Occupied Bandwidth

Mode		LTE Band 2 : 99%OBW(MHz)												
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Lowest CH	1.09	1.09	2.72	2.72	4.51	4.50	9.01	9.03	13.52	13.52	18.42	18.54		
Middle CH	1.09	1.09	2.73	2.72	4.52	4.52	9.03	9.07	13.49	13.46	18.38	18.54		
Highest CH	1.10	1.09	2.73	2.72	4.50	4.50	9.07	9.07	13.40	13.46	18.42	18.30		

Mode		LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz		
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	
Lowest CH	1.09	1.09	2.72	2.72	4.51	4.51	8.99	8.97	13.49	13.49	18.50	18.42	
Middle CH	1.09	1.09	2.73	2.72	4.51	4.51	8.99	9.05	13.46	13.46	18.30	18.50	
Highest CH	1.09	1.09	2.69	2.71	4.49	4.51	9.01	8.99	13.49	13.43	18.62	18.42	

Mode		LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz		
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	
Lowest CH	-	-	-	_	4.50	4.51	9.05	9.07	13.49	13.49	18.26	18.46	
Middle CH	-	-	-	-	4.50	4.51	8.99	8.99	13.49	13.49	18.38	18.62	
Highest CH	-	-	ı	-	4.49	4.49	9.03	9.07	13.46	13.49	18.34	18.10	

Mode		LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz		
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	
Lowest CH	1.09	1.09	2.71	2.72	4.53	4.49	9.05	9.05	-	-	-	-	
Middle CH	1.09	1.09	2.73	2.72	4.50	4.49	9.05	9.07	-	-	-	-	
Highest CH	1.09	1.09	2.73	2.71	4.51	4.48	9.03	8.99	-	-	-	-	

Mode		LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz		
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	
Lowest CH	_	-	-	_	4.51	4.50	8.97	9.03	-	-	-	-	
Middle CH	_	-	-	_	4.50	4.51	9.03	9.01	-	-	-	-	
Highest CH	-	-	-	-	4.52	4.51	8.99	8.99	-	-	-	-	

SPORTON INTERNATIONAL (SHENZHEN) INC.

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LTE Band 2 Lowest Channel / 1.4MHz / QPSK Lowest Channel / 1.4MHz / 16QAM 7 Ref Level 30.00 dBm
Att 30 dB
SGL Count 100/100 15.16 dBn 1.05061610 GH 1.090909091 MH mon -10 dВп 40 dBm Y-value 15.16 dBm 7.40 dBm 7.79 dBm Type Ref Trc Function **Function Result** Type | Ref | Trc | Middle Channel / 1.4MHz / QPSK Middle Channel / 1.4MHz / 16QAM 7 7 15,00 dB **RBW** 30 kHz 63.2 µs **WBW** 100 kHz **Mode** Auto FFT 15.53 dBn 1.87988988 GHz 1.890989891 MHz 16,73 dBi 1,88008110 GF 1,090989891 MF Y-value 15.53 dBr Y-value Function
2 16.73 dBm
2 9.53 dBm Occ Bw
2 9.73 dBm Type | Ref | Trc | X-value 1.8798098 GHz 1.87945734 GHz 1.88054825 GHz Type | Ref | Trc | Function **Function Result Function Result** X-value 1.090909091 MHz Occ BW 1.090909091 MHz Highest Channel / 1.4MHz / QPSK Highest Channel / 1.4MHz / 16QAM V V 15.00 dB **** RBW** 30 kHz 63.2 µs **** VBW** 100 kHz **Mode** Auto FFT 15.03 dBm 1.90919370 ci-16.12 dBr 1.90937550 GH 1.099300699 MH MILIT MILLI 10 dBm Type | Ref | Trc | Occ BW 1.099300699 MHz Occ BW 1-090909091 MHz

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LTE Band 2 Lowest Channel / 3MHz / QPSK Lowest Channel / 3MHz / 16QAM 7 Ref Level 30.00 dbm Offset 15.00 db = RBW 100 kHz
Att 30 db SWT 19 µs = VBW 300 kHz Mode Auto FFT
SGL Count 100/100 17.31 dBr 1.85202750 GH 2.721278721 MH 16,77 dBn 1,85111040 GH 2,721278721 MH -10 dВп
 X-value
 Y-value
 Function

 1.8520275 GHz
 17.31 dBm
 1.85014535 GHz
 10.35 dBm
 Occ BW

 1.85286663 GHz
 11.02 dBm
 Occ BW
 0.00 dBm
 0.00 dBm
 0.00 dBm

 X-value
 Y-value
 Function

 1.8511104 GHz
 16.77 dBm
 1.851133 GHz

 1.85015135 GHz
 10.35 dBm
 Occ BW

 1.85287263 GHz
 9.73 dBm
 Type | Ref | Trc | 2.721278721 MHz Middle Channel / 3MHz / QPSK Middle Channel / 3MHz / 16QAM 7 7 Ref Level 30.00 dBm Offset 15.00 dB = RBW 100 kHz
Att 30 dB SWT 19 µs = VBW 300 kHz Mode Auto FFT Offset 15,00 dB • RBW 100 kHz SWT 19 µs • VBW 300 kHz Mode Auto FFT Count 100/100 16.50 dBn 1.00104900 GHz 2.721278721 MHz 20 dBm-CF 1.88 GH Y-value Function
2 17.10 dBm
2 9.13 dBm Occ BW
1 10.42 dBm X-value 1.881049 GHz 1.87863936 GHz 1