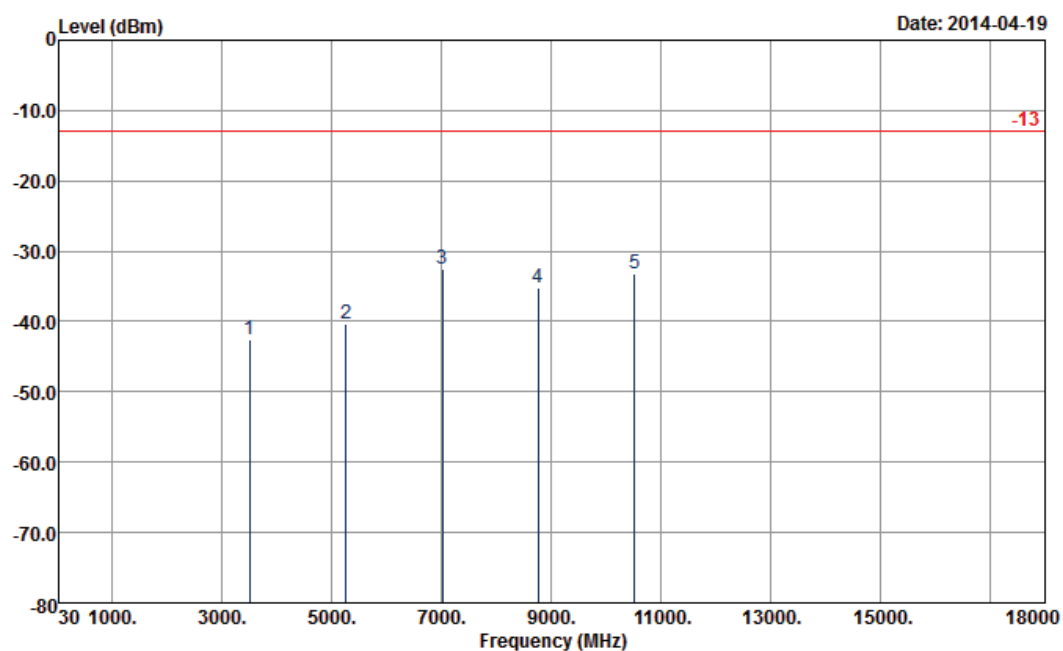
<High Channel>

Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3504	-38.06	-13	-25.06	-52.28	-42.33	4.14	8.41	H	Pass
5261	-40.94	-13	-27.94	-59.82	-45.89	5.12	10.07	H	Pass
7018	-30.42	-13	-17.42	-56.84	-35.71	6.13	11.42	H	Pass
8768	-34.24	-13	-21.24	-59.9	-39.34	8.05	13.15	H	Pass
10520	-33.66	-13	-20.66	-62.89	-39.20	7.38	12.92	H	Pass

Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	1.4MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



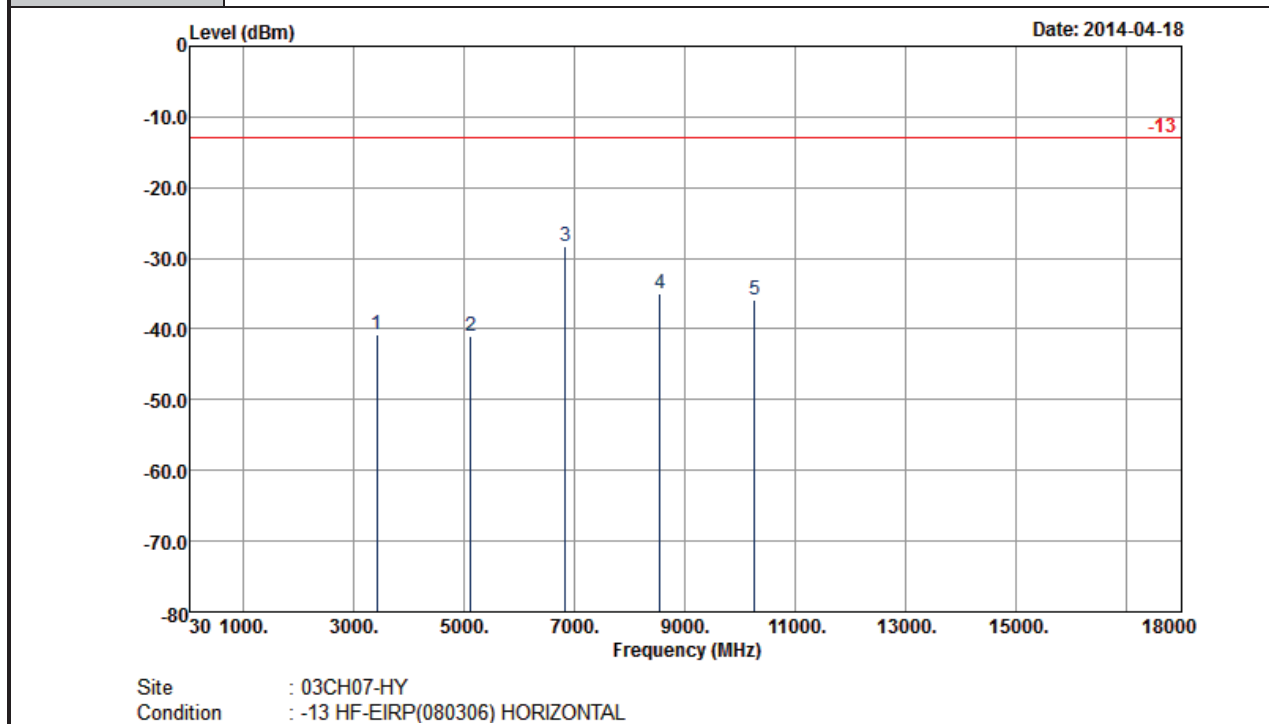
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3504	-42.58	-13	-29.58	-58.14	-46.85	4.14	8.41	V	Pass
5261	-40.32	-13	-27.32	-59.53	-45.27	5.12	10.07	V	Pass
7018	-32.63	-13	-19.63	-58.39	-37.92	6.13	11.42	V	Pass
8768	-35.19	-13	-22.19	-60.63	-40.29	8.05	13.15	V	Pass
10520	-33.25	-13	-20.25	-61.62	-38.79	7.38	12.92	V	Pass



<Low Channel>

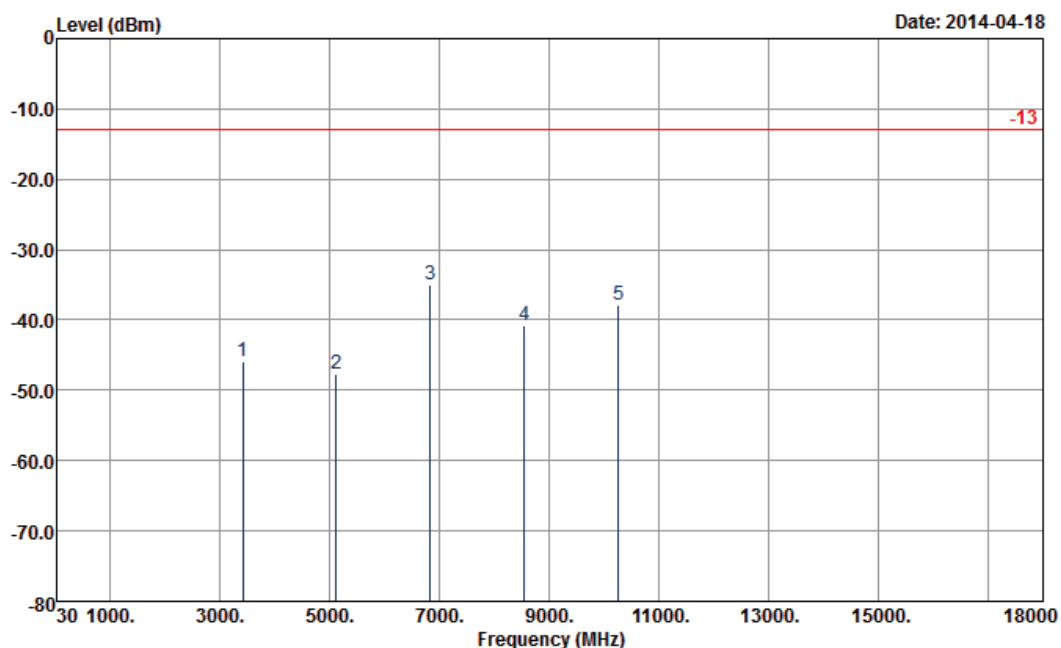
Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3420	-40.70	-13	-27.70	-54.98	-44.58	4.43	8.31	H	Pass
5128	-41.01	-13	-28.01	-59.3	-45.58	5.31	9.88	H	Pass
6843	-28.30	-13	-15.30	-54	-33.63	6.02	11.35	H	Pass
8551	-34.94	-13	-21.94	-60.13	-39.92	8.13	13.11	H	Pass
10264	-35.91	-13	-22.91	-64.72	-40.21	8.56	12.86	H	Pass



Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



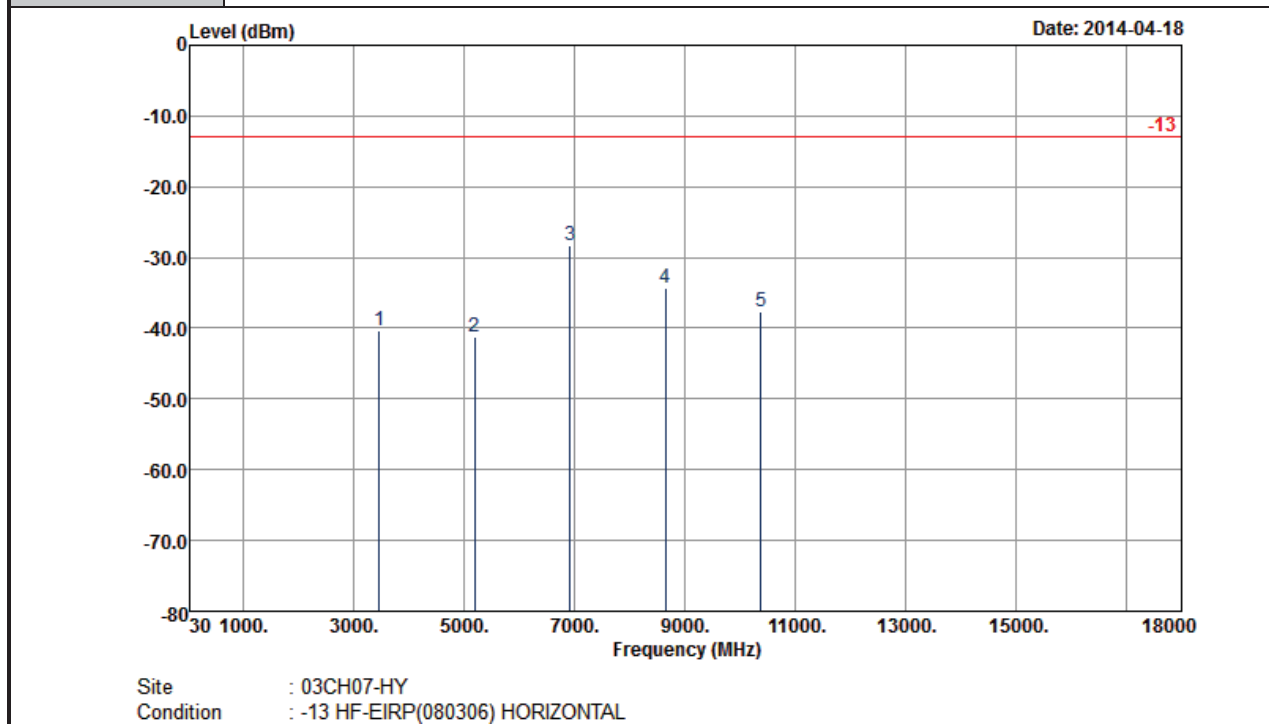
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3420	-45.86	-13	-32.86	-61.59	-49.74	4.43	8.31	V	Pass
5128	-47.68	-13	-34.68	-65.95	-52.25	5.31	9.88	V	Pass
6843	-34.90	-13	-21.90	-59.97	-40.23	6.02	11.35	V	Pass
8551	-40.81	-13	-27.81	-65.68	-45.79	8.13	13.11	V	Pass
10264	-37.81	-13	-24.81	-65.75	-42.11	8.56	12.86	V	Pass



<Middle Channel>

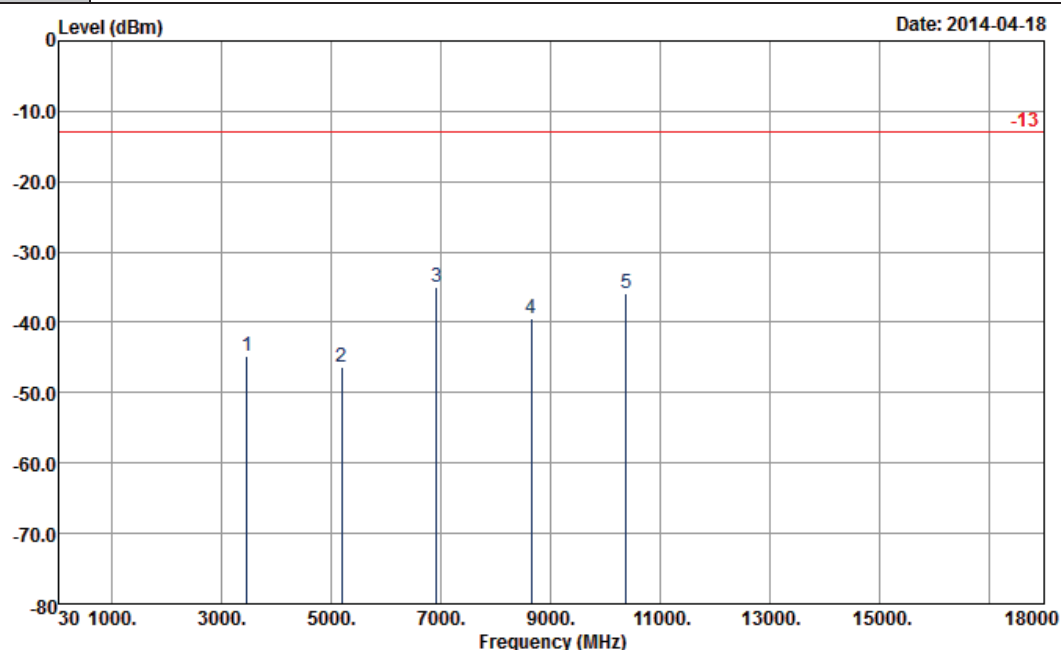
Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3462	-40.31	-13	-27.31	-54.65	-44.14	4.48	8.31	H	Pass
5191	-41.29	-13	-28.29	-60.24	-45.93	5.332	9.98	H	Pass
6927	-28.26	-13	-15.26	-54.49	-33.50	6.1	11.34	H	Pass
8656	-34.29	-13	-21.29	-59.85	-39.21	8.25	13.17	H	Pass
10384	-37.58	-13	-24.58	-66.82	-41.87	8.65	12.94	H	Pass



Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



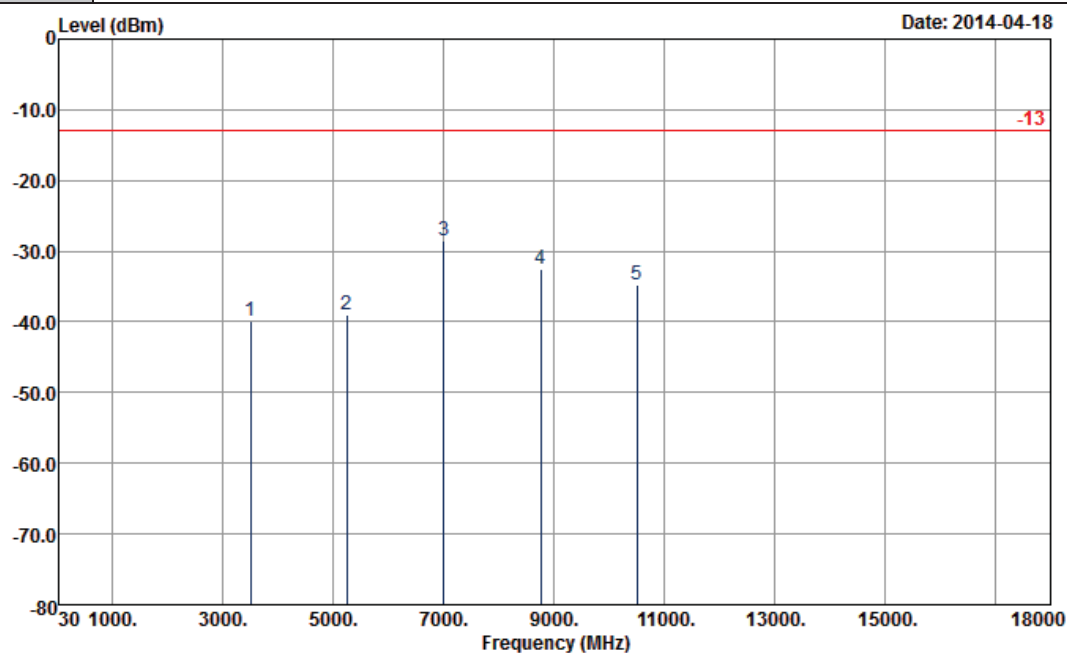
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3462	-44.81	-13	-31.81	-60.19	-48.64	4.48	8.31	V	Pass
5191	-46.46	-13	-33.46	-65.25	-51.10	5.332	9.98	V	Pass
6927	-35.04	-13	-22.04	-60.17	-40.28	6.1	11.34	V	Pass
8656	-39.54	-13	-26.54	-64.59	-44.46	8.25	13.17	V	Pass
10384	-35.94	-13	-22.94	-64.07	-40.23	8.65	12.94	V	Pass



<High Channel>

Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		

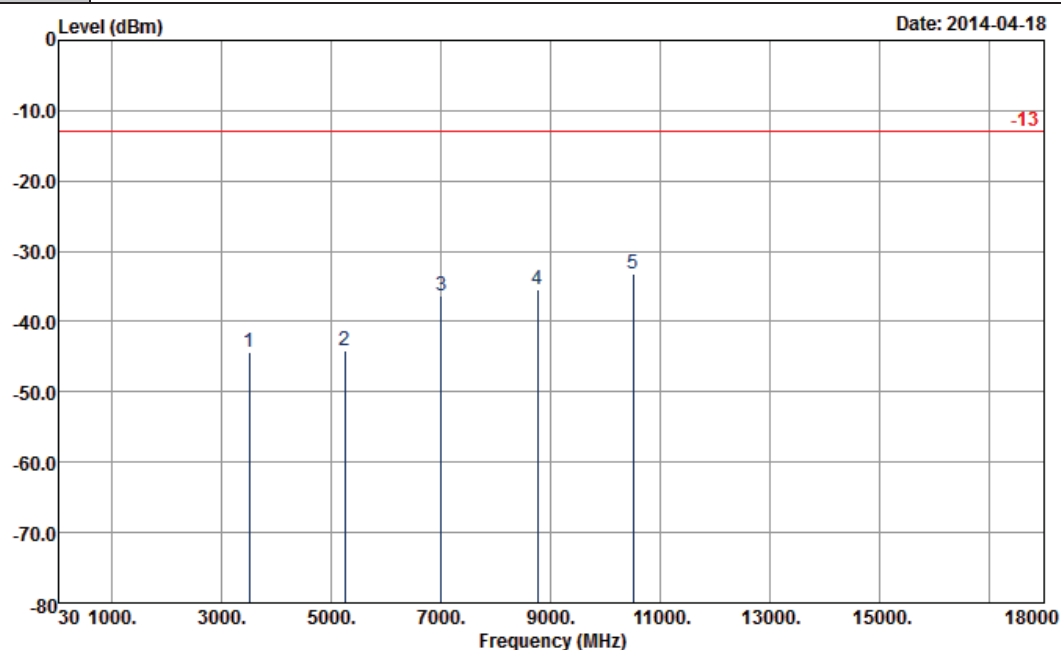


Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) HORIZONTAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3504	-39.99	-13	-26.99	-54.23	-44.26	4.14	8.41	H	Pass
5254	-38.93	-13	-25.93	-57.99	-43.88	5.12	10.07	H	Pass
7011	-28.54	-13	-15.54	-55.02	-33.83	6.13	11.42	H	Pass
8761	-32.55	-13	-19.55	-58.28	-37.65	8.05	13.15	H	Pass
10512	-34.66	-13	-21.66	-63.73	-40.20	7.38	12.92	H	Pass



Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	3MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



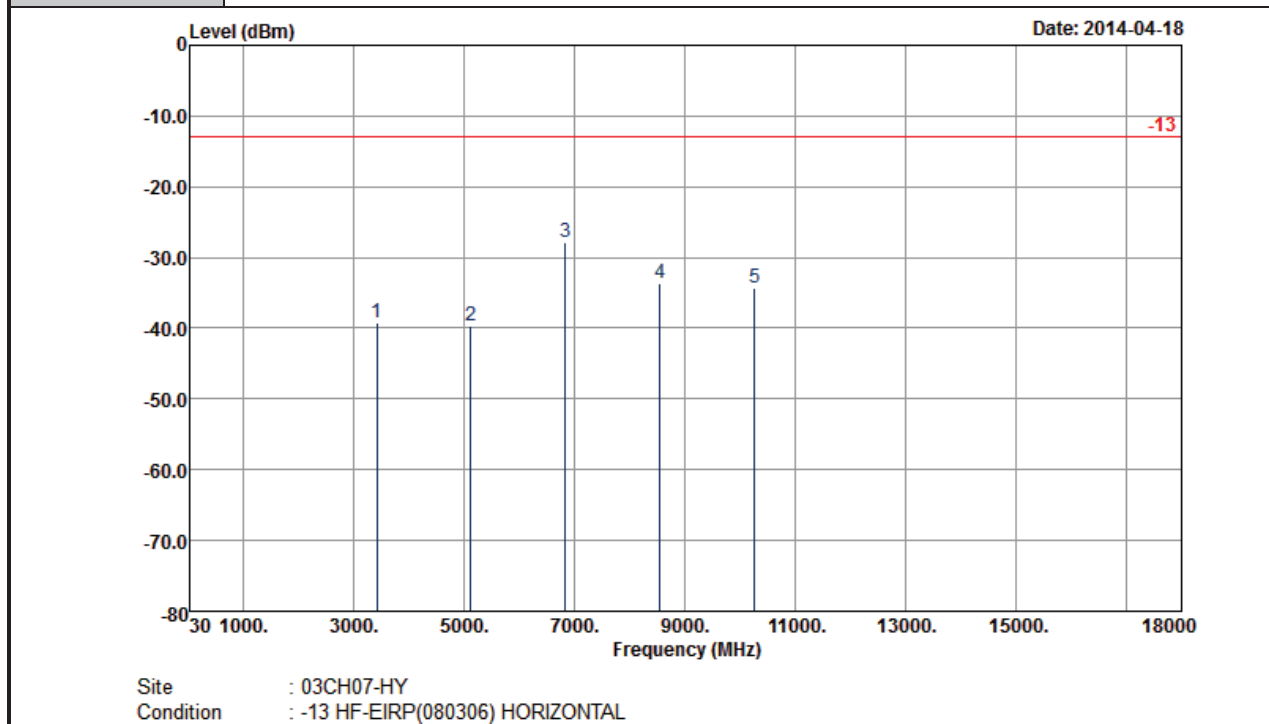
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3504	-44.35	-13	-31.35	-59.59	-48.62	4.14	8.41	V	Pass
5254	-44.17	-13	-31.17	-63.25	-49.12	5.12	10.07	V	Pass
7011	-36.34	-13	-23.34	-61.86	-41.63	6.13	11.42	V	Pass
8761	-35.38	-13	-22.38	-60.48	-40.48	8.05	13.15	V	Pass
10512	-33.22	-13	-20.22	-61.69	-38.76	7.38	12.92	V	Pass



<Low Channel>

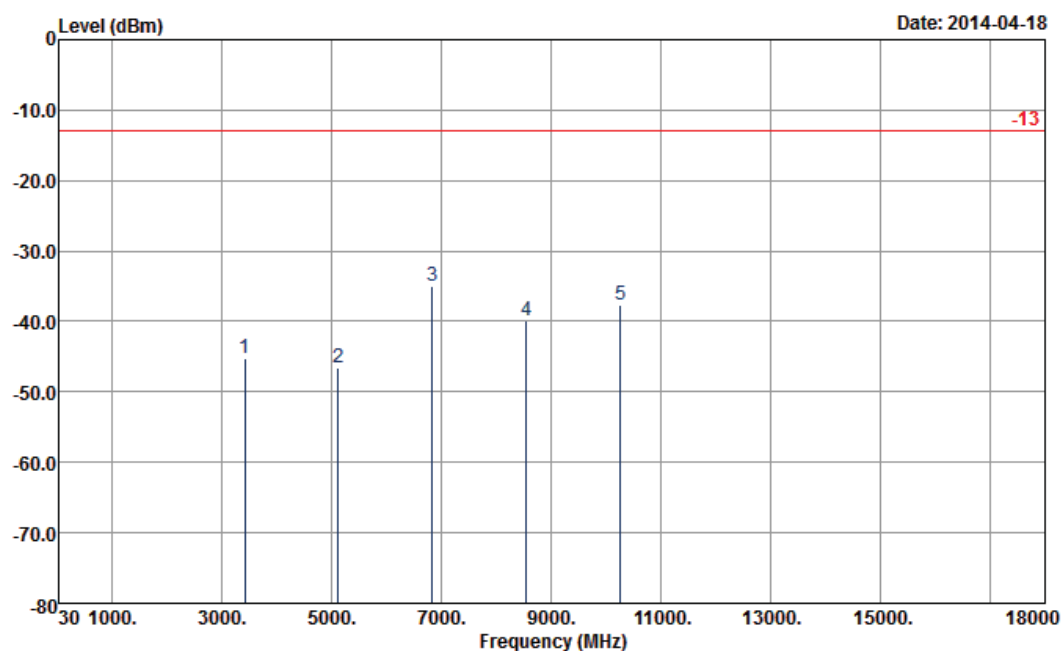
Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3420	-39.18	-13	-26.18	-53.38	-43.01	4.48	8.31	H	Pass
5128	-39.72	-13	-26.72	-58.22	-44.36	5.332	9.98	H	Pass
6843	-27.82	-13	-14.82	-53.49	-33.06	6.1	11.34	H	Pass
8551	-33.63	-13	-20.63	-59.02	-38.55	8.25	13.17	H	Pass
10264	-34.42	-13	-21.42	-63.59	-38.71	8.65	12.94	H	Pass



Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



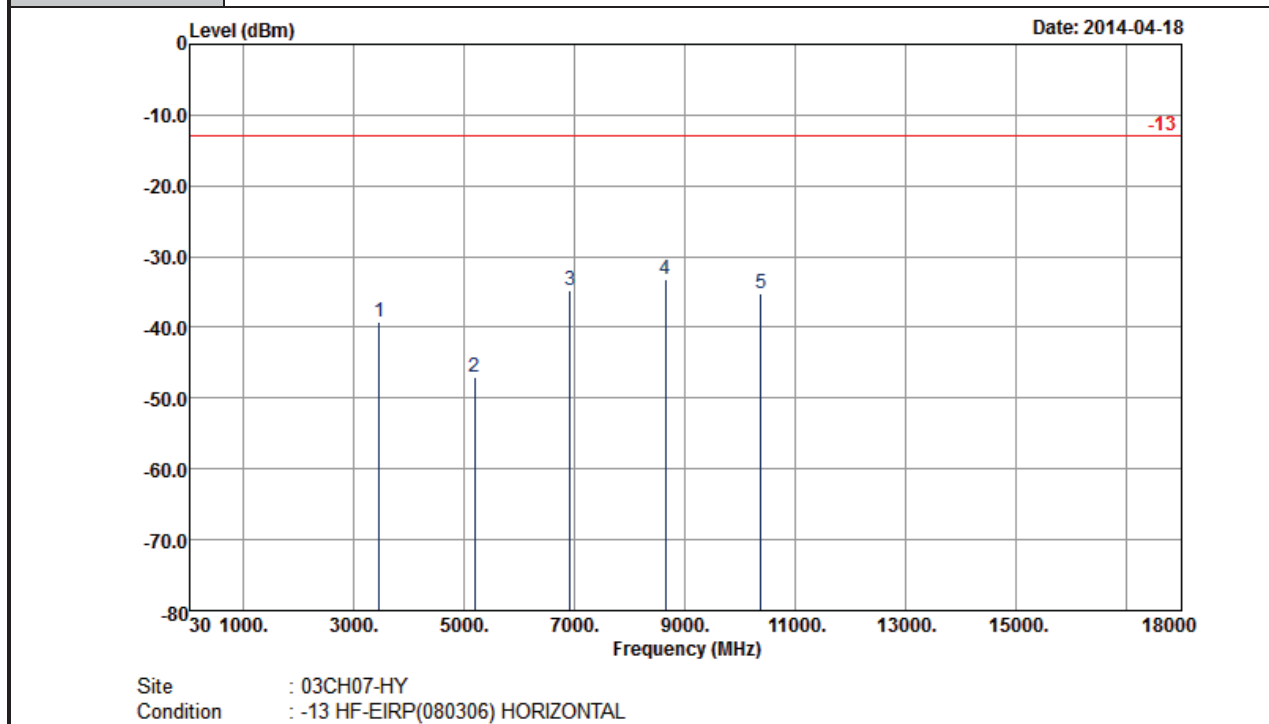
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3420	-45.31	-13	-32.31	-60.82	-49.14	4.48	8.31	V	Pass
5128	-46.49	-13	-33.49	-64.99	-51.13	5.332	9.98	V	Pass
6843	-35.02	-13	-22.02	-60	-40.26	6.1	11.34	V	Pass
8551	-39.86	-13	-26.86	-65.04	-44.78	8.25	13.17	V	Pass
10264	-37.72	-13	-24.72	-65.74	-42.01	8.65	12.94	V	Pass



<Middle Channel>

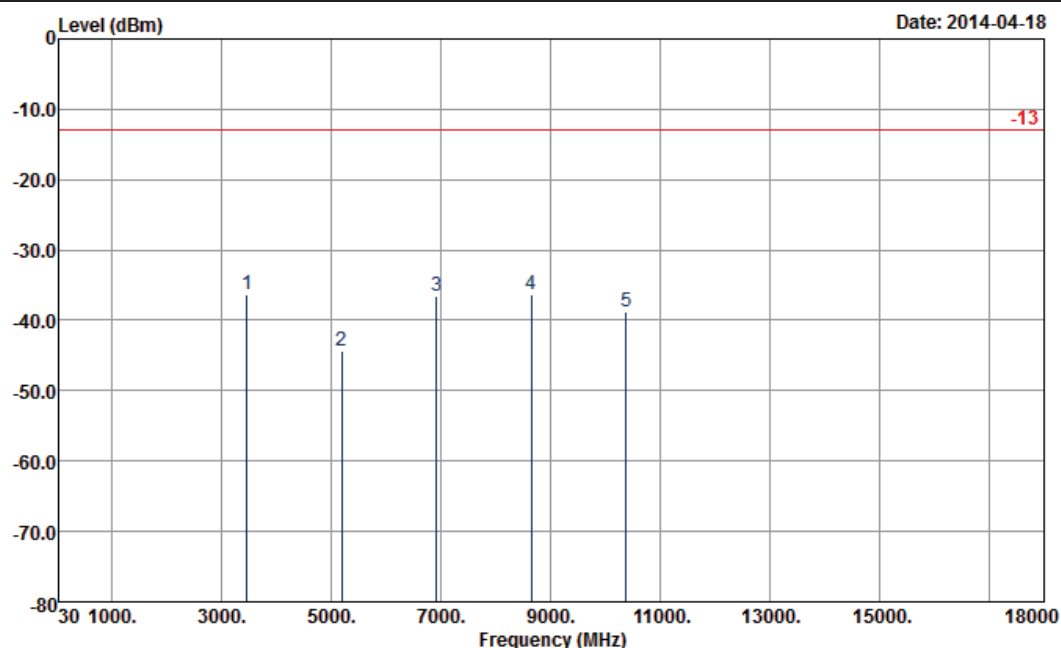
Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3462	-39.19	-13	-26.19	-51.79	-43.02	4.48	8.31	H	Pass
5191	-47.10	-13	-34.10	-63.29	-51.74	5.332	9.98	H	Pass
6920	-34.78	-13	-21.78	-61.83	-40.02	6.1	11.34	H	Pass
8649	-33.21	-13	-20.21	-61.61	-38.13	8.25	13.17	H	Pass
10384	-35.13	-13	-22.13	-66.92	-39.42	8.65	12.94	H	Pass



Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



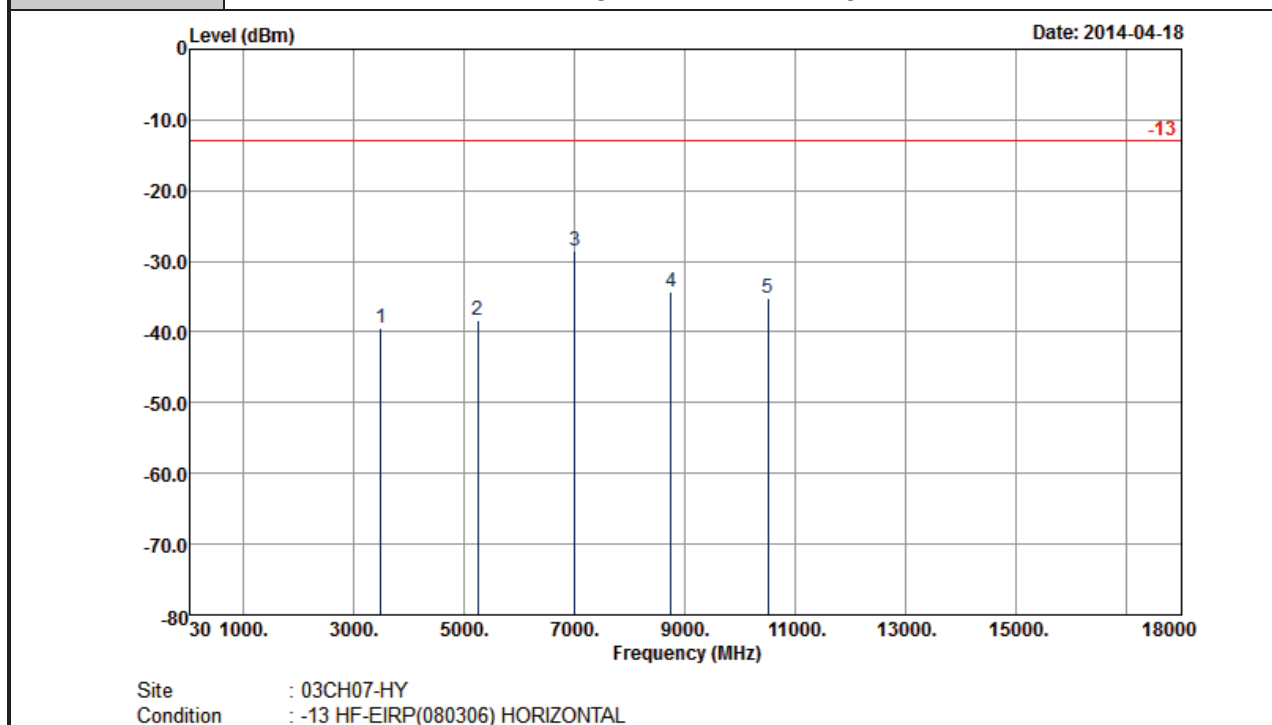
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3462	-36.36	-13	-23.36	-51.79	-40.19	4.48	8.31	V	Pass
5191	-44.26	-13	-31.26	-63.29	-48.90	5.332	9.98	V	Pass
6820	-36.45	-13	-23.45	-61.83	-41.69	6.1	11.34	V	Pass
8649	-36.22	-13	-23.22	-61.61	-41.14	8.25	13.17	V	Pass
10384	-38.79	-13	-25.79	-66.92	-43.08	8.65	12.94	V	Pass



<High Channel>

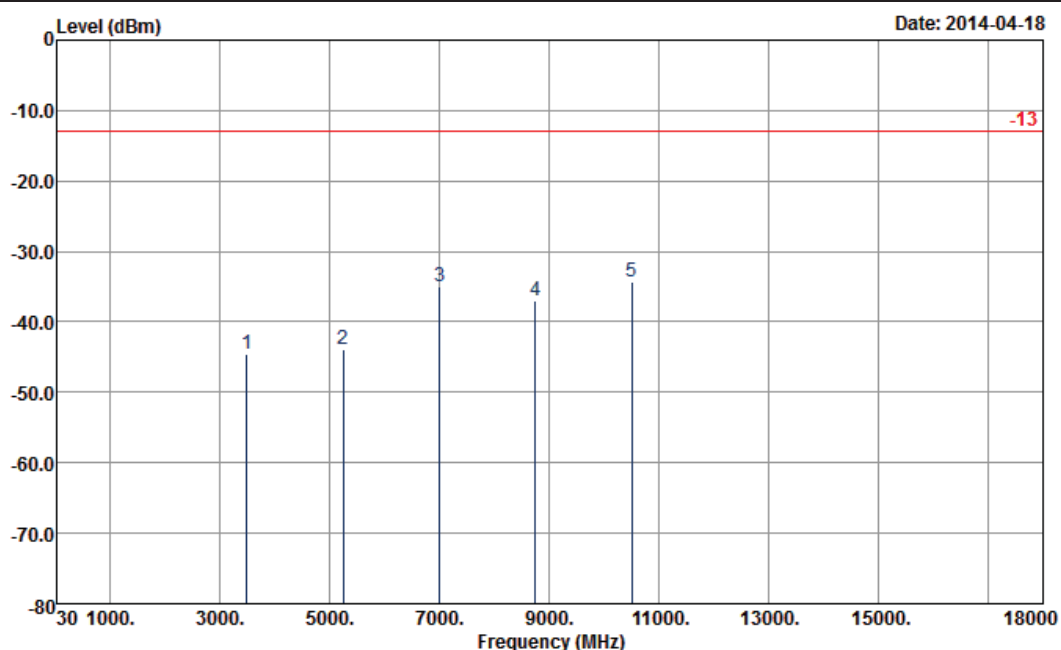
Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3497	-39.51	-13	-26.51	-54.01	-43.78	4.16	8.43	H	Pass
5254	-38.27	-13	-25.27	-57.43	-43.23	5.13	10.09	H	Pass
7004	-28.47	-13	-15.47	-54.85	-33.75	6.15	11.43	H	Pass
8754	-34.42	-13	-21.42	-60.21	-39.48	8.09	13.15	H	Pass
10504	-35.28	-13	-22.28	-64.77	-40.8	7.41	12.93	H	Pass



Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



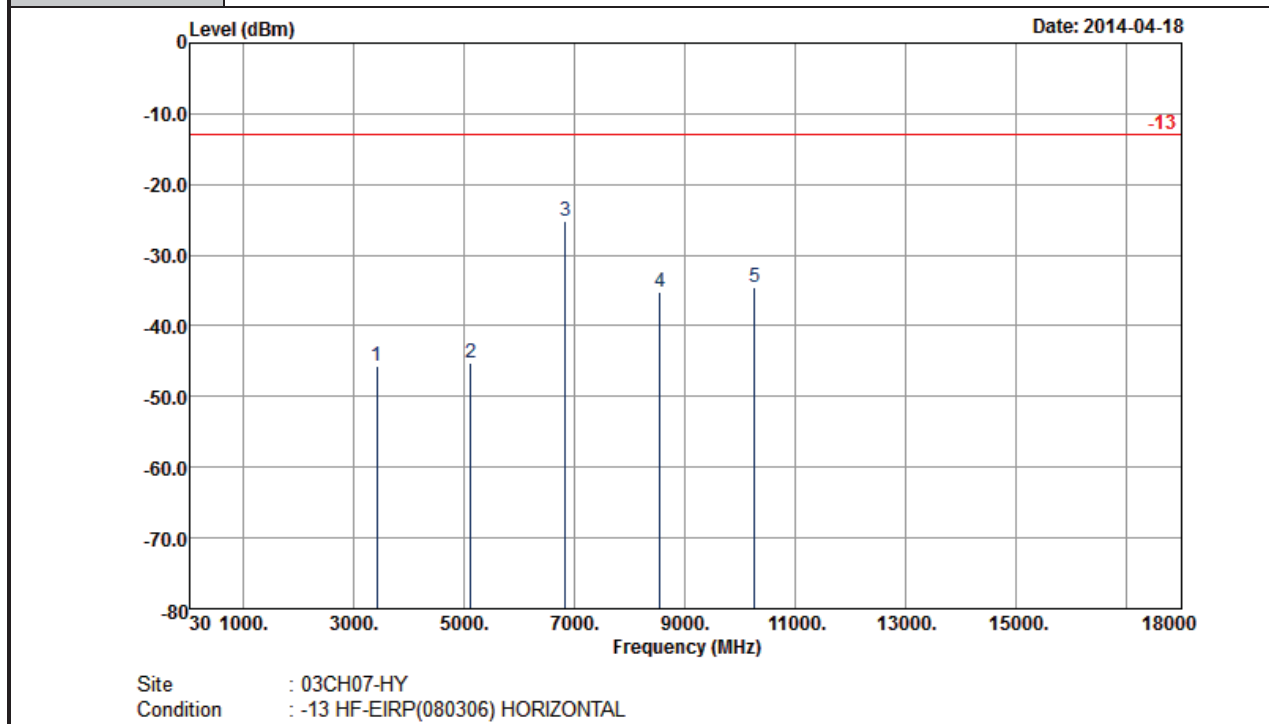
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3497	-44.61	-13	-31.61	-60.16	-48.88	4.16	8.43	V	Pass
5254	-43.80	-13	-30.80	-62.9	-48.76	5.13	10.09	V	Pass
7004	-34.99	-13	-21.99	-60.49	-40.27	6.15	11.43	V	Pass
8754	-36.99	-13	-23.99	-62.32	-42.05	8.09	13.15	V	Pass
10504	-34.24	-13	-21.24	-62.52	-39.76	7.41	12.93	V	Pass



<Low Channel>

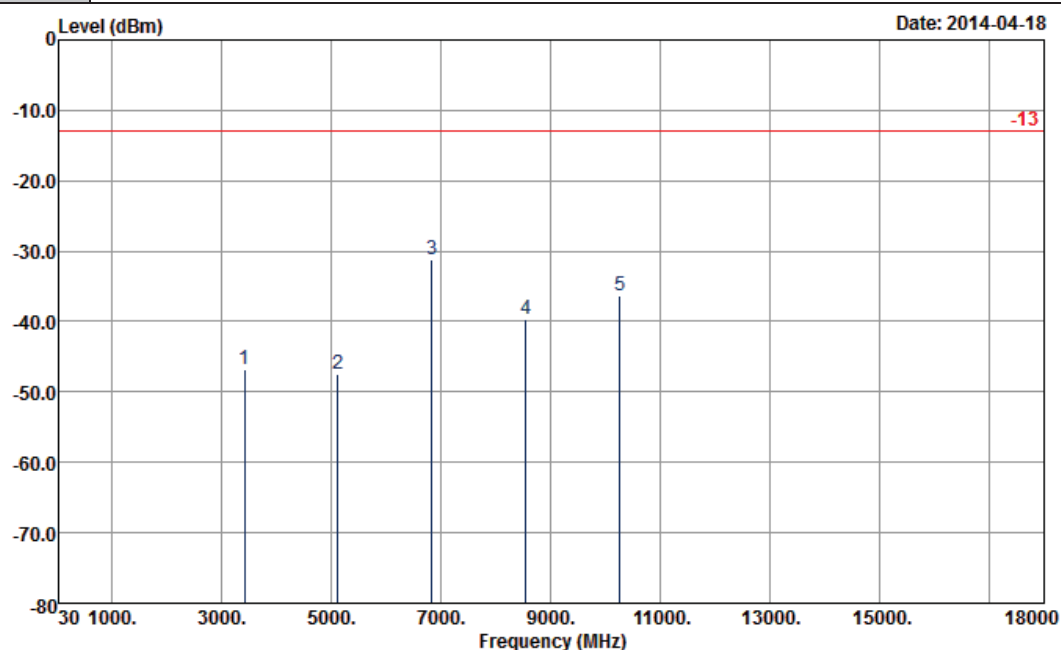
Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3420	-45.65	-13	-32.65	-59.88	-49.47	4.51	8.33	H	Pass
5128	-45.16	-13	-32.16	-63.79	-49.83	5.36	10.03	H	Pass
6843	-25.08	-13	-12.08	-50.75	-30.31	6.13	11.36	H	Pass
8551	-35.11	-13	-22.11	-60.58	-40.01	8.29	13.19	H	Pass
10264	-34.47	-13	-21.47	-63.62	-38.72	8.74	12.99	H	Pass



Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



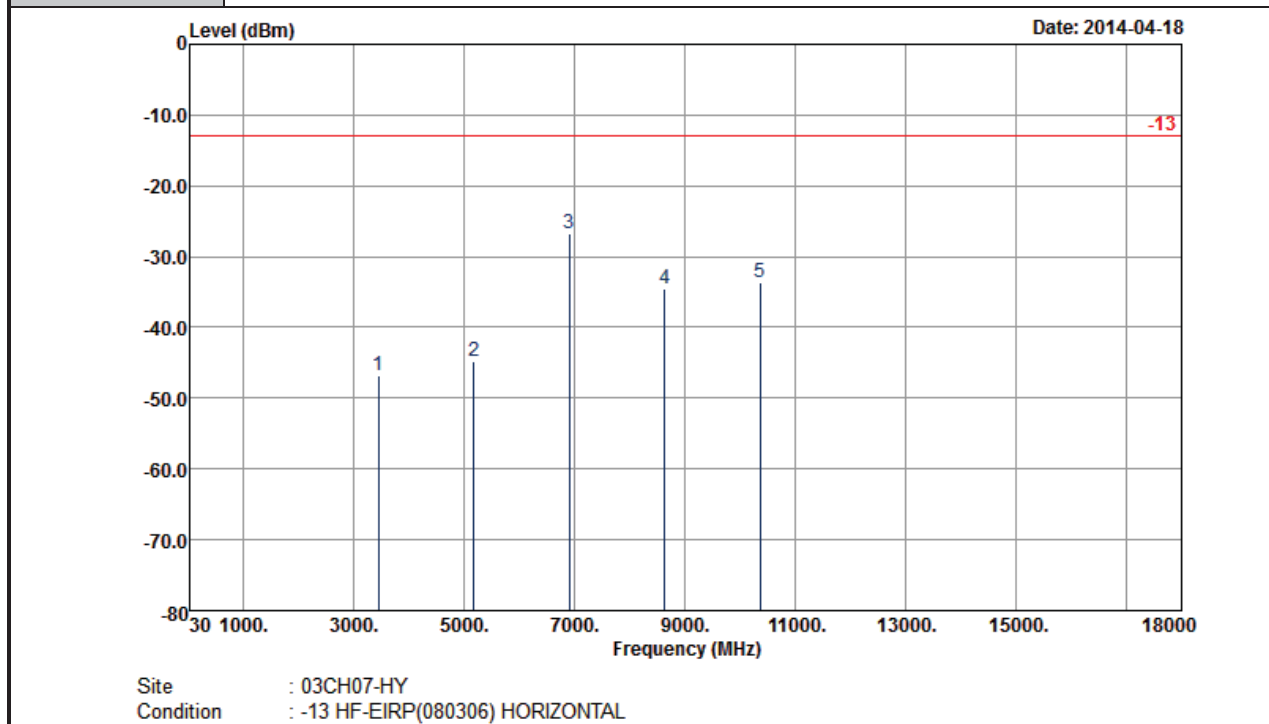
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3420	-46.81	-13	-33.81	-62.3	-50.63	4.51	8.33	V	Pass
5128	-47.57	-13	-34.57	-66.2	-52.24	5.36	10.03	V	Pass
6843	-31.15	-13	-18.15	-56.1	-36.38	6.13	11.36	V	Pass
8551	-39.61	-13	-26.61	-64.78	-44.51	8.29	13.19	V	Pass
10264	-36.27	-13	-23.27	-64.31	-40.52	8.74	12.99	V	Pass



<Middle Channel>

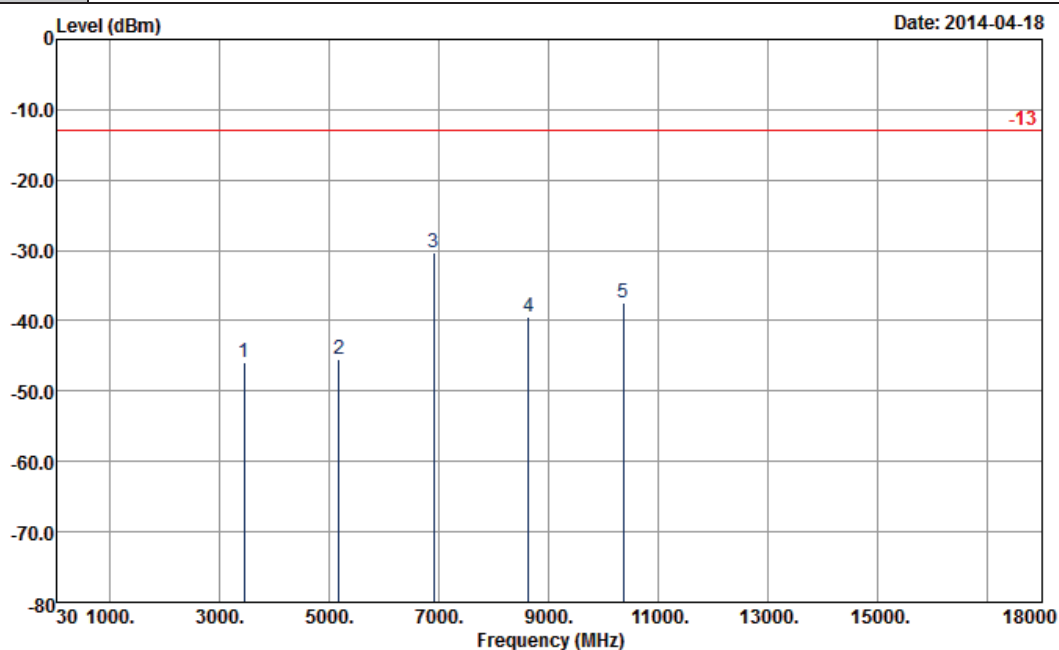
Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3455	-46.79	-13	-33.79	-61.09	-50.62	4.48	8.31	H	Pass
5184	-44.72	-13	-31.72	-63.45	-49.36	5.332	9.98	H	Pass
6913	-26.76	-13	-13.76	-52.75	-32	6.1	11.34	H	Pass
8642	-34.52	-13	-21.52	-60.01	-39.44	8.25	13.17	H	Pass
10368	-33.68	-13	-20.68	-62.88	-37.97	8.65	12.94	H	Pass



Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



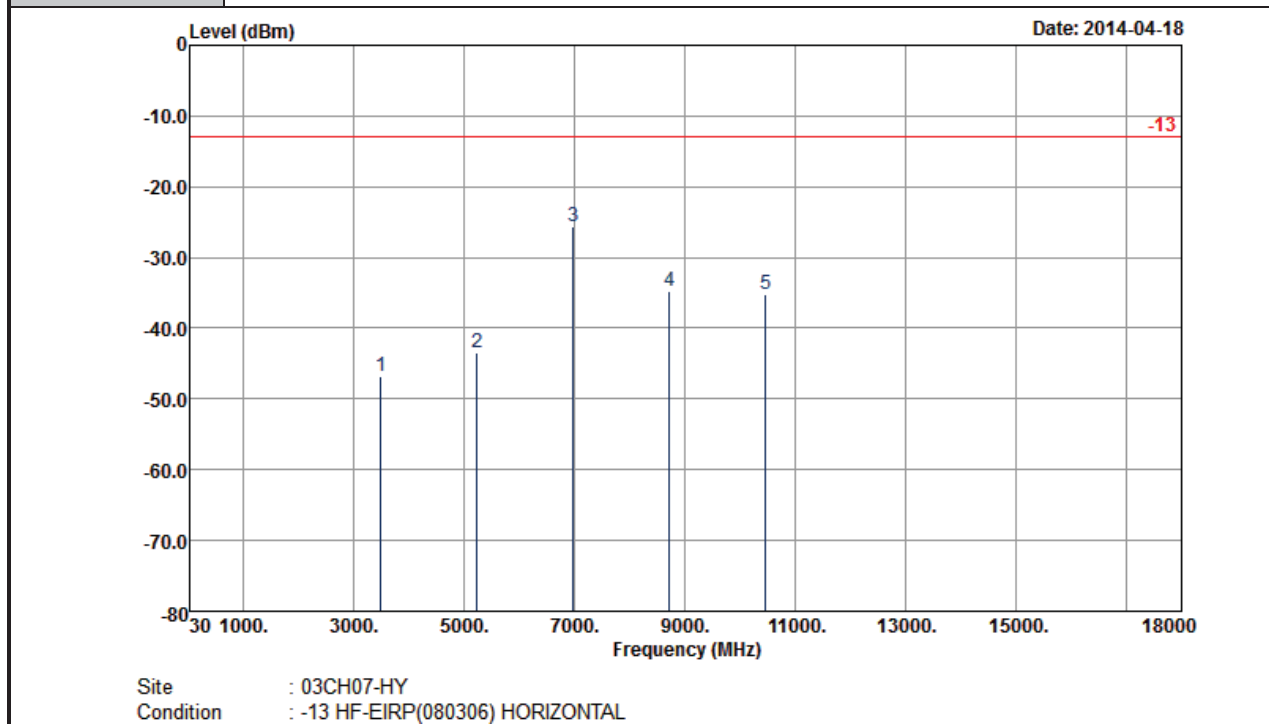
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3455	-45.83	-13	-32.83	-61.28	-49.66	4.48	8.31	V	Pass
5184	-45.48	-13	-32.48	-64.18	-50.12	5.332	9.98	V	Pass
6913	-30.34	-13	-17.34	-55.53	-35.58	6.1	11.34	V	Pass
8642	-39.46	-13	-26.46	-64.65	-44.38	8.25	13.17	V	Pass
10368	-37.38	-13	-24.38	-65.42	-41.67	8.65	12.94	V	Pass



<High Channel>

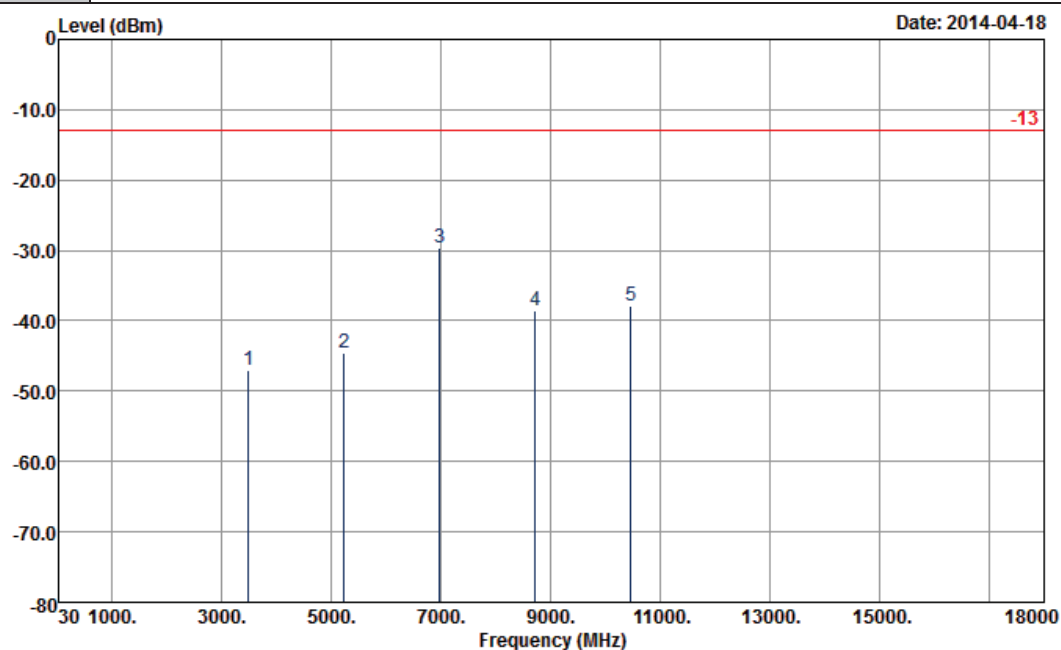
Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3490	-46.86	-13	-33.86	-61.23	-51.05	4.2	8.39	H	Pass
5233	-43.56	-13	-30.56	-62.52	-48.44	5.17	10.05	H	Pass
6983	-25.60	-13	-12.60	-52.01	-30.8	6.2	11.40	H	Pass
8726	-34.72	-13	-21.72	-60.36	-39.73	8.11	13.12	H	Pass
10472	-35.12	-13	-22.12	-64.35	-40.56	7.45	12.89	H	Pass



Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



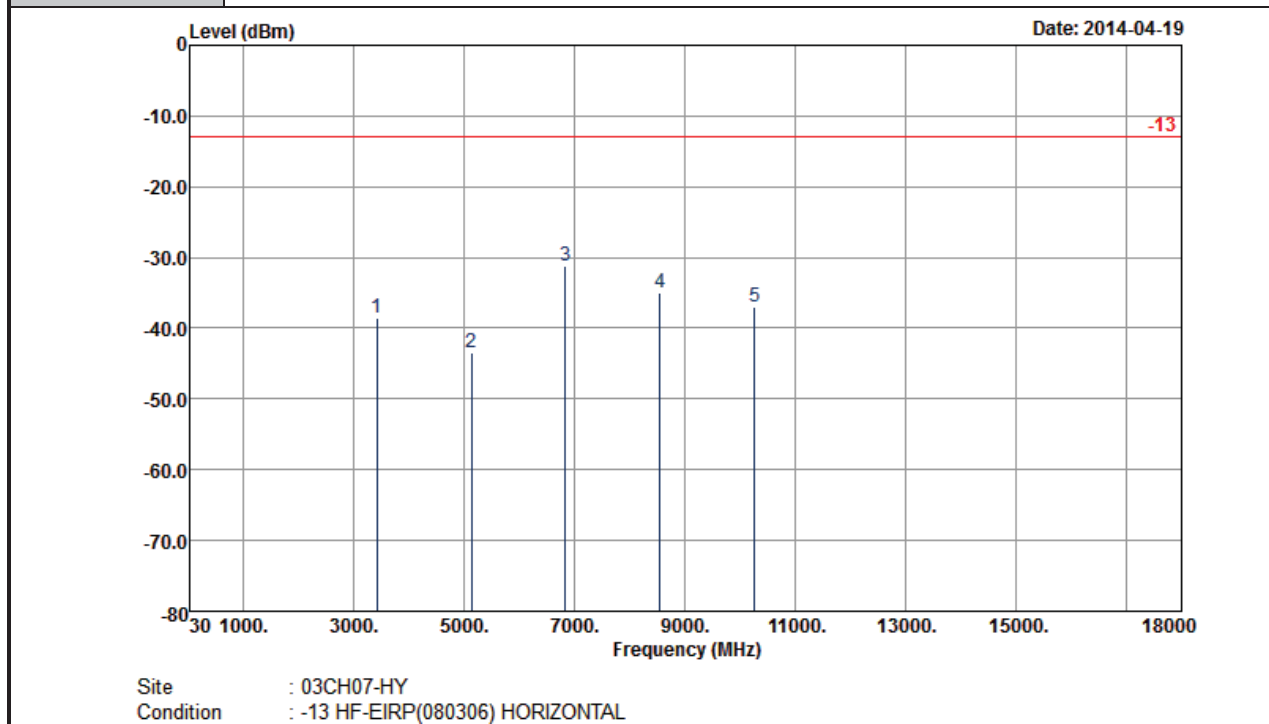
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3490	-46.94	-13	-33.94	-62.49	-51.13	4.2	8.39	V	Pass
5233	-44.61	-13	-31.61	-63.57	-49.49	5.17	10.05	V	Pass
6983	-29.66	-13	-16.66	-55.19	-34.86	6.2	11.40	V	Pass
8726	-38.53	-13	-25.53	-63.79	-43.54	8.11	13.12	V	Pass
10472	-37.81	-13	-24.81	-66.11	-43.25	7.45	12.89	V	Pass



<Low Channel>

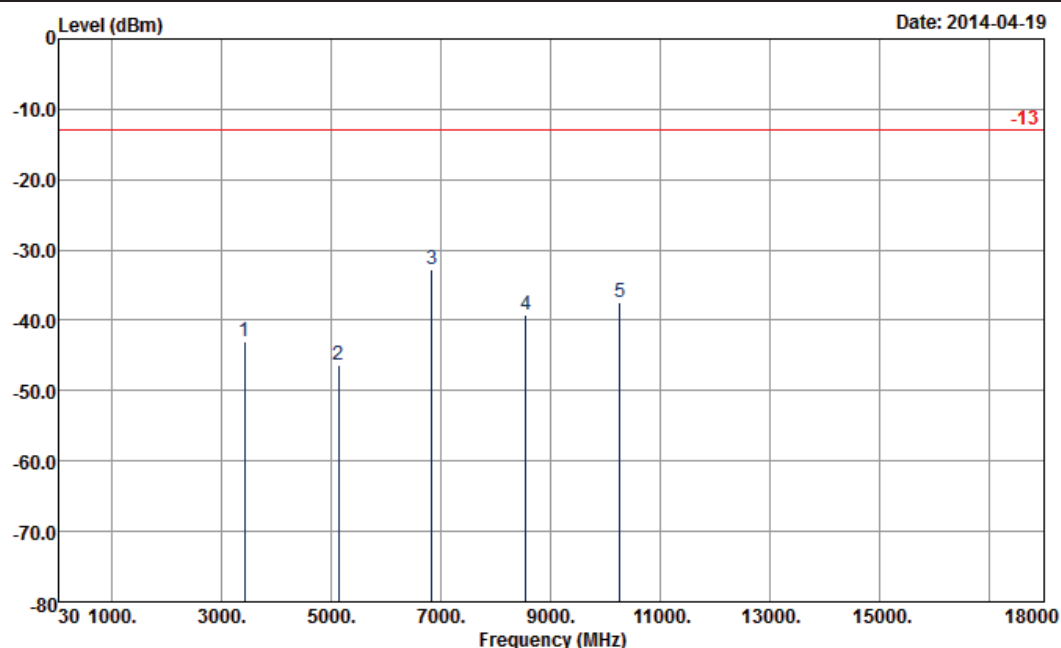
Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3420	-38.54	-13	-25.54	-52.58	-42.31	4.59	8.36	H	Pass
5135	-43.36	-13	-30.36	-61.78	-48	5.41	10.05	H	Pass
6843	-31.16	-13	-18.16	-57.08	-36.4	6.15	11.39	H	Pass
8551	-35.00	-13	-22.00	-60.59	-39.88	8.36	13.24	H	Pass
10264	-36.95	-13	-23.95	-65.74	-41.23	8.75	13.03	H	Pass



Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



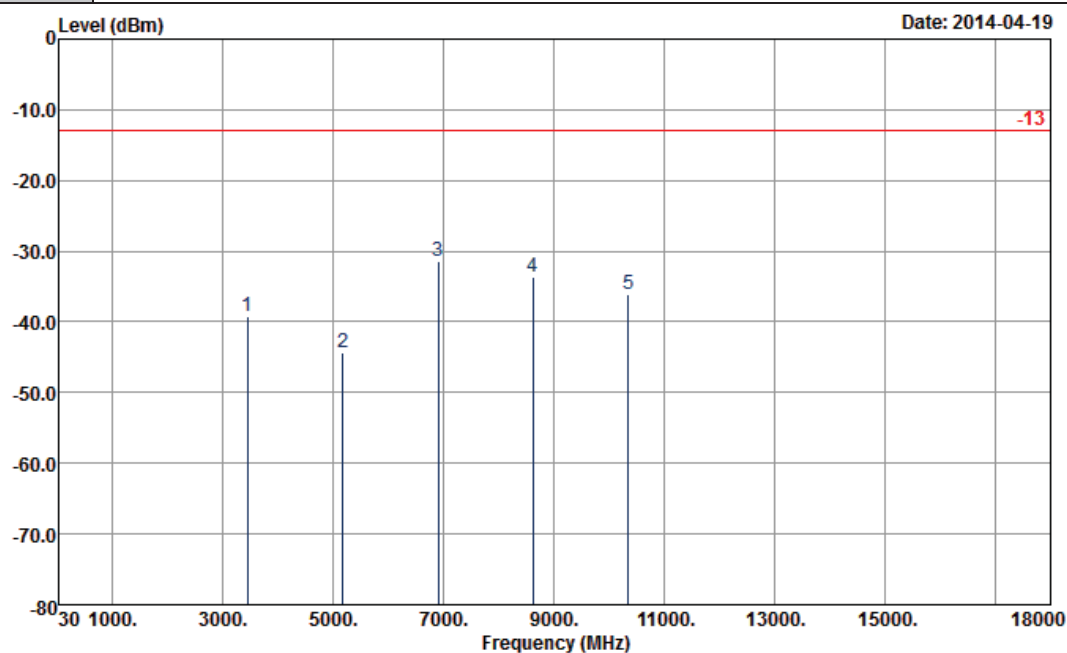
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3420	-42.98	-13	-29.98	-58.28	-46.75	4.59	8.36	V	Pass
5135	-46.32	-13	-33.32	-64.77	-50.96	5.41	10.05	V	Pass
6843	-32.86	-13	-19.86	-57.81	-38.1	6.15	11.39	V	Pass
8551	-39.19	-13	-26.19	-64.1	-44.07	8.36	13.24	V	Pass
10264	-37.51	-13	-24.51	-65.3	-41.79	8.75	13.03	V	Pass



<Middle Channel>

Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		

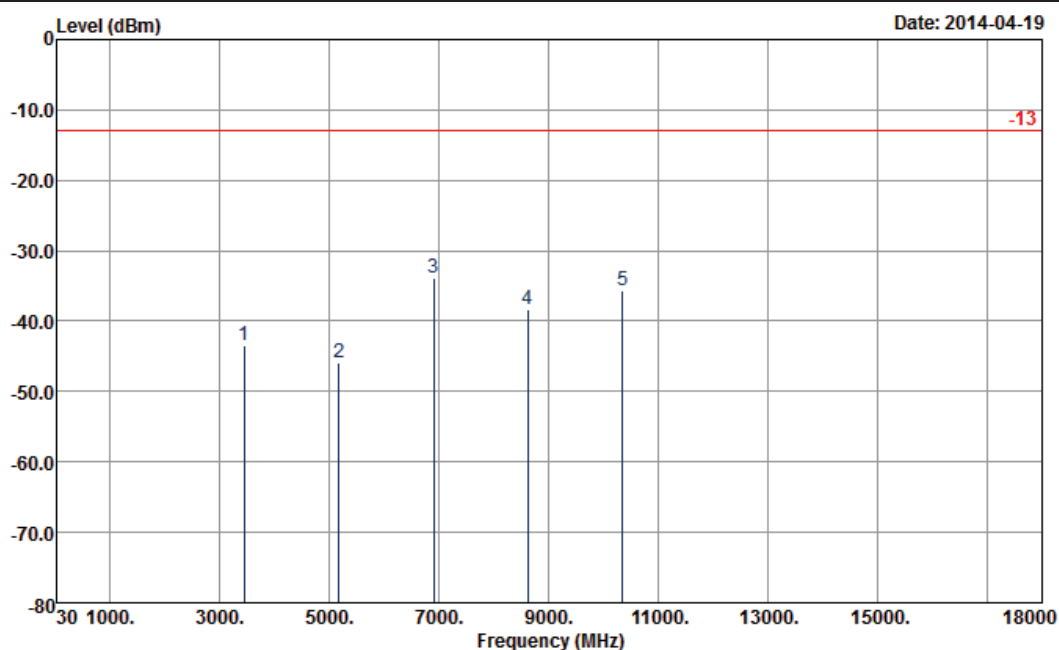


Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) HORIZONTAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3448	-39.21	-13	-26.21	-53.43	-43.04	4.48	8.31	H	Pass
5177	-44.26	-13	-31.26	-62.94	-48.90	5.332	9.98	H	Pass
6906	-31.46	-13	-18.46	-57.39	-36.70	6.1	11.34	H	Pass
8628	-33.63	-13	-20.63	-59.33	-38.55	8.25	13.17	H	Pass
10352	-36.21	-13	-23.21	-65.1	-40.50	8.65	12.94	H	Pass



Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



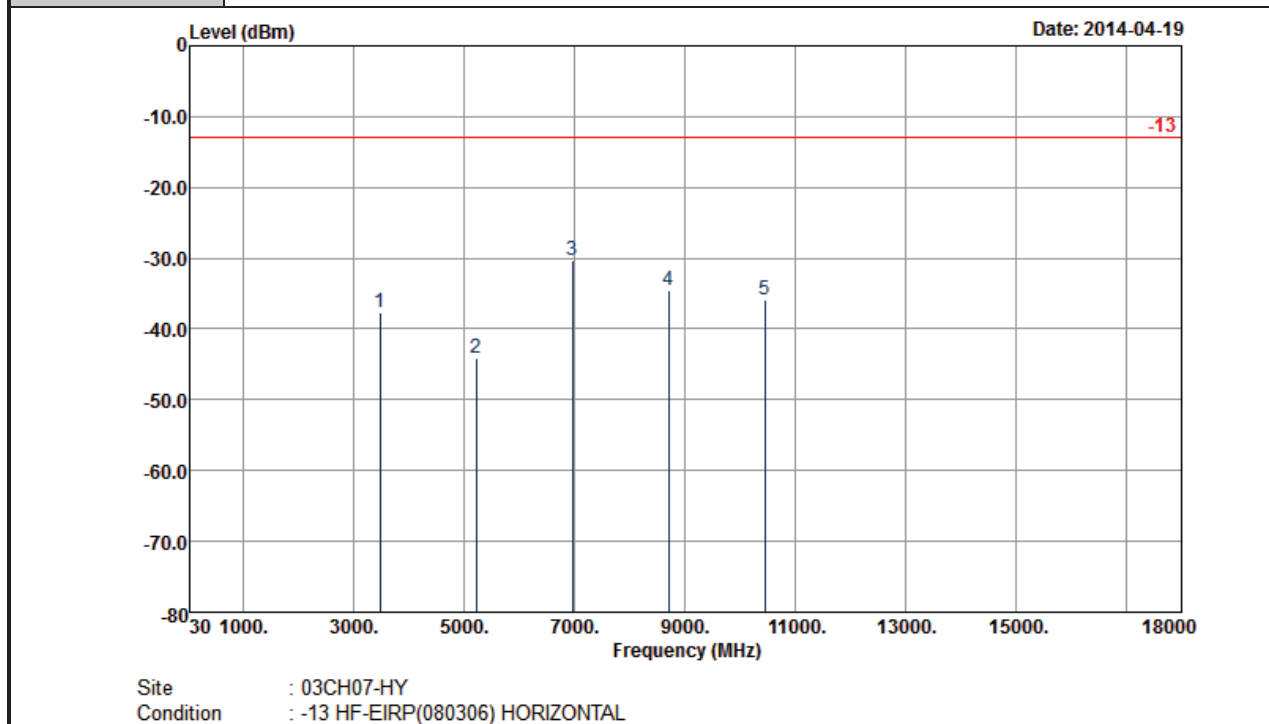
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3448	-43.52	-13	-30.52	-58.99	-47.35	4.48	8.31	V	Pass
5177	-45.86	-13	-32.86	-64.65	-50.50	5.332	9.98	V	Pass
6906	-33.85	-13	-20.85	-59.09	-39.09	6.1	11.34	V	Pass
8628	-38.32	-13	-25.32	-63.56	-43.24	8.25	13.17	V	Pass
10352	-35.60	-13	-22.60	-63.85	-39.89	8.65	12.94	V	Pass



<High Channel>

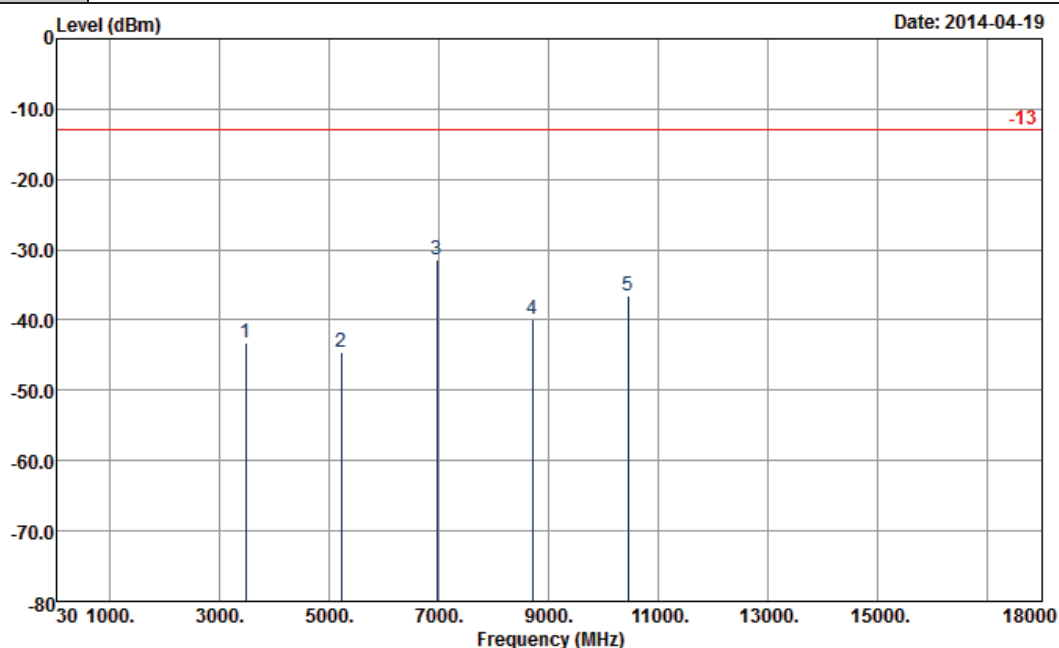
Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3483	-37.73	-13	-24.73	-51.79	-41.87	4.24	8.38	H	Pass
5219	-44.20	-13	-31.20	-63.18	-49.07	5.18	10.05	H	Pass
6962	-30.20	-13	-17.20	-56.31	-35.39	6.19	11.38	H	Pass
8705	-34.55	-13	-21.55	-60.34	-39.54	8.1	13.09	H	Pass
10448	-35.90	-13	-22.90	-65.35	-41.35	7.43	12.88	H	Pass



Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



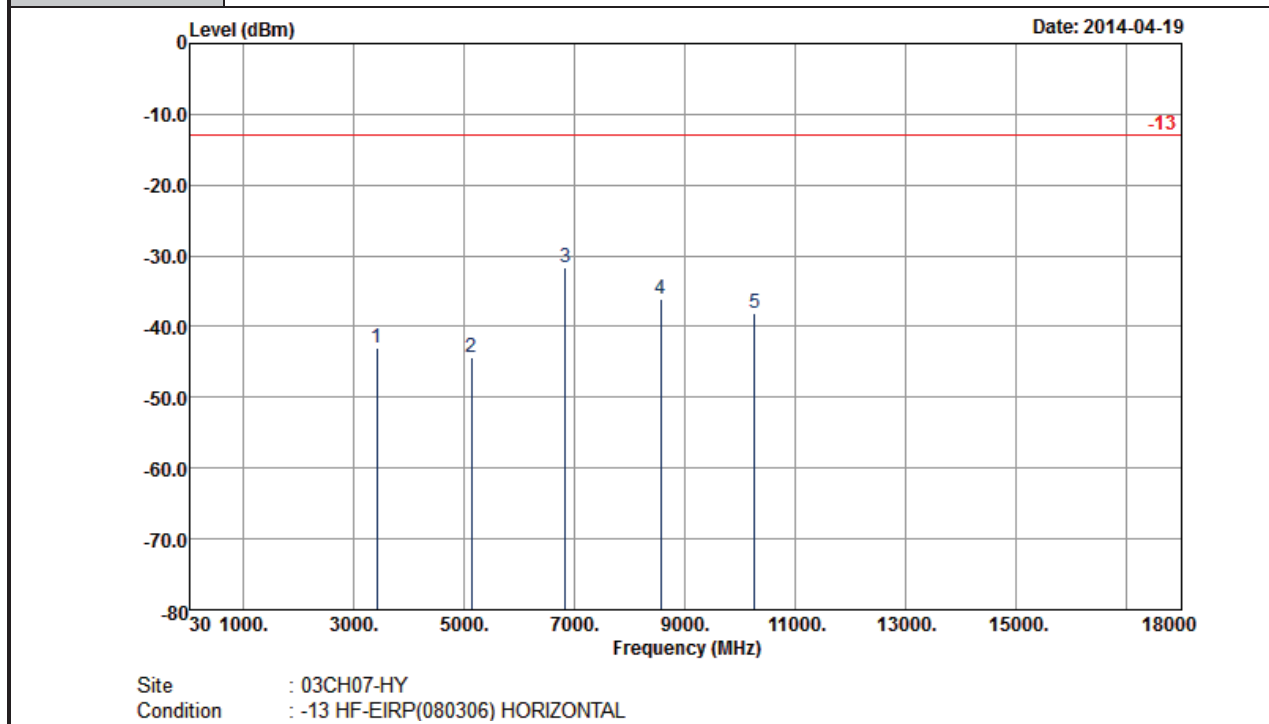
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3483	-43.20	-13	-30.20	-58.75	-47.34	4.24	8.38	V	Pass
5219	-44.66	-13	-31.66	-63.73	-49.53	5.18	10.05	V	Pass
6962	-31.51	-13	-18.51	-56.74	-36.70	6.19	11.38	V	Pass
8705	-39.92	-13	-26.92	-65.06	-44.91	8.1	13.09	V	Pass
10448	-36.59	-13	-23.59	-64.61	-42.04	7.43	12.88	V	Pass



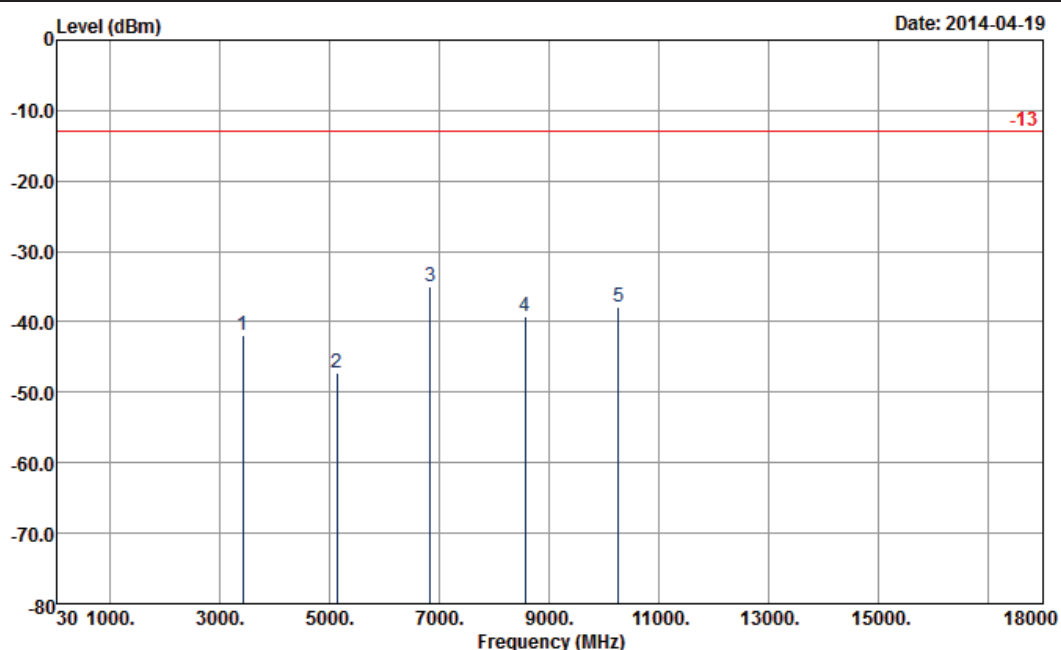
<Low Channel>

Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3420	-43.07	-13	-30.07	-57.36	-46.85	4.62	8.40	H	Pass
5135	-44.38	-13	-31.38	-62.93	-49.01	5.45	10.08	H	Pass
6843	-31.75	-13	-18.75	-57.37	-36.99	6.18	11.42	H	Pass
8558	-36.08	-13	-23.08	-61.64	-40.95	8.39	13.26	H	Pass
10264	-38.17	-13	-25.17	-66.99	-42.51	8.77	13.11	H	Pass

Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



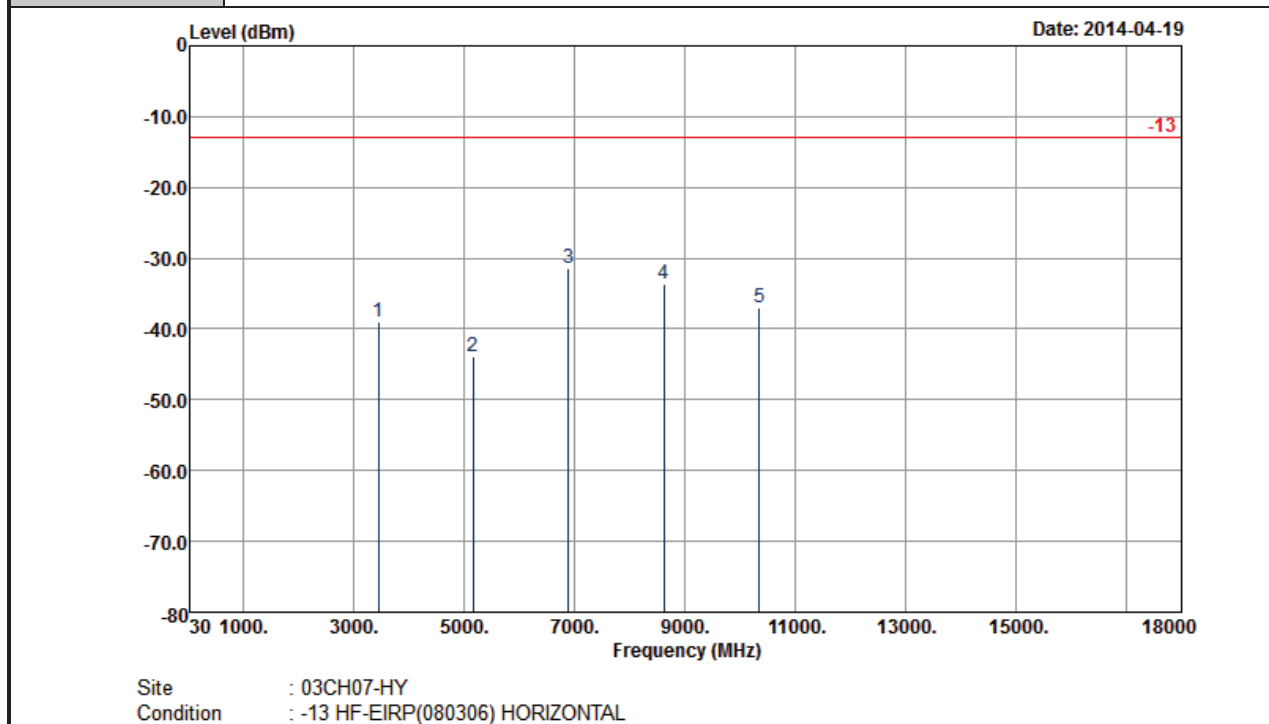
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3420	-41.79	-13	-28.79	-57.37	-45.57	4.62	8.40	V	Pass
5135	-47.24	-13	-34.24	-65.55	-51.87	5.45	10.08	V	Pass
6843	-34.91	-13	-21.91	-59.77	-40.15	6.18	11.42	V	Pass
8558	-39.29	-13	-26.29	-64.62	-44.16	8.39	13.26	V	Pass
10264	-37.79	-13	-24.79	-65.97	-42.13	8.77	13.11	V	Pass



<Middle Channel>

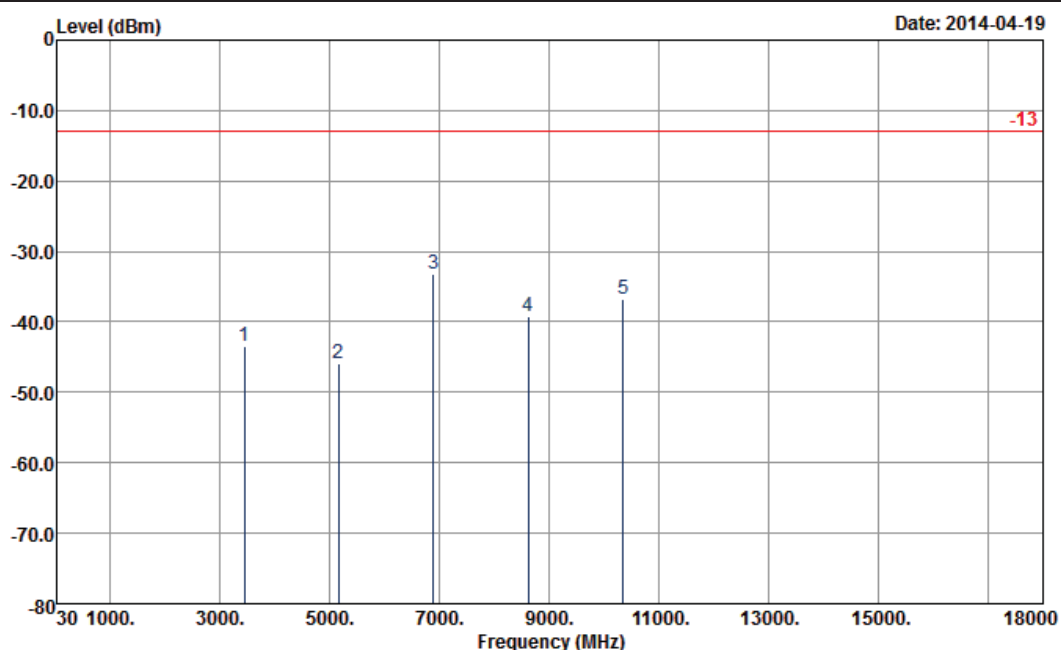
Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3448	-39.06	-13	-26.06	-53.06	-42.89	4.48	8.31	H	Pass
5170	-43.87	-13	-30.87	-62.53	-48.51	5.332	9.98	H	Pass
6892	-31.52	-13	-18.52	-57.48	-36.76	6.1	11.34	H	Pass
8621	-33.57	-13	-20.57	-58.82	-38.49	8.25	13.17	H	Pass
10344	-37.06	-13	-24.06	-66.4	-41.35	8.65	12.94	H	Pass



Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



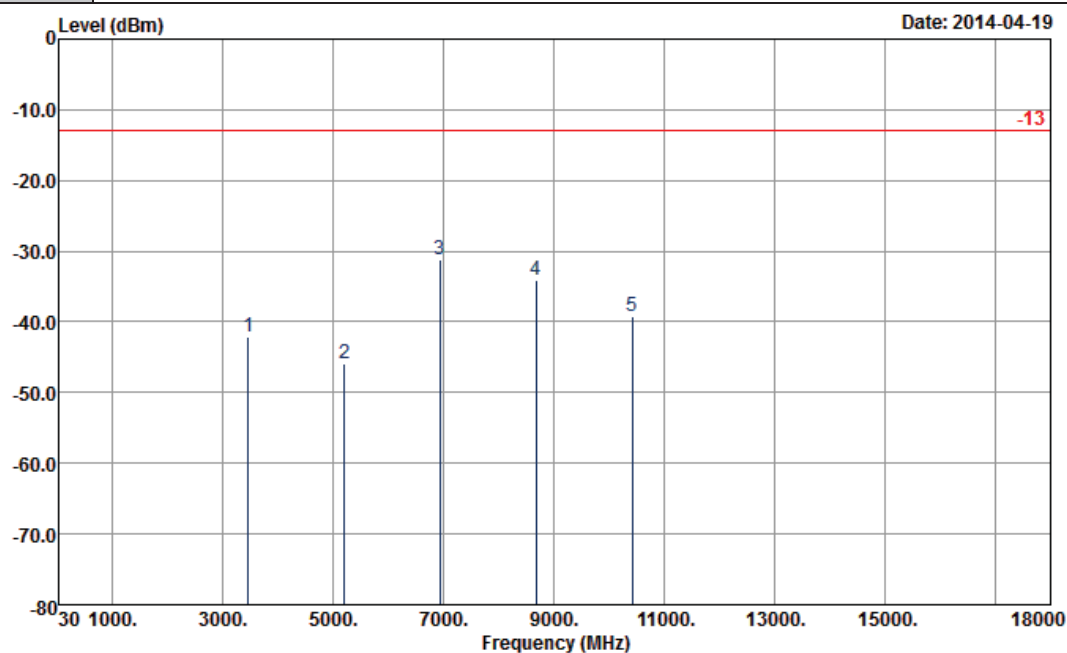
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3448	-43.49	-13	-30.49	-58.99	-47.32	4.48	8.31	V	Pass
5170	-45.94	-13	-32.94	-64.53	-50.58	5.332	9.98	V	Pass
6892	-33.13	-13	-20.13	-58.33	-38.37	6.1	11.34	V	Pass
8621	-39.28	-13	-26.28	-64.44	-44.20	8.25	13.17	V	Pass
10344	-36.77	-13	-23.77	-64.85	-41.06	8.65	12.94	V	Pass



<High Channel>

Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		

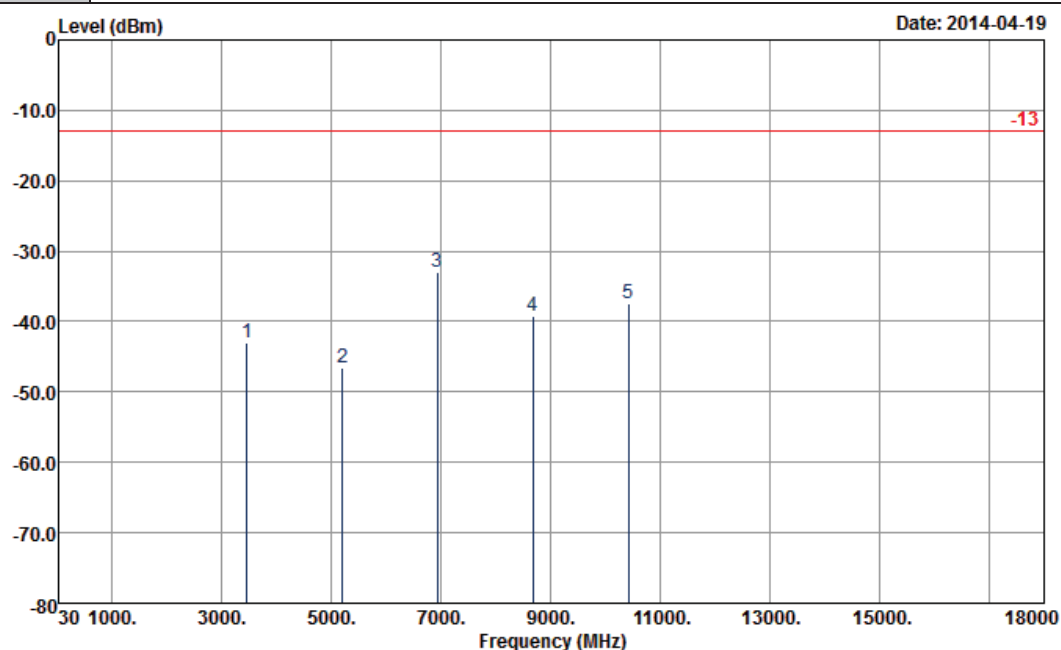


Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) HORIZONTAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3469	-42.12	-13	-29.12	-56.21	-46.21	4.28	8.37	H	Pass
5205	-45.85	-13	-32.85	-64.83	-50.66	5.22	10.03	H	Pass
6941	-31.21	-13	-18.21	-57.42	-36.34	6.23	11.36	H	Pass
8677	-34.12	-13	-21.12	-59.85	-39.05	8.15	13.08	H	Pass
10416	-39.23	-13	-26.23	-68.45	-44.65	7.47	12.89	H	Pass



Band :	LTE Band 4	Temperature :	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (7 th , 8 th , 9 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



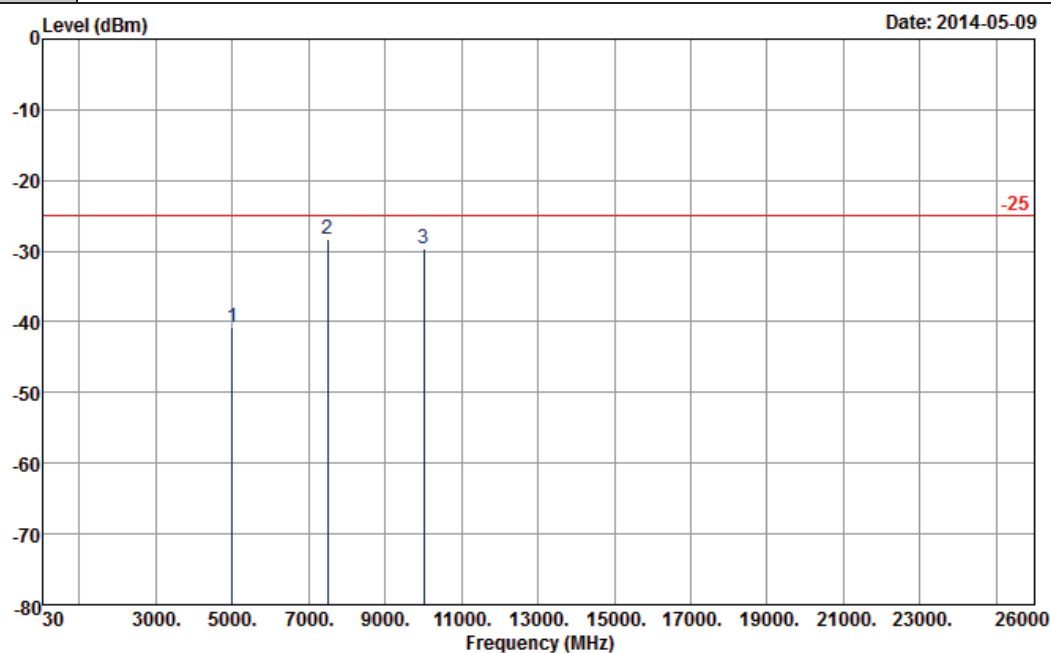
Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3469	-43.03	-13	-30.03	-58.37	-47.12	4.28	8.37	V	Pass
5205	-46.60	-13	-33.60	-65.57	-51.41	5.22	10.03	V	Pass
6941	-33.07	-13	-20.07	-58.35	-38.2	6.23	11.36	V	Pass
8677	-39.12	-13	-26.12	-64.15	-44.05	8.15	13.08	V	Pass
10416	-37.54	-13	-24.54	-65.68	-42.96	7.47	12.89	V	Pass



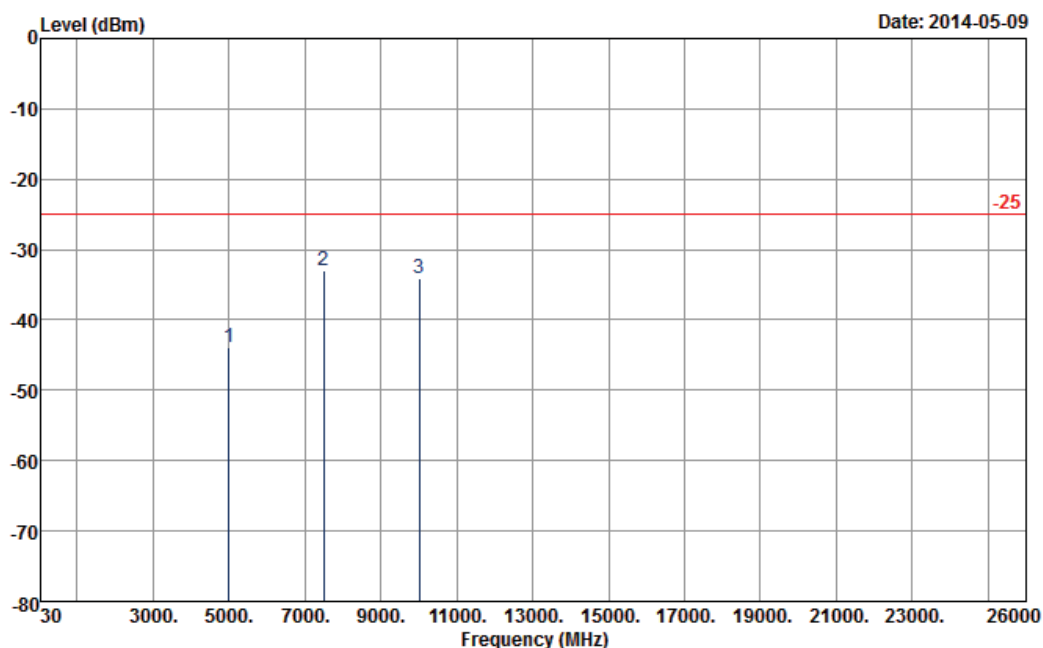
<Low Channel>

Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
4998	-40.88	-25	-15.88	-58.8	-44.44	6.78	10.34	H	Pass
7500	-28.19	-25	-3.19	-55.68	-31.23	9.22	12.26	H	Pass
10002	-29.66	-25	-4.66	-58.23	-34	8.51	12.85	H	Pass

Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		

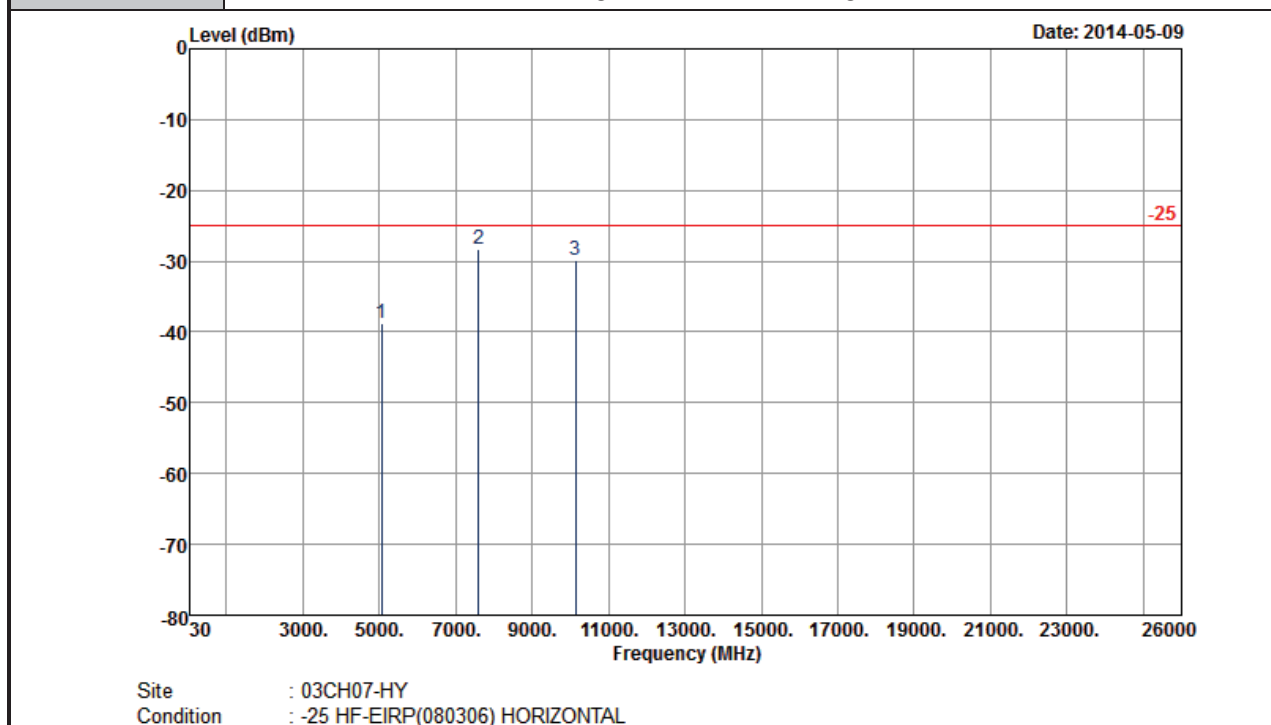


Site : 03CH07-HY
Condition : -25 HF-EIRP(080306) VERTICAL

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
4998	-43.95	-25	-18.95	-61.93	-47.51	6.78	10.34	V	Pass
7500	-32.95	-25	-7.95	-60.2	-35.99	9.22	12.26	V	Pass
10002	-34.04	-25	-9.04	-61.94	-38.38	8.51	12.85	V	Pass

<Middle Channel>

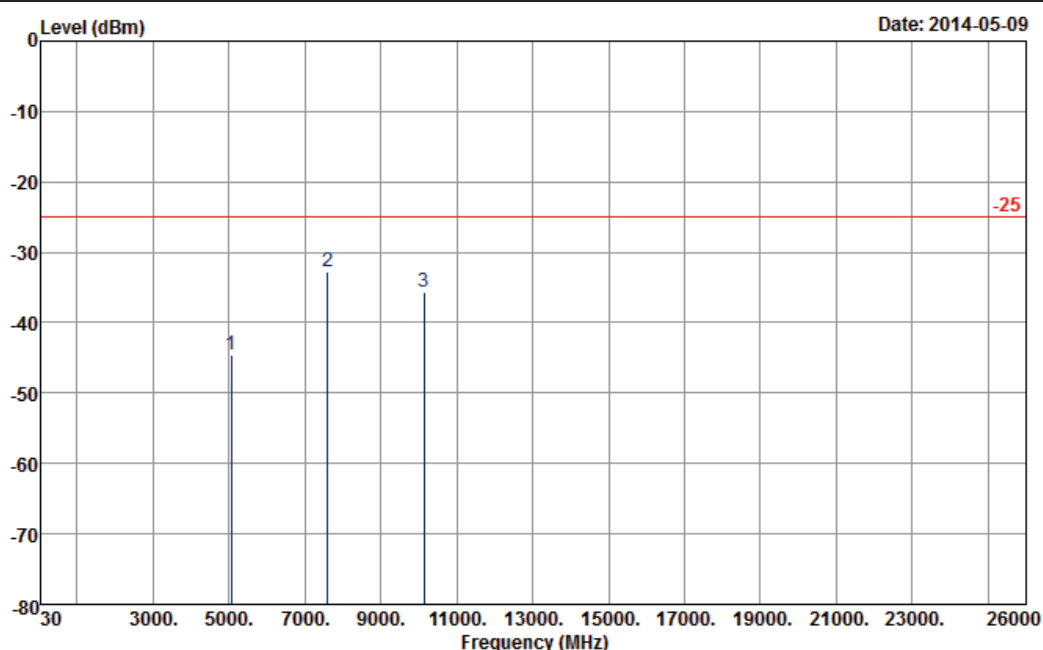
Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5064	-38.73	-25	-13.73	-56.97	-42.22	6.86	10.35	H	Pass
7596	-28.22	-25	-3.22	-54.96	-31.11	9.34	12.23	H	Pass
10128	-29.91	-25	-4.91	-58.69	-34.01	8.64	12.74	H	Pass



Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



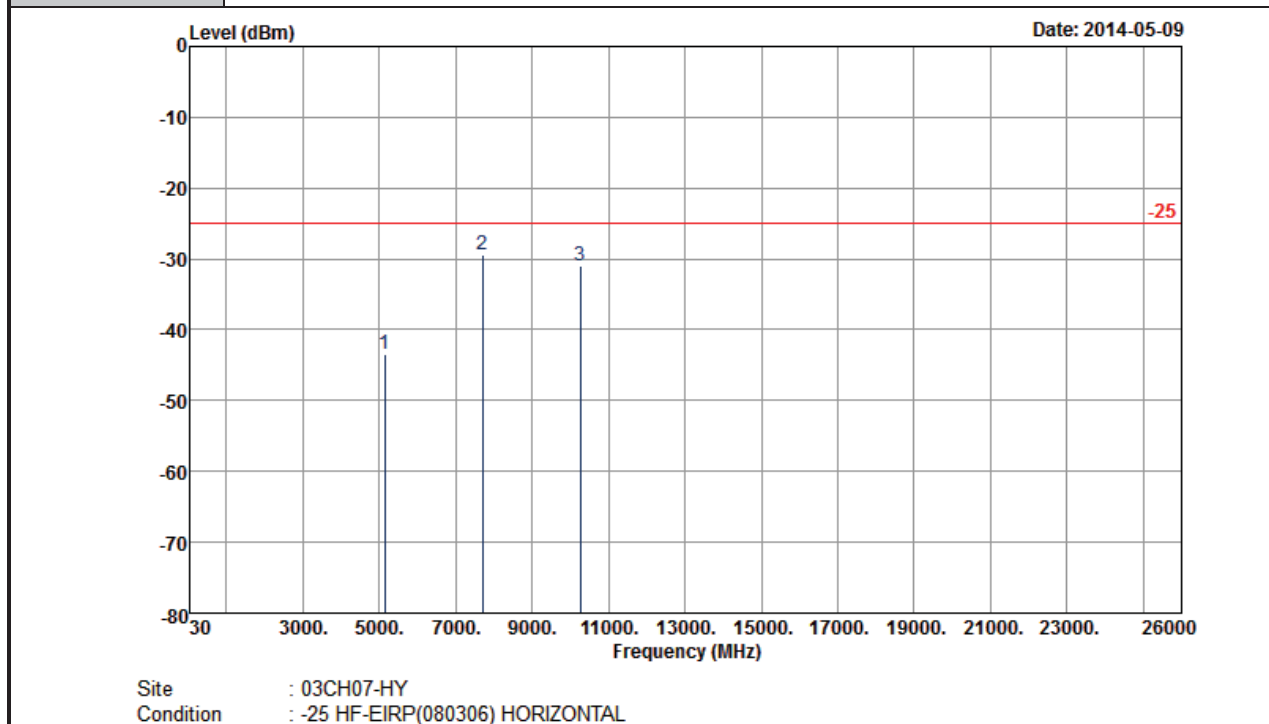
Site : 03CH07-HY
Condition : -25 HF-EIRP(080306) VERTICAL

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5064	-44.54	-25	-19.54	-62.8	-48.03	6.86	10.35	V	Pass
7596	-32.66	-25	-7.66	-59.19	-35.55	9.34	12.23	V	Pass
10128	-35.64	-25	-10.64	-63.52	-39.74	8.64	12.74	V	Pass



<High Channel>

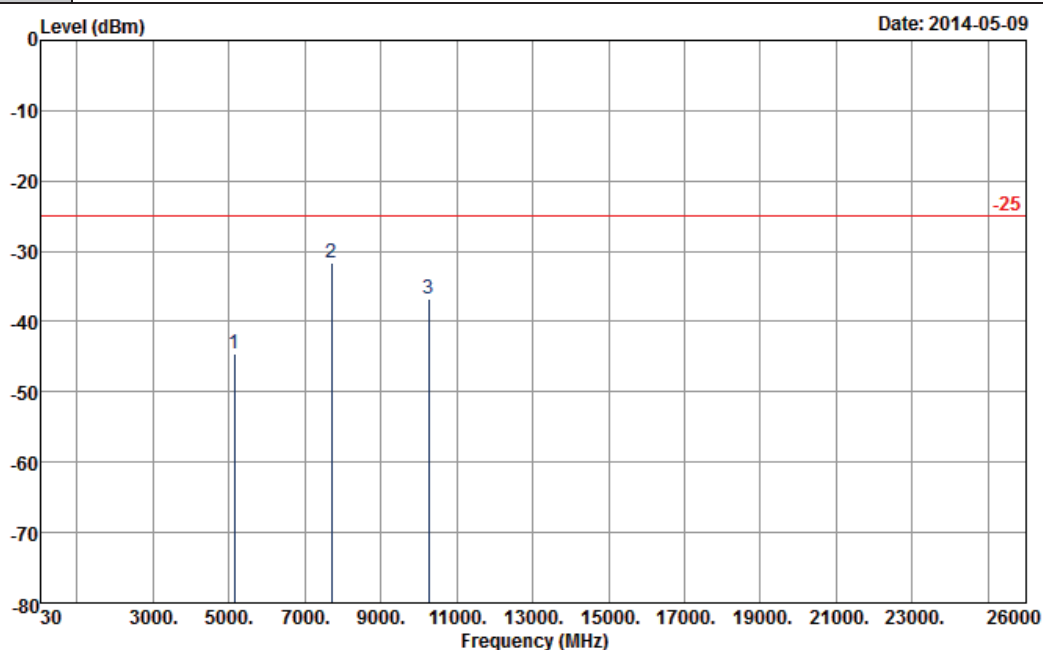
Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5130	-43.48	-25	-18.48	-61.97	-47.01	6.9	10.43	H	Pass
7698	-29.40	-25	-4.40	-55.27	-32.33	9.39	12.32	H	Pass
10260	-31.05	-25	-6.05	-60.06	-35.19	8.71	12.85	H	Pass



Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



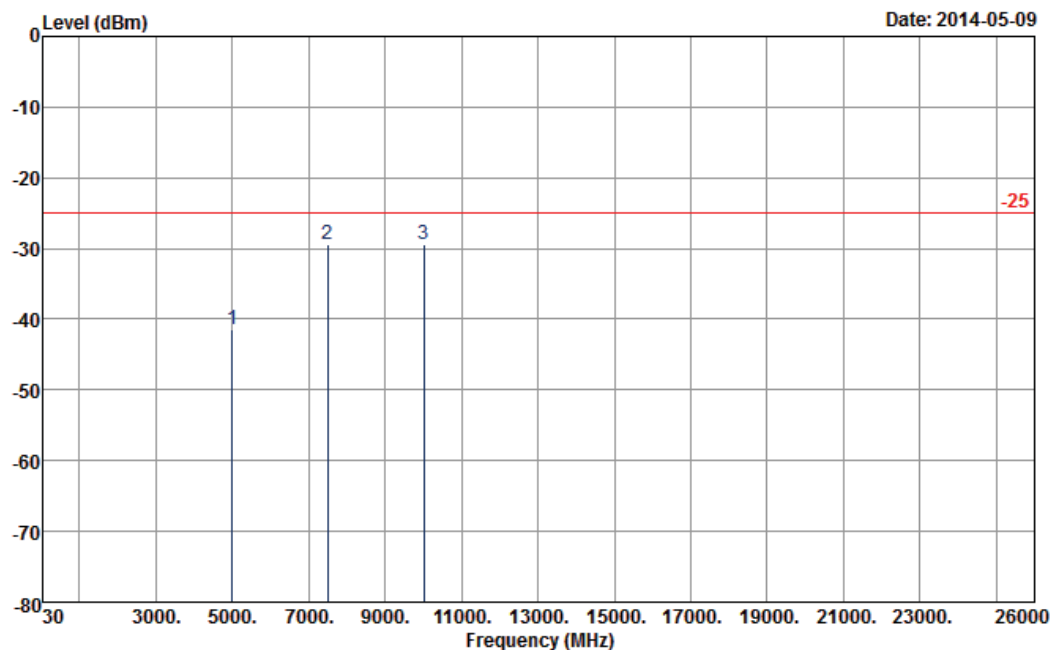
Site : 03CH07-HY
Condition : -25 HF-EIRP(080306) VERTICAL

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5130	-44.62	-25	-19.62	-63.22	-48.15	6.9	10.43	V	Pass
7698	-31.64	-25	-6.64	-57.43	-34.57	9.39	12.32	V	Pass
10260	-36.74	-25	-11.74	-64.89	-40.88	8.71	12.85	V	Pass



<Low Channel>

Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		

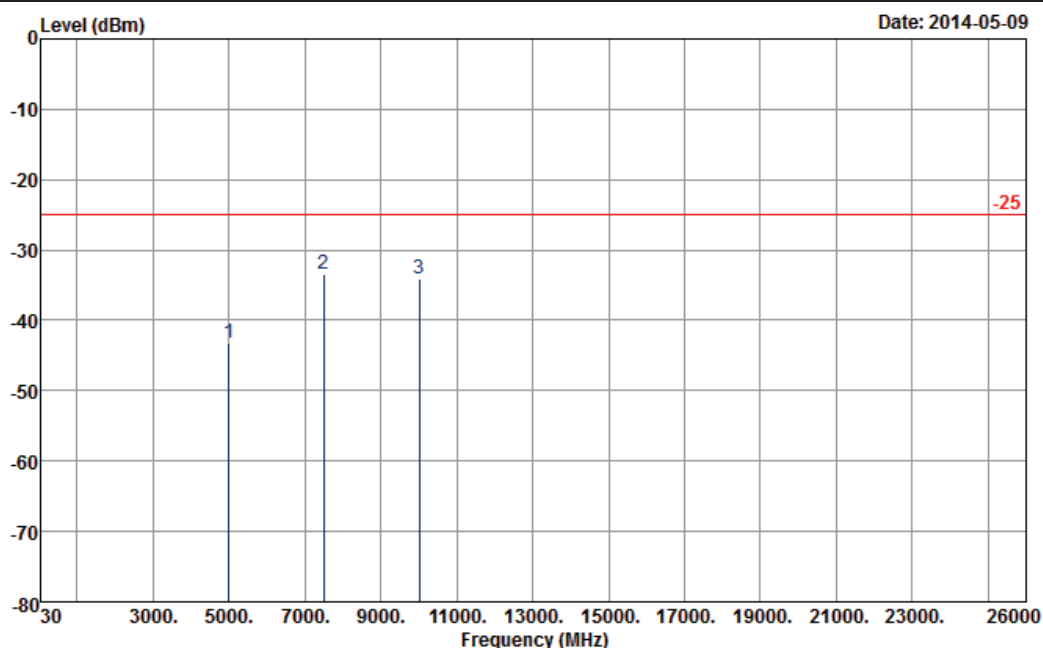


Site : 03CH07-HY
Condition : -25 HF-EIRP(080306) HORIZONTAL

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
4998	-41.48	-25	-16.48	-59.31	-45.02	6.81	10.35	H	Pass
7500	-29.35	-25	-4.35	-56.87	-32.33	9.26	12.24	H	Pass
10002	-29.45	-25	-4.45	-58.23	-33.74	8.54	12.83	H	Pass



Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



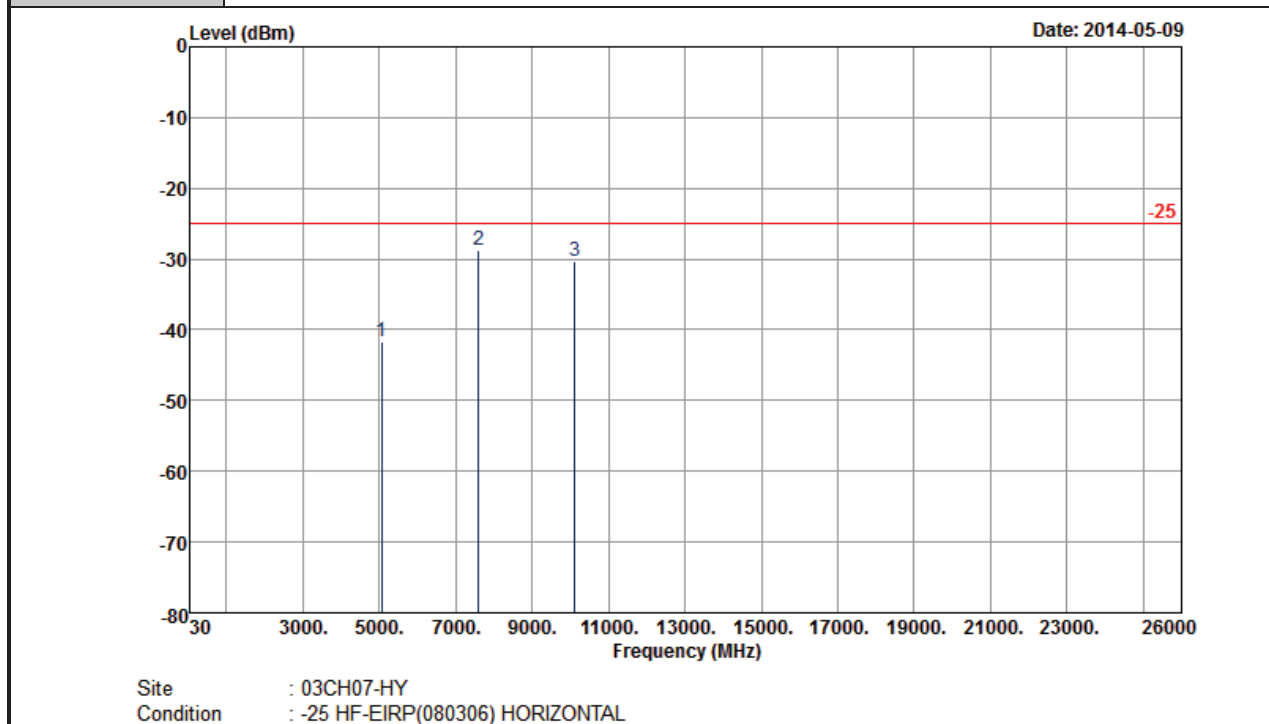
Site : 03CH07-HY
Condition : -25 HF-EIRP(080306) VERTICAL

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
4998	-43.23	-25	-18.23	-61.27	-46.77	6.81	10.35	V	Pass
7500	-33.39	-25	-8.39	-60.67	-36.37	9.26	12.24	V	Pass
10002	-34.17	-25	-9.17	-62.04	-38.46	8.54	12.83	V	Pass



<Middle Channel>

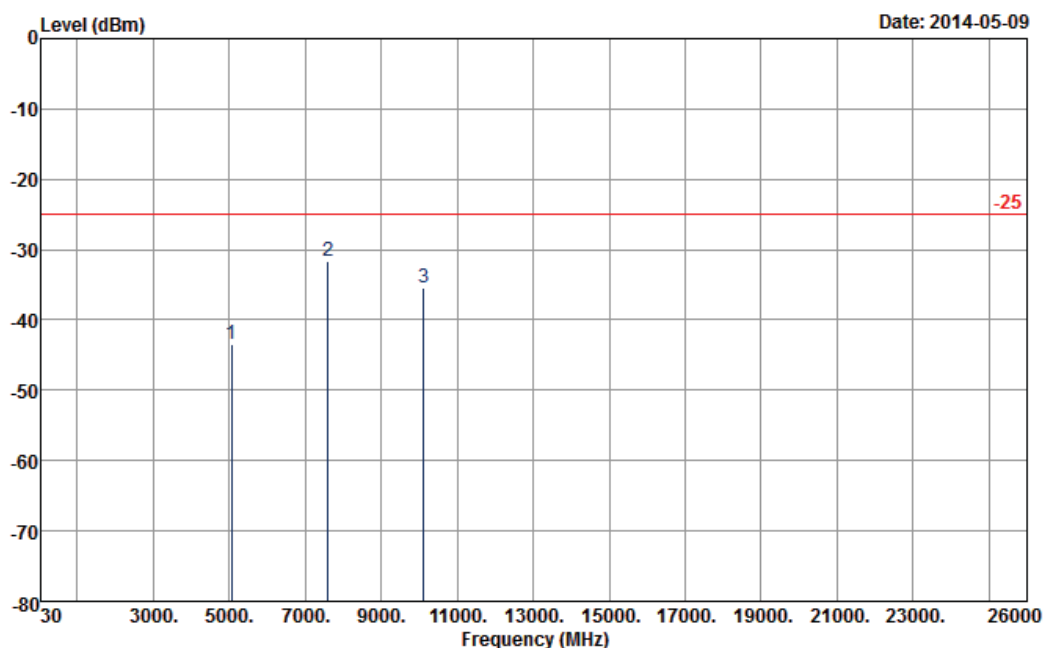
Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5058	-41.76	-25	-16.76	-60.03	-45.25	6.86	10.35	H	Pass
7590	-28.77	-25	-3.77	-55.52	-31.66	9.34	12.23	H	Pass
10122	-30.38	-25	-5.38	-59.16	-34.48	8.64	12.74	H	Pass



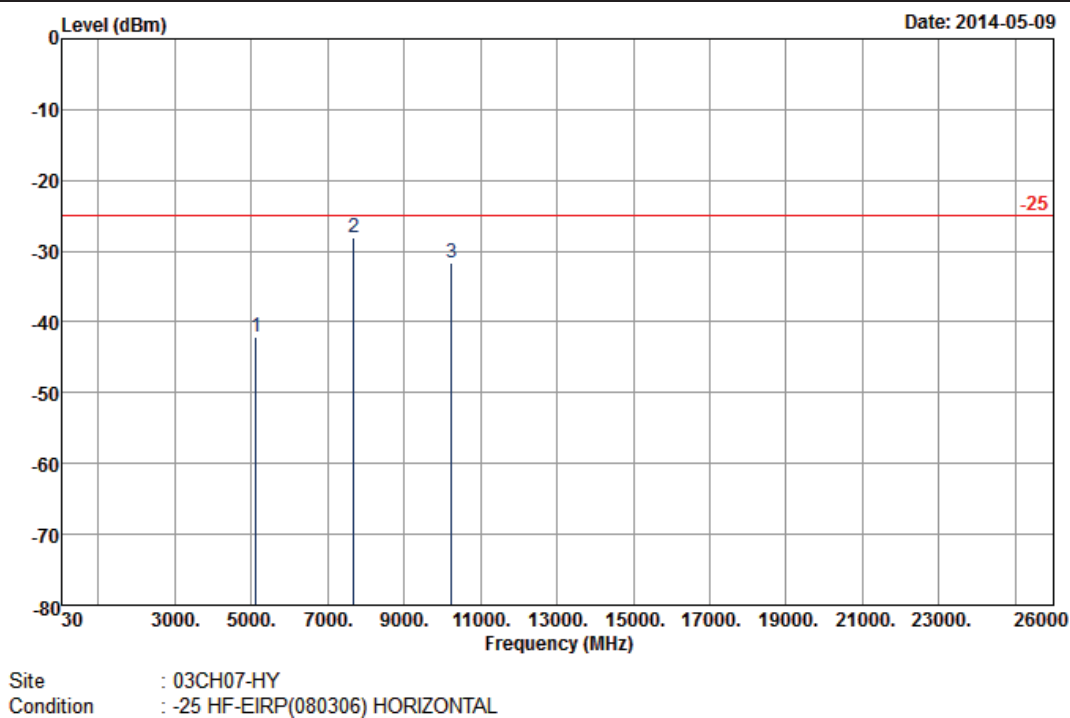
Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5058	-43.38	-25	-18.38	-61.67	-46.87	6.86	10.35	V	Pass
7590	-31.74	-25	-6.74	-58.29	-34.63	9.34	12.23	V	Pass
10122	-35.44	-25	-10.44	-63.39	-39.54	8.64	12.74	V	Pass

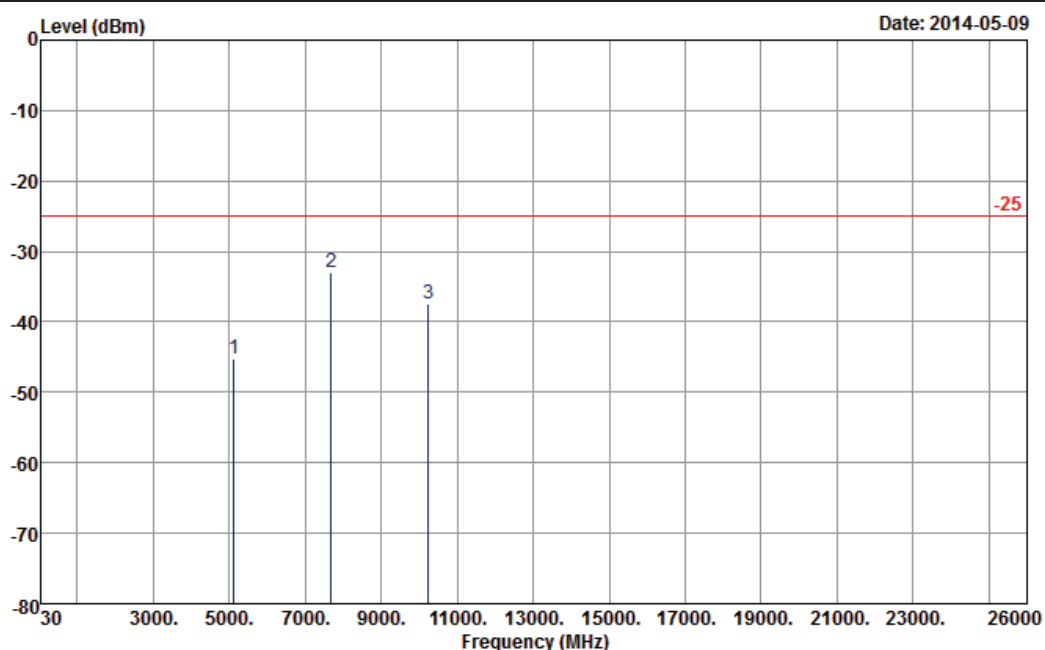
<High Channel>

Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5118	-42.04	-25	-17.04	-60.4	-45.58	6.88	10.42	H	Pass
7680	-28.04	-25	-3.04	-54.03	-30.98	9.37	12.31	H	Pass
10242	-31.56	-25	-6.56	-60.57	-35.75	8.64	12.83	H	Pass

Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 0	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		

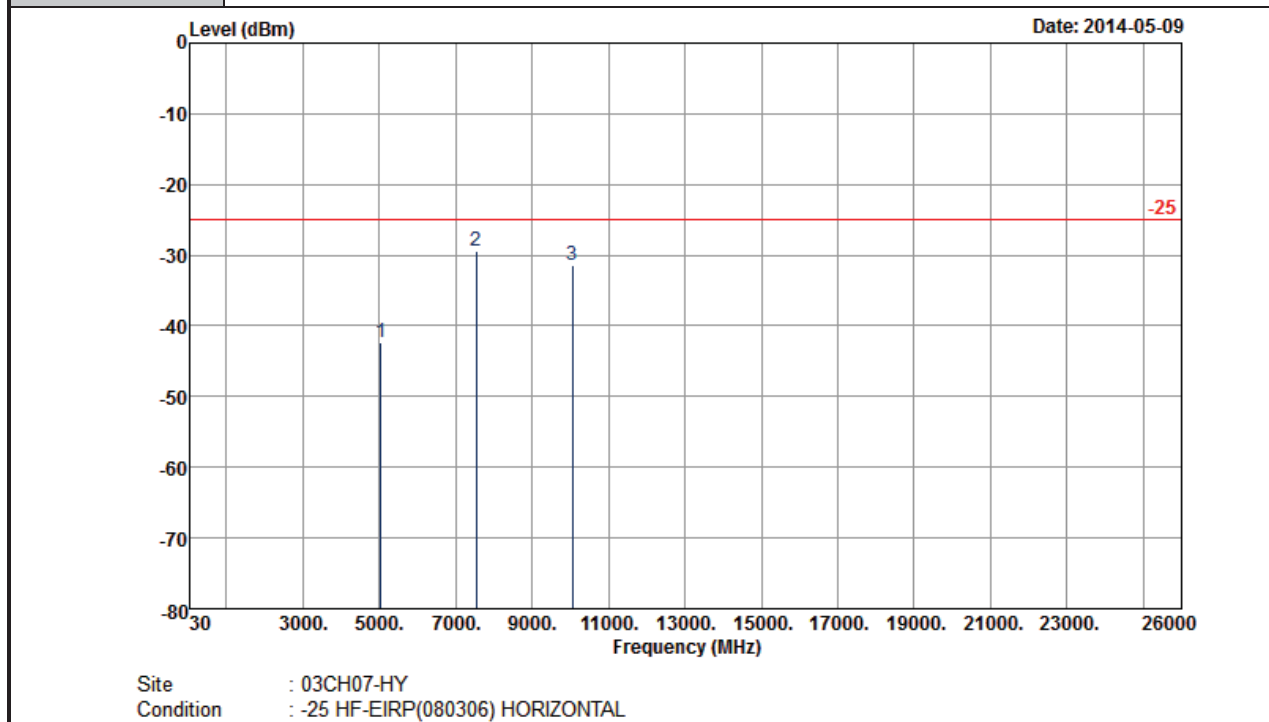


Site : 03CH07-HY
Condition : -25 HF-EIRP(080306) VERTICAL

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5118	-45.13	-25	-20.13	-63.56	-48.67	6.88	10.42	V	Pass
7680	-33.06	-25	-8.06	-58.95	-36	9.37	12.31	V	Pass
10242	-37.44	-25	-12.44	-65.57	-41.63	8.64	12.83	V	Pass

<Low Channel>

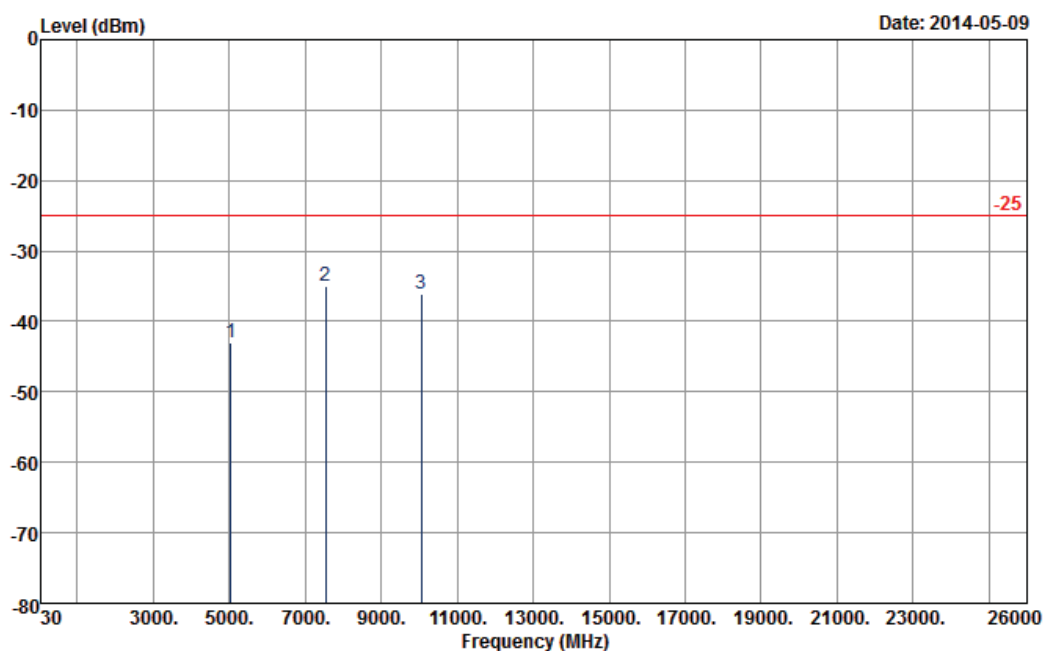
Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 74	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5028	-42.31	-25	-17.31	-60.19	-45.86	6.82	10.37	H	Pass
7542	-29.50	-25	-4.50	-56.63	-32.49	9.27	12.26	H	Pass
10056	-31.33	-25	-6.33	-60.11	-35.66	8.55	12.88	H	Pass



Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 74	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



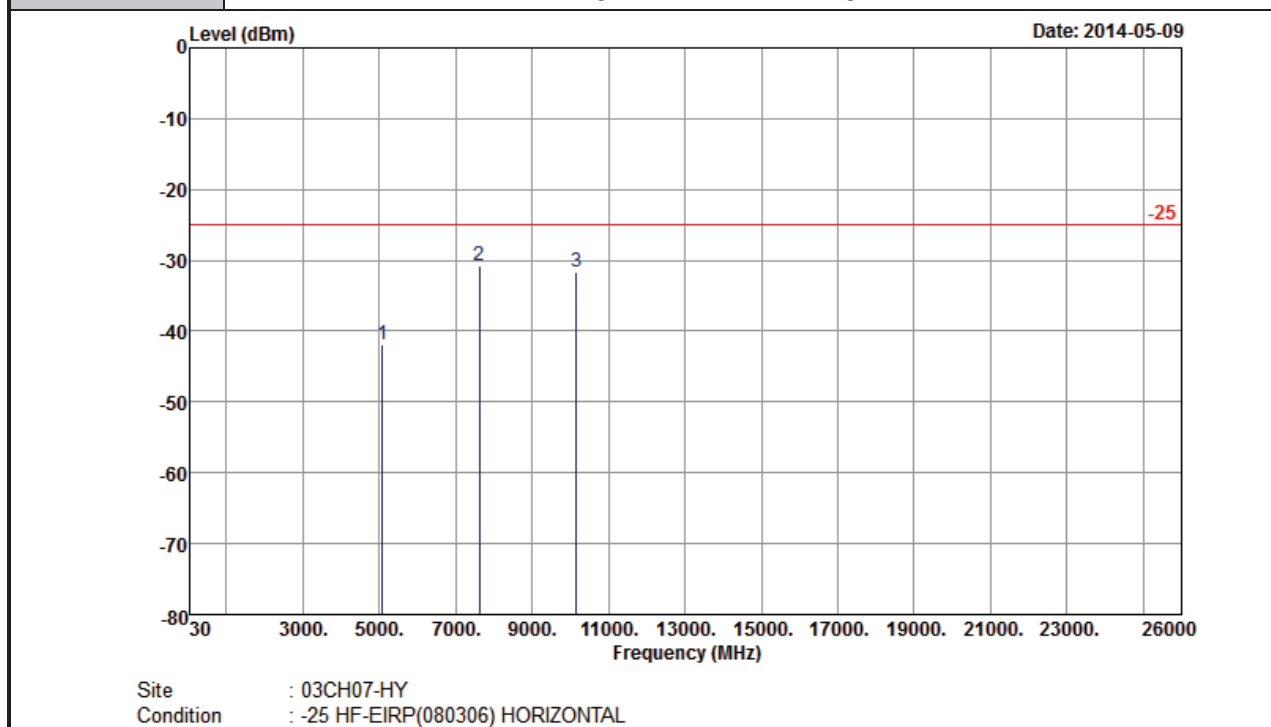
Site : 03CH07-HY
Condition : -25 HF-EIRP(080306) VERTICAL

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5028	-42.94	-25	-17.94	-61.06	-46.49	6.82	10.37	V	Pass
7542	-35.01	-25	-10.01	-61.83	-38	9.27	12.26	V	Pass
10056	-36.11	-25	-11.11	-63.95	-40.44	8.55	12.88	V	Pass



<Middle Channel>

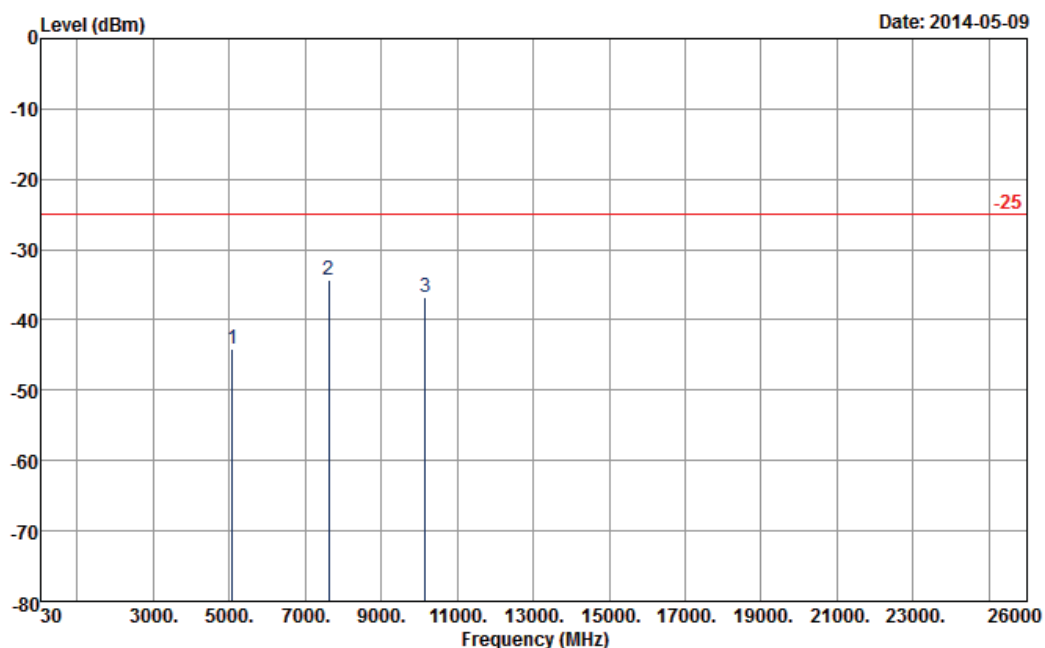
Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 74	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5082	-41.96	-25	-16.96	-60.18	-45.45	6.86	10.35	H	Pass
7626	-30.69	-25	-5.69	-57.11	-33.58	9.34	12.23	H	Pass
10164	-31.73	-25	-6.73	-60.7	-35.83	8.64	12.74	H	Pass



Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 74	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



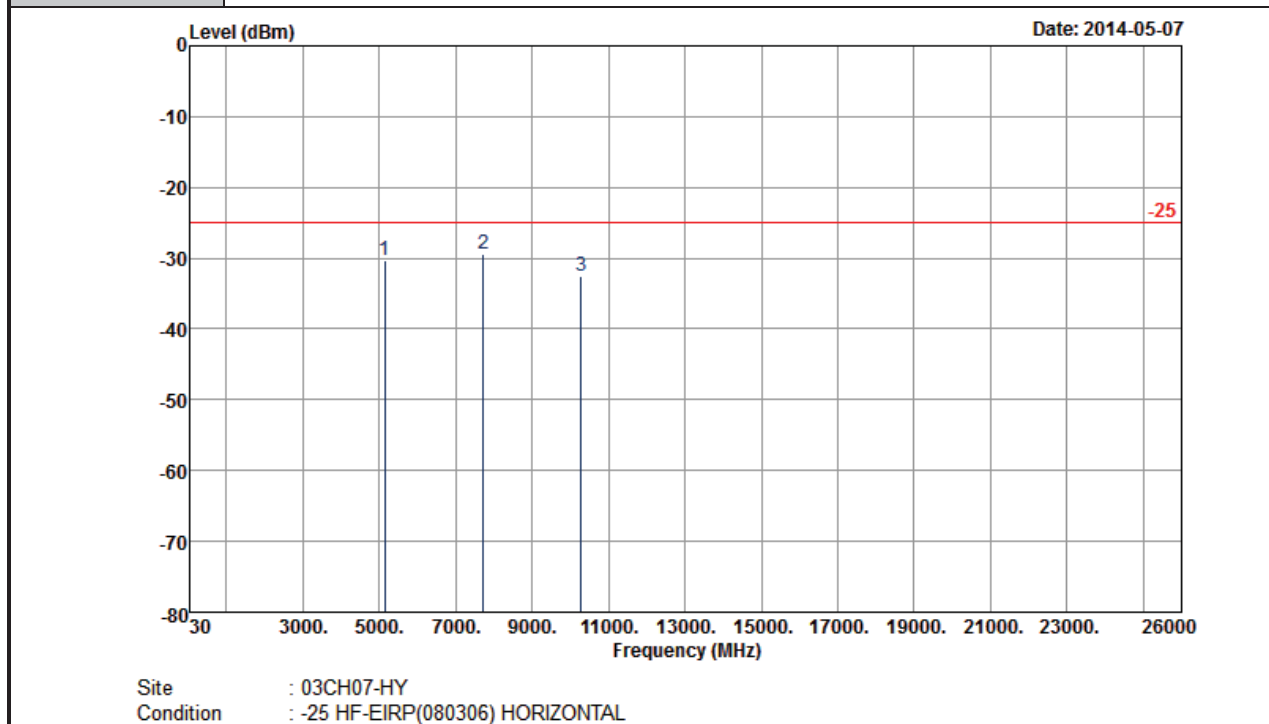
Site : 03CH07-HY
Condition : -25 HF-EIRP(080306) VERTICAL

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5082	-44.02	-25	-19.02	-62.34	-47.51	6.86	10.35	V	Pass
7626	-34.25	-25	-9.25	-60.57	-37.14	9.34	12.23	V	Pass
10164	-36.74	-25	-11.74	-64.72	-40.84	8.64	12.74	V	Pass



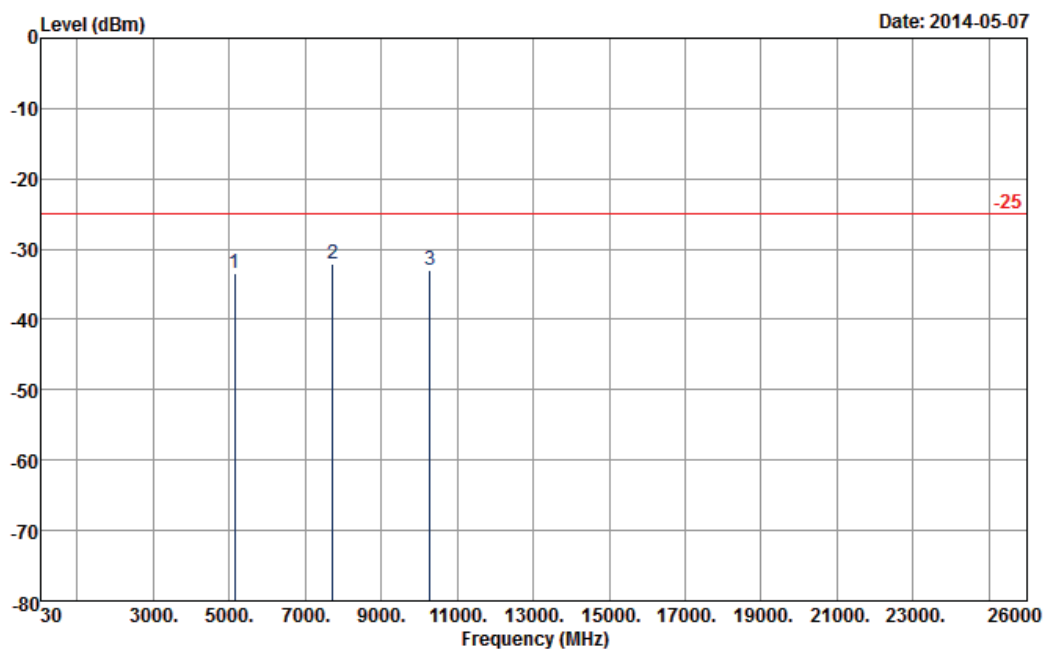
<High Channel>

Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 74	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5136	-30.23	-25	-5.23	-48.68	-33.77	6.87	10.41	H	Pass
7710	-29.50	-25	-4.50	-55.32	-32.45	9.35	12.30	H	Pass
10278	-32.50	-25	-7.50	-61.62	-36.69	8.63	12.82	H	Pass

Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	15MHz QPSK RB Size 1 Offset 74	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



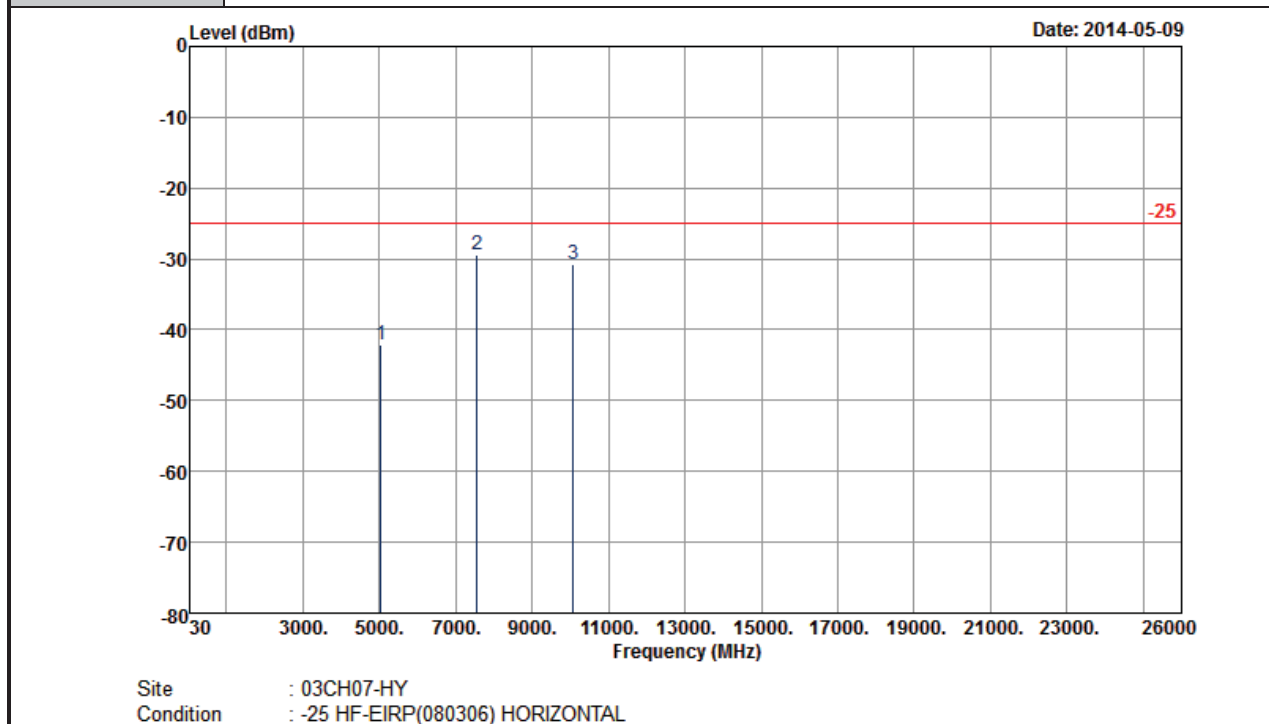
Site : 03CH07-HY
Condition : -25 HF-EIRP(080306) VERTICAL

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5136	-33.49	-25	-8.49	-52.06	-37.03	6.87	10.41	V	Pass
7710	-32.19	-25	-7.19	-57.81	-35.14	9.35	12.30	V	Pass
10278	-33.01	-25	-8.01	-60.99	-37.2	8.63	12.82	V	Pass



<Low Channel>

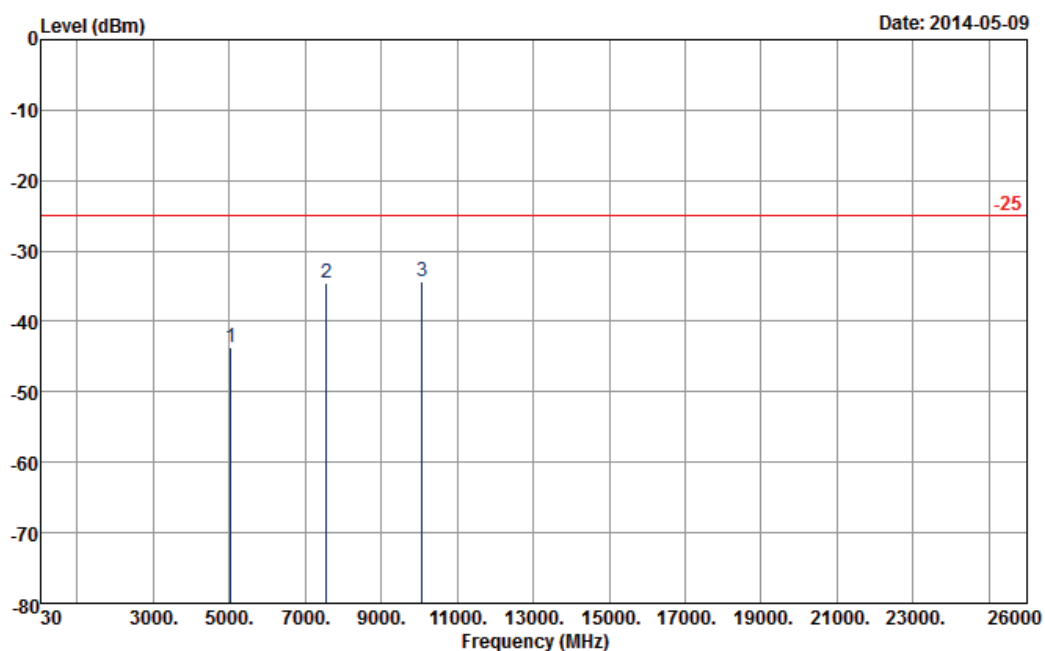
Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 99	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5040	-42.08	-25	-17.08	-60.15	-45.63	6.83	10.38	H	Pass
7554	-29.34	-25	-4.34	-56.32	-32.31	9.28	12.25	H	Pass
10074	-30.86	-25	-5.86	-59.66	-35.21	8.54	12.89	H	Pass



Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 99	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



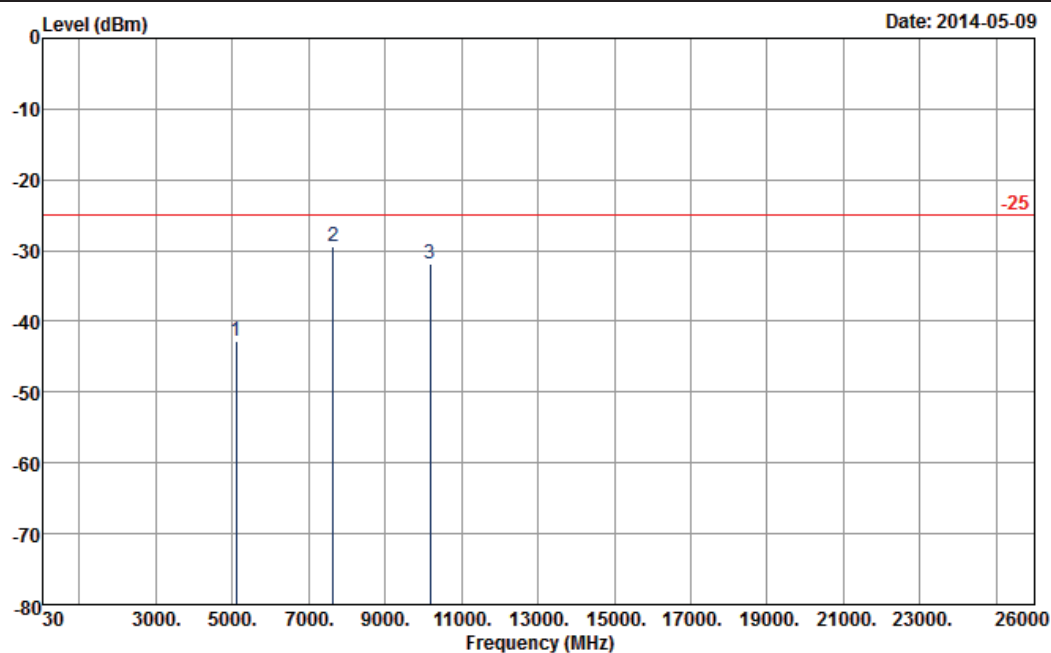
Site : 03CH07-HY
Condition : -25 HF-EIRP(080306) VERTICAL

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5040	-43.57	-25	-18.57	-61.78	-47.12	6.83	10.38	V	Pass
7554	-34.49	-25	-9.49	-61.25	-37.46	9.28	12.25	V	Pass
10074	-34.30	-25	-9.30	-62.19	-38.65	8.54	12.89	V	Pass



<Middle Channel>

Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 99	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		

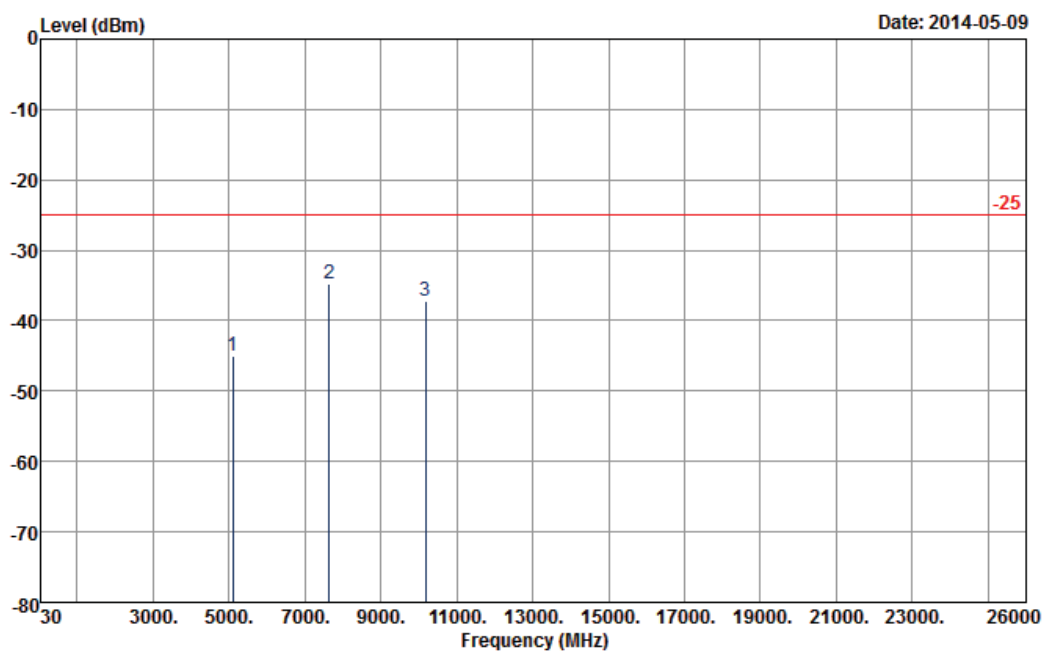


Site : 03CH07-HY
Condition : -25 HF-EIRP(080306) HORIZONTAL

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5088	-42.80	-25	-17.80	-61.05	-46.29	6.86	10.35	H	Pass
7632	-29.52	-25	-4.52	-55.99	-32.41	9.34	12.23	H	Pass
10176	-31.95	-25	-6.95	-60.93	-36.05	8.64	12.74	H	Pass



Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 99	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



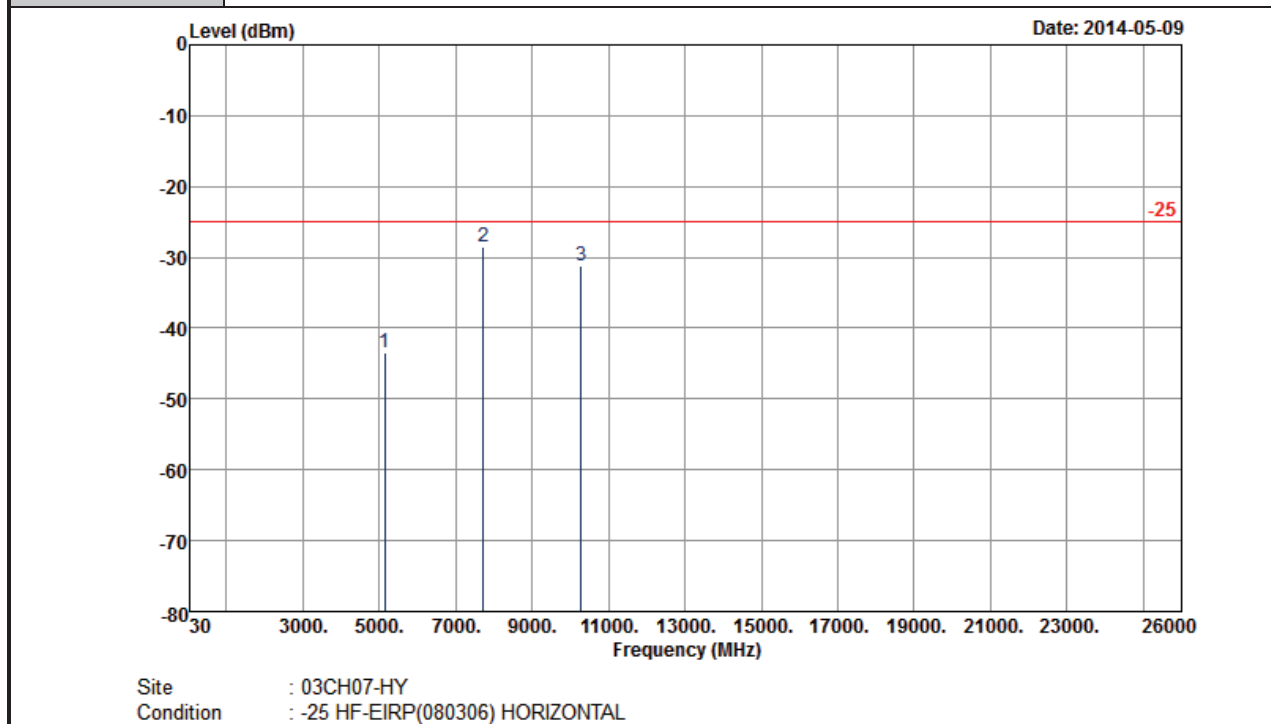
Site : 03CH07-HY
Condition : -25 HF-EIRP(080306) VERTICAL

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5088	-45.06	-25	-20.06	-63.4	-48.55	6.86	10.35	V	Pass
7632	-34.79	-25	-9.79	-61.09	-37.68	9.34	12.23	V	Pass
10176	-37.30	-25	-12.30	-65.29	-41.4	8.64	12.74	V	Pass



<High Channel>

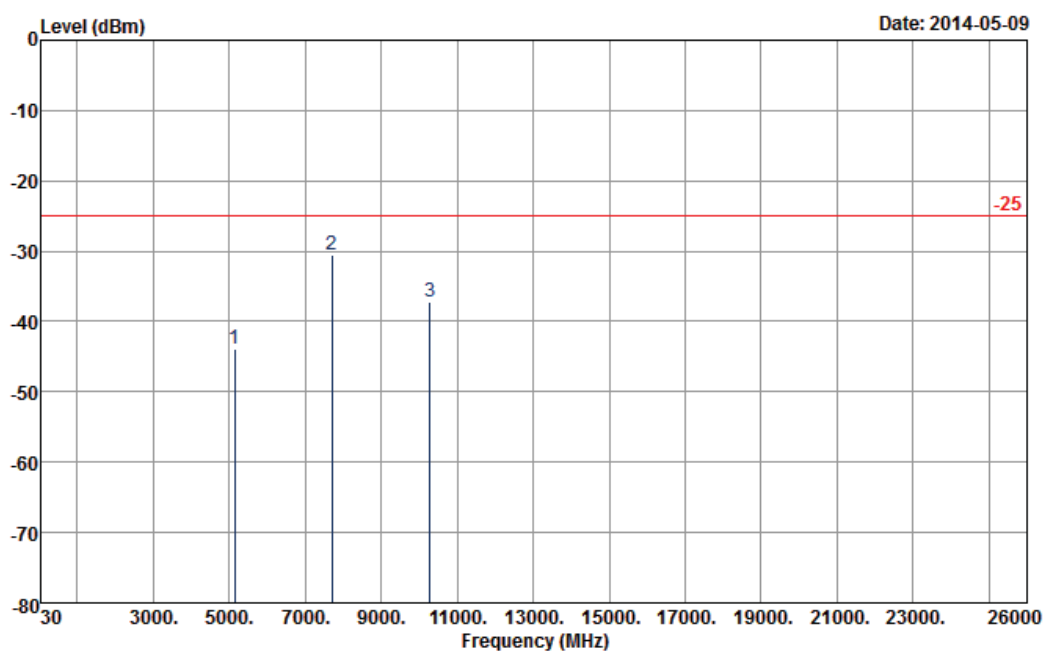
Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 99	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5136	-43.46	-25	-18.46	-61.93	-48	5.84	10.38	H	Pass
7710	-28.43	-25	-3.43	-54.18	-31.37	9.33	12.27	H	Pass
10278	-31.25	-25	-6.25	-60.36	-35.45	8.6	12.80	H	Pass



Band :	LTE Band 7	Temperature :	21~24°C
Test Mode :	20MHz QPSK RB Size 1 Offset 99	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (5 th , 6 th , 7 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		

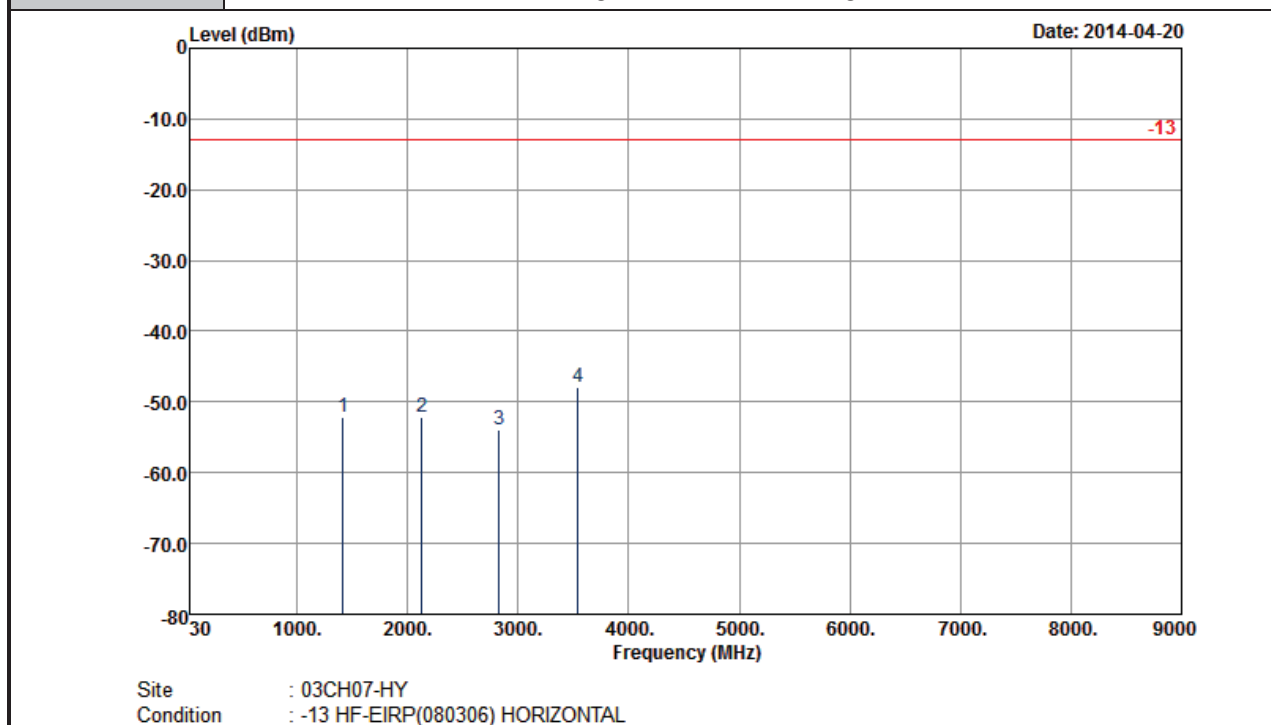


Site : 03CH07-HY
Condition : -25 HF-EIRP(080306) VERTICAL

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
5136	-43.90	-25	-18.90	-62.5	-48.44	5.84	10.38	V	Pass
7704	-30.59	-25	-5.59	-56.35	-33.53	9.33	12.27	V	Pass
10278	-37.21	-25	-12.21	-65.34	-41.41	8.6	12.80	V	Pass

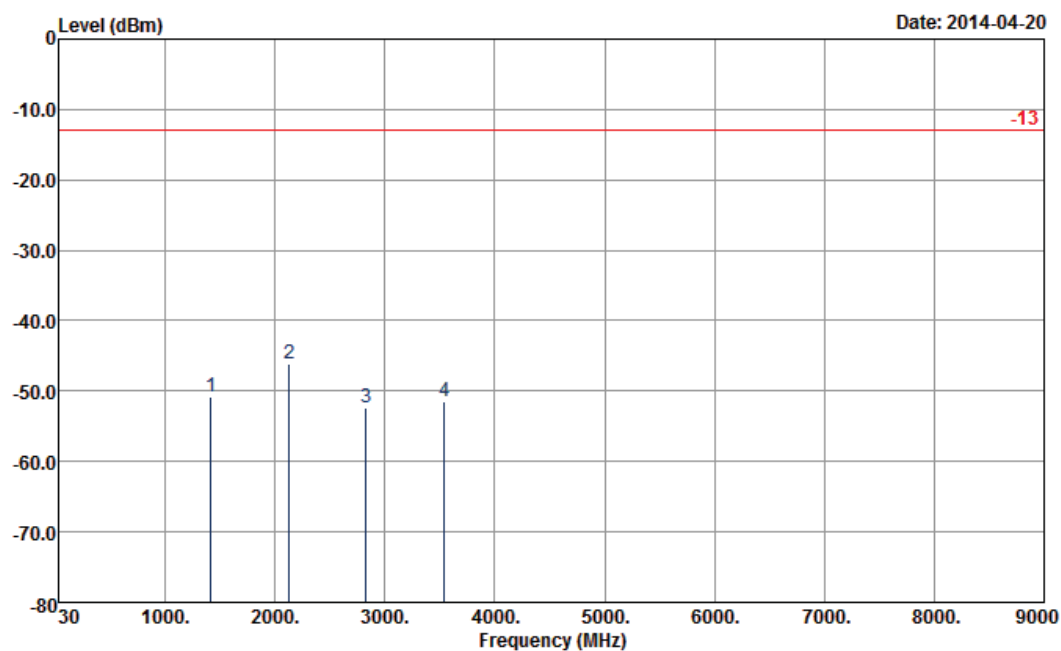
<Low Channel>

Band :	LTE Band 17	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 24	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (6 th , 7 th , 8 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1416	-52.08	-13	-39.08	-60.28	-56.17	1.51	5.60	H	Pass
2128	-52.11	-13	-39.11	-63.1	-56.29	1.82	6.00	H	Pass
2832	-53.95	-13	-40.95	-67.55	-58.73	2.2	6.98	H	Pass
3544	-47.85	-13	-34.85	-62.3	-53.67	2.42	8.24	H	Pass

Band :	LTE Band 17	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 24	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (6 th , 7 th , 8 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		

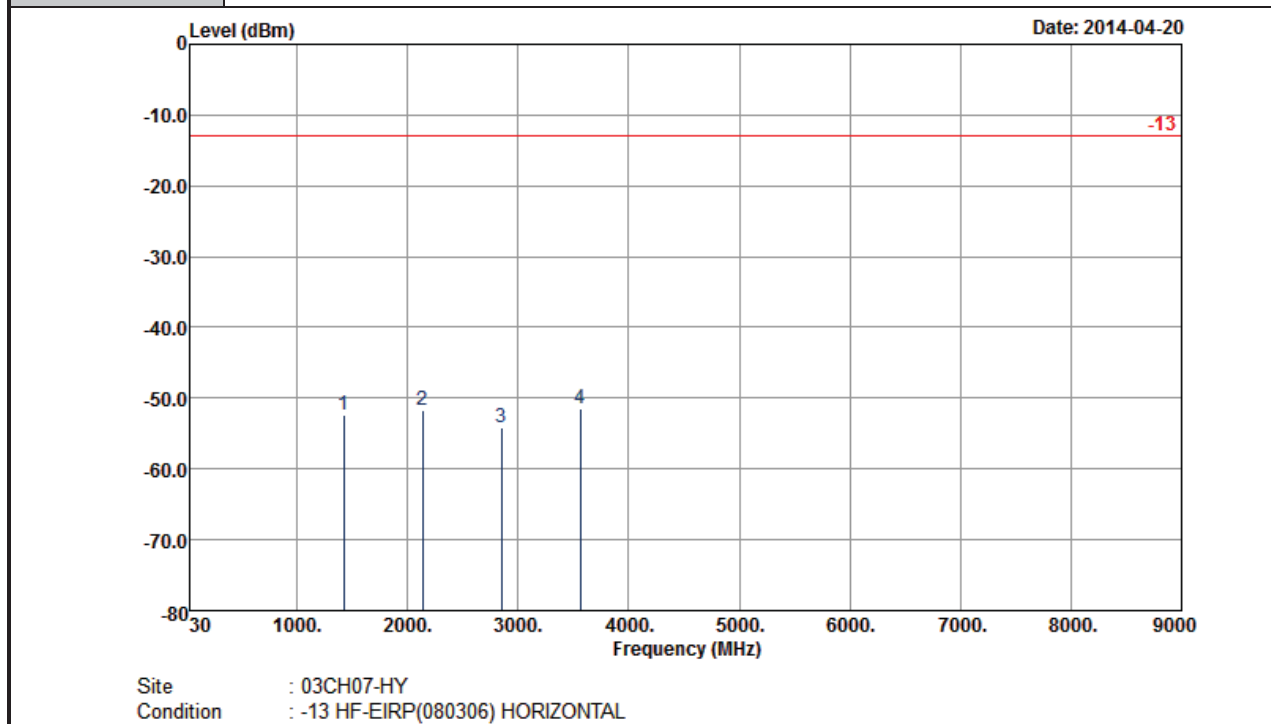


Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1416	-50.75	-13	-37.75	-61.19	-54.84	1.51	5.60	V	Pass
2128	-46.05	-13	-33.05	-58.94	-50.23	1.82	6.00	V	Pass
2832	-52.42	-13	-39.42	-67.36	-57.2	2.2	6.98	V	Pass
3544	-51.57	-13	-38.57	-67.19	-57.39	2.42	8.24	V	Pass



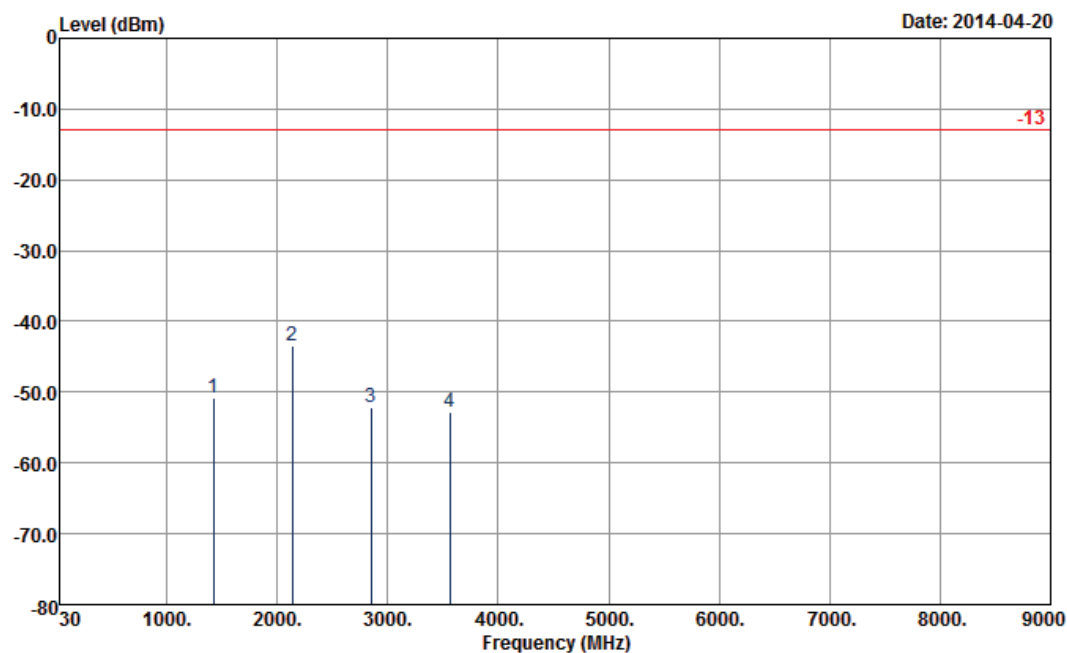
<Middle Channel>

Band :	LTE Band 17	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 24	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (6 th , 7 th , 8 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1424	-52.40	-13	-39.40	-60.56	-56.48	1.53	5.61	H	Pass
2136	-51.77	-13	-38.77	-63.13	-55.94	1.85	6.02	H	Pass
2848	-54.05	-13	-41.05	-67.26	-58.81	2.24	7.00	H	Pass
3560	-51.48	-13	-38.48	-65.8	-57.28	2.46	8.26	H	Pass

Band :	LTE Band 17	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 24	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (6 th , 7 th , 8 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		

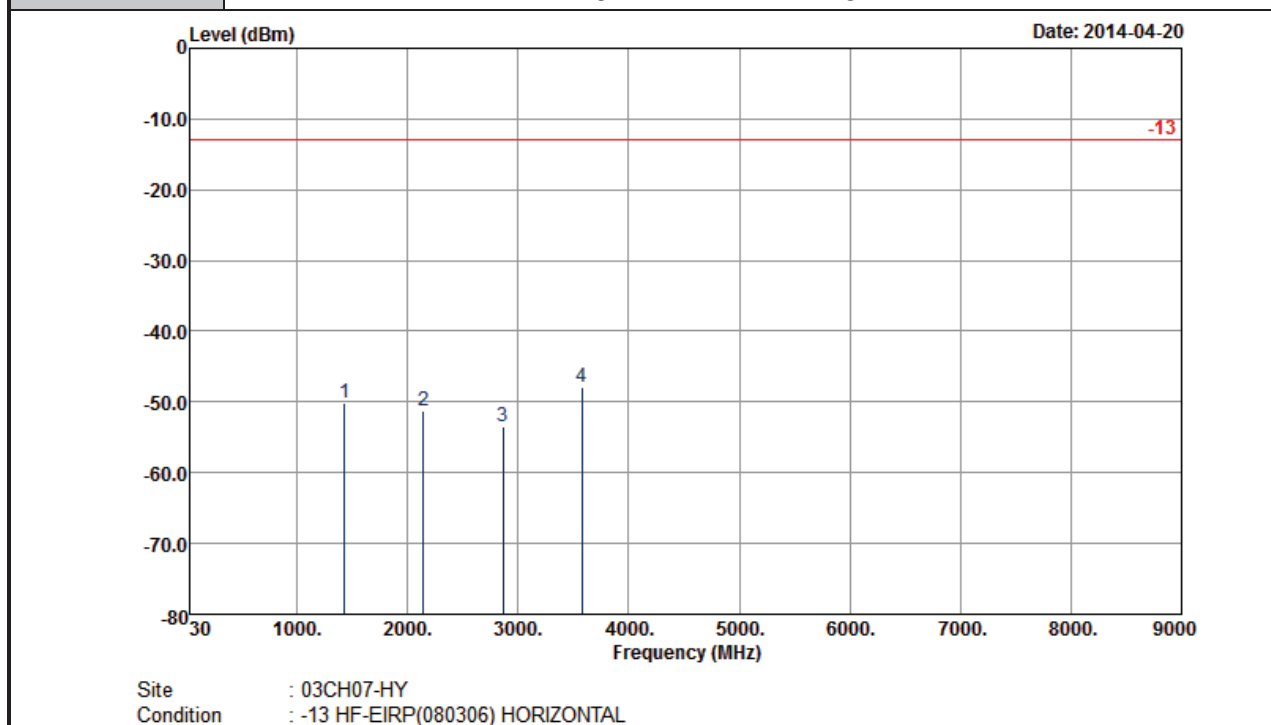


Site : 03CH07-HY
Condition : -13 HF-EIRP(080306) VERTICAL

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1424	-50.85	-13	-37.85	-60.97	-54.93	1.53	5.61	V	Pass
2136	-43.51	-13	-30.51	-56.76	-47.68	1.85	6.02	V	Pass
2848	-52.17	-13	-39.17	-67.48	-56.93	2.24	7.00	V	Pass
3560	-52.79	-13	-39.79	-68.52	-58.59	2.46	8.26	V	Pass

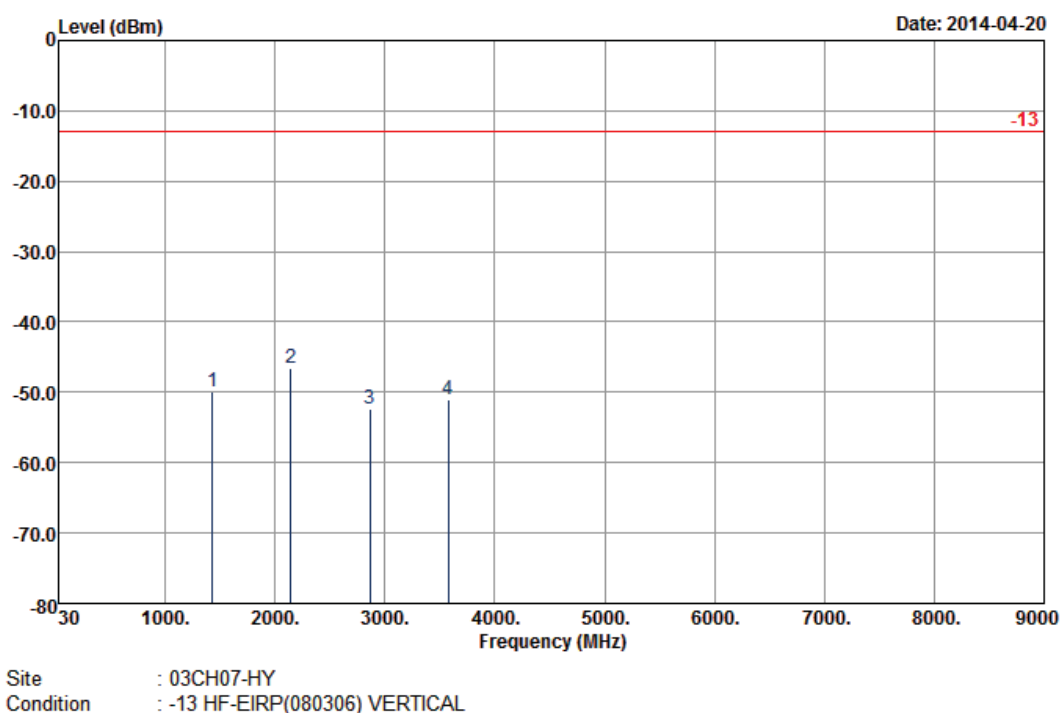
<High Channel>

Band :	LTE Band 17	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 24	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (6 th , 7 th , 8 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1432	-50.25	-13	-37.25	-58.51	-54.35	1.54	5.64	H	Pass
2144	-51.20	-13	-38.20	-62.6	-55.41	1.87	6.08	H	Pass
2864	-53.44	-13	-40.44	-66.64	-58.29	2.26	7.11	H	Pass
3576	-47.85	-13	-34.85	-62.71	-53.68	2.48	8.31	H	Pass

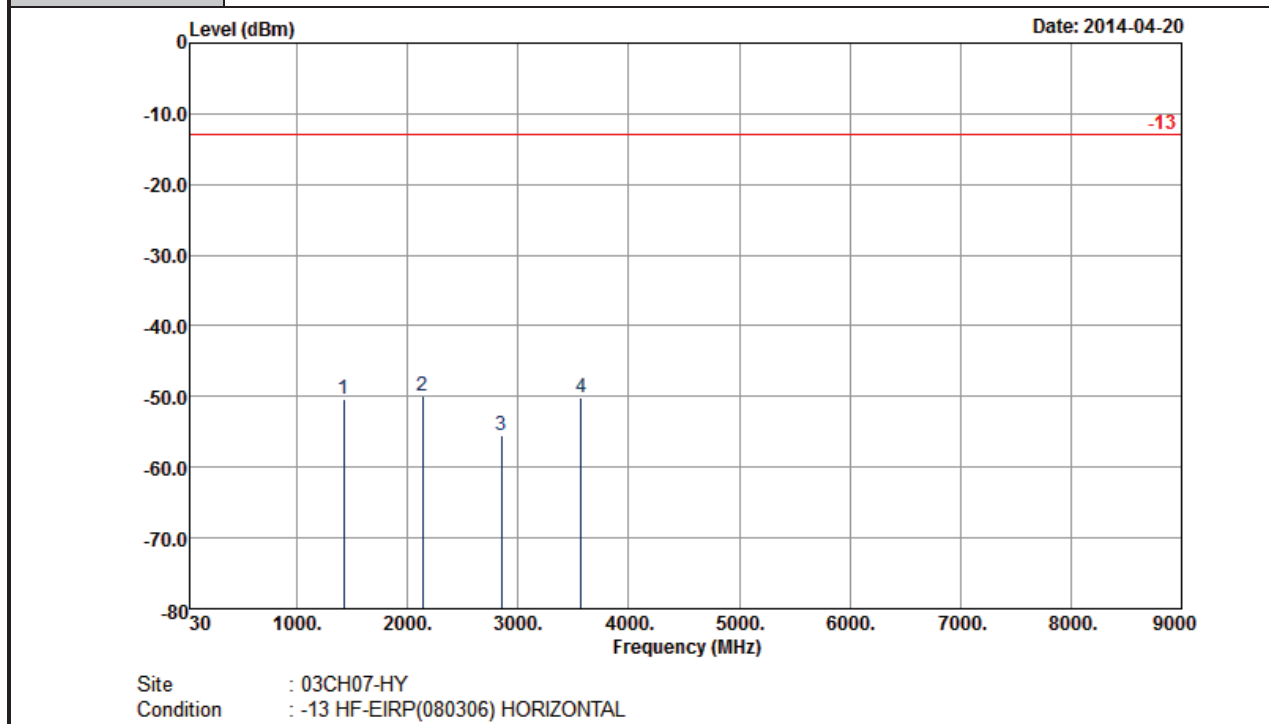
Band :	LTE Band 17	Temperature :	21~24°C
Test Mode :	5MHz QPSK RB Size 1 Offset 24	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (6 th , 7 th , 8 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1432	-49.81	-13	-36.81	-60.14	-53.91	1.54	5.64	V	Pass
2144	-46.63	-13	-33.63	-59.79	-50.84	1.87	6.08	V	Pass
2864	-52.26	-13	-39.26	-67.15	-57.11	2.26	7.11	V	Pass
3576	-51.14	-13	-38.14	-66.8	-56.97	2.48	8.31	V	Pass

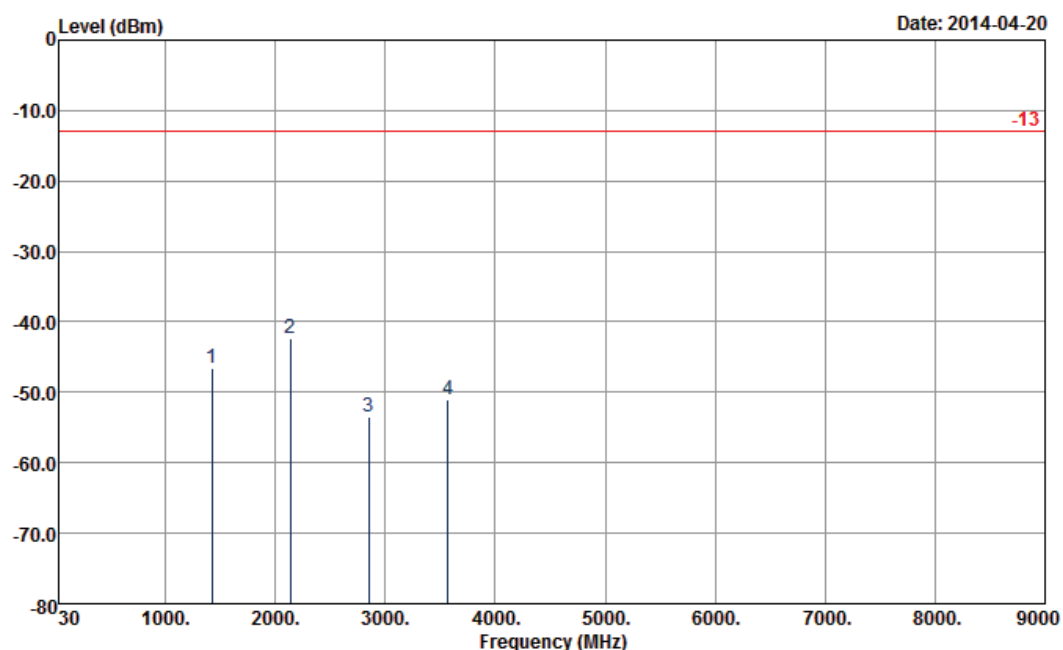
<Low Channel>

Band :	LTE Band 17	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 49	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (6 th , 7 th , 8 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1424	-50.29	-13	-37.29	-58.25	-54.38	1.52	5.61	H	Pass
2136	-49.84	-13	-36.84	-61.32	-54.03	1.83	6.02	H	Pass
2848	-55.57	-13	-42.57	-68.97	-60.34	2.24	7.01	H	Pass
3568	-50.24	-13	-37.24	-64.79	-55.95	2.5	8.21	H	Pass

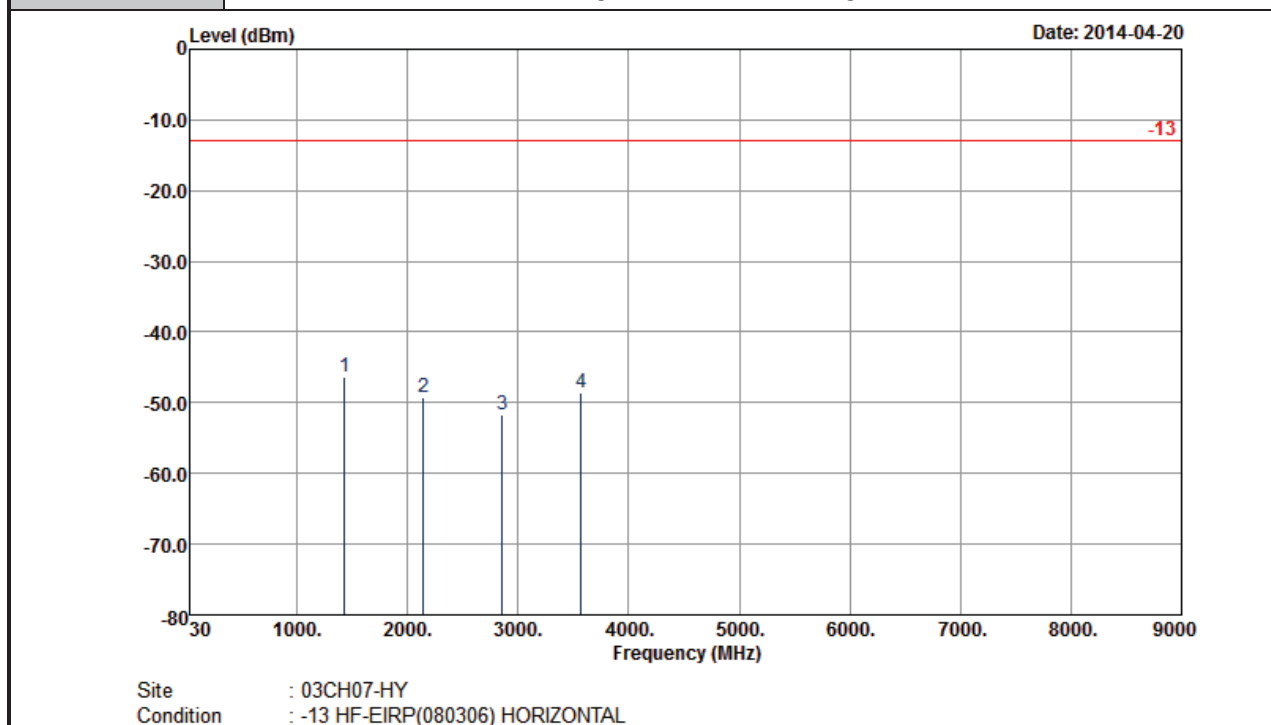
Band :	LTE Band 17	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 49	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (6 th , 7 th , 8 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1424	-46.50	-13	-33.50	-56.93	-50.6	1.51	5.61	V	Pass
2136	-42.27	-13	-29.27	-55.44	-46.47	1.82	6.02	V	Pass
2848	-53.41	-13	-40.41	-68.65	-58.22	2.2	7.01	V	Pass
3568	-50.97	-13	-37.97	-66.82	-56.76	2.42	8.21	V	Pass

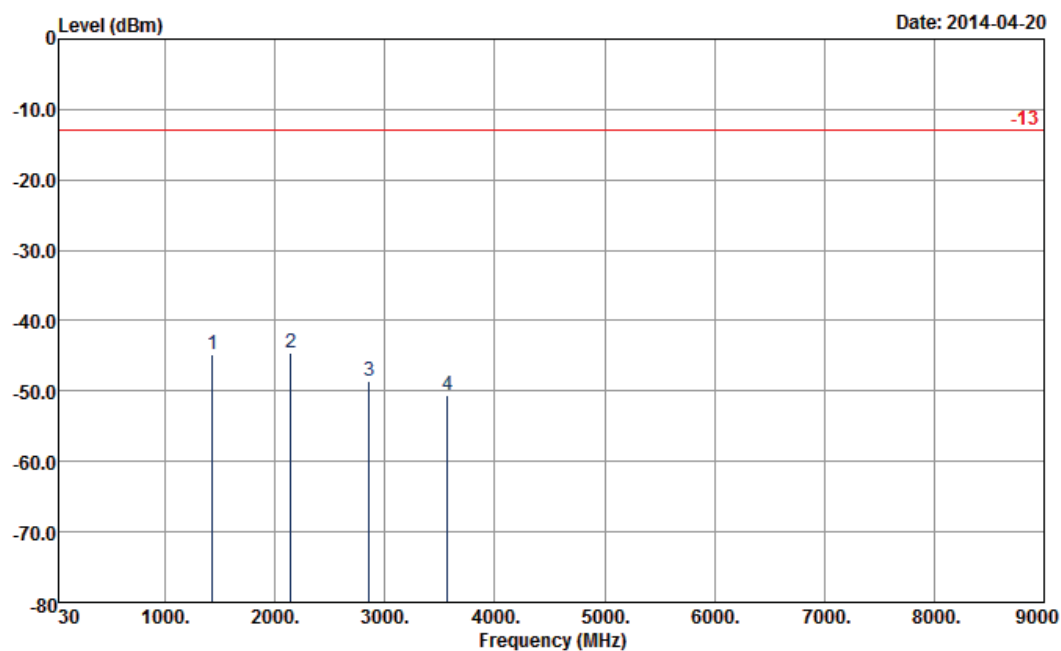
<Middle Channel>

Band :	LTE Band 17	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 49	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (6 th , 7 th , 8 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1432	-46.43	-13	-33.43	-54.44	-50.51	1.53	5.61	H	Pass
2144	-49.28	-13	-36.28	-60.72	-53.45	1.85	6.02	H	Pass
2856	-51.67	-13	-38.67	-64.98	-56.43	2.24	7.00	H	Pass
3568	-48.55	-13	-35.55	-63.35	-54.35	2.46	8.26	H	Pass

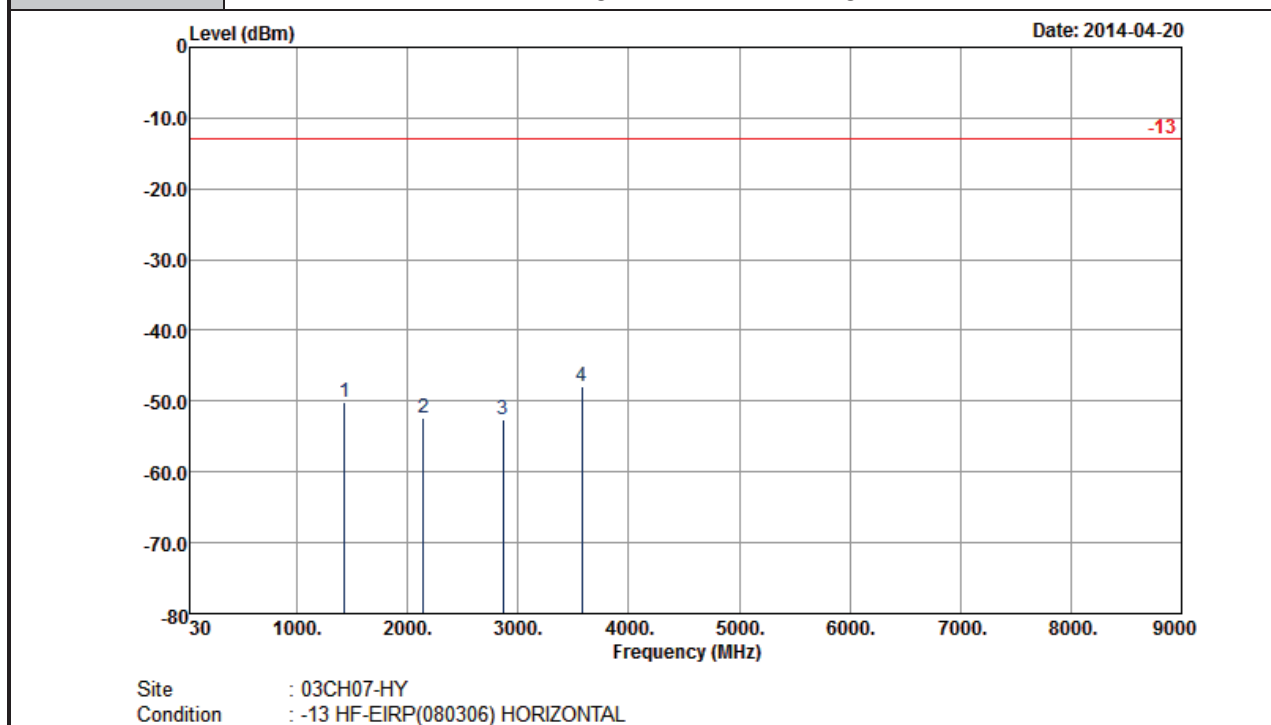
Band :	LTE Band 17	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 49	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (6 th , 7 th , 8 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1432	-44.69	-13	-31.69	-54.73	-48.77	1.53	5.61	V	Pass
2144	-44.57	-13	-31.57	-57.71	-48.74	1.85	6.02	V	Pass
2856	-48.66	-13	-35.66	-63.52	-53.42	2.24	7.00	V	Pass
3568	-50.65	-13	-37.65	-66.59	-56.45	2.46	8.26	V	Pass

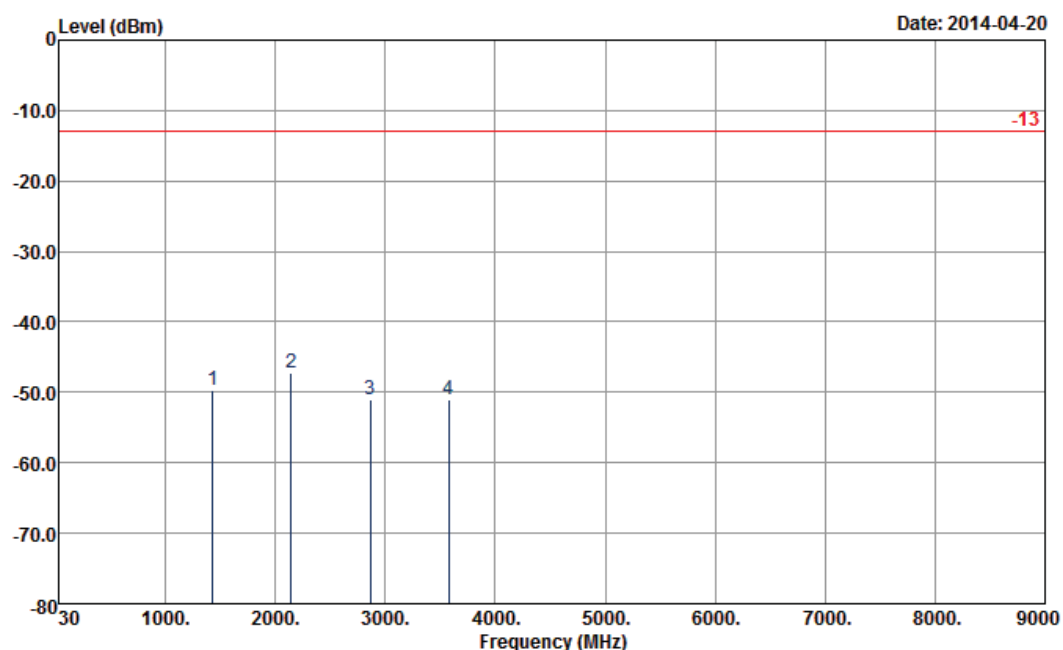
<High Channel>

Band :	LTE Band 17	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 49	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Horizontal
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (6 th , 7 th , 8 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1432	-50.03	-13	-37.03	-57.96	-54.13	1.53	5.63	H	Pass
2144	-52.44	-13	-39.44	-63.95	-56.64	1.88	6.08	H	Pass
2864	-52.69	-13	-39.69	-66.12	-57.53	2.27	7.11	H	Pass
3576	-48.01	-13	-35.01	-62.59	-53.87	2.45	8.31	H	Pass

Band :	LTE Band 17	Temperature :	21~24°C
Test Mode :	10MHz QPSK RB Size 1 Offset 49	Relative Humidity :	44~48%
Test Engineer :	Eric Shih	Polarization :	Vertical
Remark :	1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line. 2. The harmonic (6 th , 7 th , 8 th ,...etc.) and other spurious are not reported, because those levels are lower than average limit line and background noise.		



Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1432	-49.69	-13	-36.69	-59.8	-53.79	1.53	5.63	V	Pass
2144	-47.14	-13	-34.14	-60.32	-51.34	1.88	6.08	V	Pass
2864	-50.94	-13	-37.94	-66.29	-55.78	2.27	7.11	V	Pass
3576	-50.97	-13	-37.97	-66.48	-56.83	2.45	8.31	V	Pass

3.8 Frequency Stability Measurement

3.8.1 Description of Frequency Stability Measurement

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.

3.8.2 Measuring Instruments

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

3.8.3 Test Procedures for Temperature Variation

1. The EUT was set up in the thermal chamber and connected with the base station.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in 10°C step up to 50°C . The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

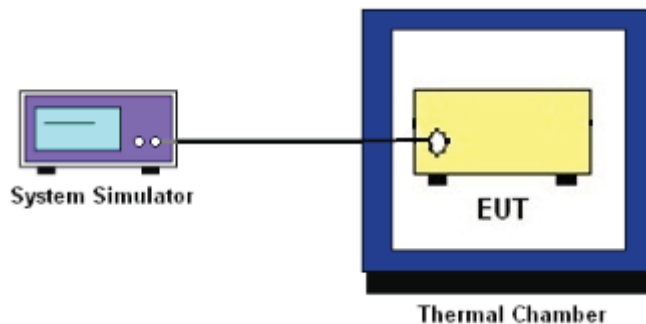
3.8.4 Test Procedures for Voltage Variation

1. The EUT was placed in a temperature chamber at $25\pm 5^{\circ}\text{C}$ and connected with the base station.
2. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

3.8.5 Test Procedures for Frequency Stability (IC)

1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.
2. The EUT was operated at the lowest and highest channel
3. Using RBW= 1% OBW and displaying line = -13dBm.
4. The frequency at these points shall be recorded as f_L and f_H respectively.
5. Calculate frequency stability within the 704 – 716 band.

3.8.6 Test Setup



3.8.7 Test Result of Temperature Variation (FCC)

Band :	LTE Band 2 (QPSK)	Limit (ppm) :	2.5
Temperature (°C)	BW 10MHz	Result	
	Deviation (ppm)		
50	0.0001	PASS	
40	0.0003		
30	0.0003		
20	0.0018		
10	0.0011		
0	0.0001		
-10	0.0009		
-20	0.0003		
-30	0.0010		

Band :	LTE Band 4 (QPSK)	Limit (ppm) :	2.5
Temperature (°C)	BW 10MHz	Result	
	Deviation (ppm)		
50	0.0032	PASS	
40	0.0051		
30	0.0012		
20	0.0014		
10	0.0029		
0	0.0007		
-10	0.0021		
-20	0.0018		
-30	0.0016		

Band :	LTE Band 7 (QPSK)	Limit (ppm) :	2.5
Temperature (°C)	BW 10MHz	Result	
	Deviation (ppm)		
50	0.0018	PASS	
40	0.0029		
30	0.0002		
20	0.0035		
10	0.0002		
0	0.0061		
-10	0.0039		
-20	0.0005		
-30	0.0006		

Band :	LTE Band 17 (QPSK)	Limit (ppm) :	2.5
Temperature (°C)	BW 10MHz	Result	
	Deviation (ppm)		
50	0.0004	PASS	
40	0.0028		
30	0.0044		
20	0.0025		
10	0.0015		
0	0.0002		
-10	0.0015		
-20	0.0010		
-30	0.0031		

3.8.8 Test Result of Temperature Variation (IC)

Band :	LTE Band 17	
Temperature (°C)	Frequency Offset (Δf) (Hz)	Note
50	0.3	MAX(Δf) = 27.00Hz
40	2	
30	-3.1	
20	-1.8	
10	1.1	
0	-0.16	
-10	-1.1	
-20	0.7	
-30	-2.2	

3.8.9 Test Result of Voltage Variation (FCC)

Band	Bandwidth	Voltage (Volt)	Deviation (ppm)	Limit (ppm)	Result
LTE Band 2	10M	4.20	0.0009	2.5	PASS
		Normal	0.0020		
		3.40	0.0013		
LTE Band 4	10M	4.20	0.0021	2.5	PASS
		Normal	0.0028		
		3.40	0.0009		
LTE Band 7	10M	4.20	0.0009	2.5	PASS
		Normal	0.0031		
		3.40	0.0046		
LTE Band 17	10M	4.20	0.0027	2.5	PASS
		Normal	0.0014		
		3.40	0.0018		

Remark:

1. Normal Voltage = 3.80V.
2. The manufacturer declared that the EUT could work properly between voltage 3.40V ~ 4.20V.

3.8.10 Test Result of Voltage Variation (IC)

Band :	LTE Band 17	
Voltage (Vac)	Frequency Offset (Δf) (Hz)	Note
4.20	-1.9	-
Normal	1	
3.40	1.3	

Remark:

1. Normal Voltage = 3.80V.
2. The manufacturer declared that the EUT could work properly between voltage 3.40V ~ 4.20V.

3.8.11 Test Result of Frequency Stability (IC)

Band :	LTE Band 17		
Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	704.14	$\geq 704 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	715.86	$\leq 716 \text{ MHz}$	

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
LTE Base Station	Anritsu	MT8820C	6201026480	MIMO FDD	Jan. 07, 2014	Apr. 11, 2014 ~ Apr. 24, 2014	Jan. 06, 2015	Conducted (TH02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz~40GHz	Jun. 07, 2013	Apr. 11, 2014 ~ Apr. 24, 2014	Jun. 06, 2014	Conducted (TH02-HY)
Thermal Chamber	Ten Billion	TTH-D3SP	TBN-930701	N/A	Jul. 19, 2013	Apr. 11, 2014 ~ Apr. 24, 2014	Jul. 18, 2014	Conducted (TH02-HY)
RF cable	WOKEN	SMA(M)-SMA (M) for SS405 Cable Assembly	S05-130703-32	N/A	Jul. 09, 2013	Apr. 11, 2014 ~ Apr. 24, 2014	Jul. 08, 2014	Conducted (TH02-HY)
Hygrometer	Testo	608-H1	34897199	N/A	May 07, 2013	Apr. 11, 2014 ~ Apr. 24, 2014	May 06, 2014	Conducted (TH02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP30	101067	9KHz ~ 30GHz	Nov. 20, 2013	Apr. 18, 2014 ~ May 09, 2014	Nov. 19, 2014	Radiation (03CH07-HY)
Bilog Antenna	Schaffner	CBL6111C	2726	30MHz ~ 1GHz	Oct. 10, 2013	Apr. 18, 2014 ~ May 09, 2014	Oct. 09, 2014	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	75962	1GHz~18GHz	Aug. 22, 2013	Apr. 18, 2014 ~ May 09, 2014	Aug. 21, 2014	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10 MHz ~ 1000MHz	Mar. 17, 2014	Apr. 18, 2014 ~ May 09, 2014	Mar. 16, 2015	Radiation (03CH07-HY)
Preamplifier	SONOMA	310N	187231	9kHz~1GHz	May 15, 2013	Apr. 18, 2014 ~ May 09, 2014	May 14, 2014	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A01917	1GHz~26.5GHz	Aug. 12, 2013	Apr. 18, 2014 ~ May 09, 2014	Aug. 11, 2014	Radiation (03CH07-HY)
Turn Table	ChainTek	ChainTek 3000	N/A	0 ~ 360 degree	N/A	Apr. 18, 2014 ~ May 09, 2014	N/A	Radiation (03CH07-HY)
Antenna Mast	ChainTek	ChainTek 3000	N/A	N/A	N/A	Apr. 18, 2014 ~ May 09, 2014	N/A	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBEC K	BBHA 9170	BBHA9170251	15GHz- 40GHz	Oct. 03, 2013	Apr. 18, 2014 ~ May 09, 2014	Oct. 02, 2014	Radiation (03CH07-HY)
High Pass Filter	Microwave Circuits	H1G013G1	SN477215	1GHz HPF	Nov. 28, 2013	Apr. 18, 2014 ~ May 09, 2014	Nov. 27, 2014	Radiation (03CH07-HY)
High Pass Filter	Microwave Circuits	H3G018G1	SN477220	3GHz HPF	Nov. 28, 2013	Apr. 18, 2014 ~ May 09, 2014	Nov. 27, 2014	Radiation (03CH07-HY)
Notch Filter	Wainwright	WRCT 698/798-10/4 0 8ssk	SN1	LTE Band 12,13,14,17	Nov. 28, 2013	Apr. 18, 2014 ~ May 09, 2014	Nov. 27, 2014	Radiation (03CH07-HY)
Notch Filter	Wainwright	WRCD 1710/1980-10 /10-10ssk	SN1	GSM 1800,1900 / WCDMA Band 1,2,AWS /LTE Band 3,4,9,10,34,39	Nov. 28, 2013	Apr. 18, 2014 ~ May 09, 2014	Nov. 27, 2014	Radiation (03CH07-HY)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Notch Filter	Wainwright	WRCG 1710/1755-1	SN2	LTE Band 4	Nov. 28, 2013	Apr. 18, 2014 ~ May 09, 2014	Nov. 27, 2014	Radiation (03CH07-HY)
Notch Filter	Wainwright	WRCT 2500/2700-1	SN3	LTE Band 7,38,41	Nov. 28, 2013	Apr. 18, 2014 ~ May 09, 2014	Nov. 27, 2014	Radiation (03CH07-HY)
HF RF Cable	HUBER SUHNER	SUCOFLEX 104	38411/6	1GHz ~ 18GHz	Nov. 28, 2013	Apr. 18, 2014 ~ May 09, 2014	Nov. 27, 2014	Radiation (03CH07-HY)
LF RF Cable	Warison+HUBER SUHNER	WCBA-WC0 4NM.NM2	N/A	30MHz ~ 1GHz	Nov. 28, 2013	Apr. 18, 2014 ~ May 09, 2014	Nov. 27, 2014	Radiation (03CH07-HY)
Test Software	Audix	E3	Version 6.2009-08-2	N/A	N/A	Apr. 18, 2014 ~ May 09, 2014	N/A	Radiation (03CH07-HY)
Hygrometer	Testo	608-H1	34897197	N/A	May 07, 2013	Apr. 18, 2014 ~ May 05, 2014	May 06, 2014	Radiation (03CH07-HY)
Hygrometer	Testo	608-H1	34897197	N/A	May 06, 2014	May 06, 2014 ~ May 09, 2014	May 05, 2015	Radiation (03CH07-HY)

Note: Test equipment calibration is traceable to the procedure of ISO17025.



5 Uncertainty of Evaluation

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.50
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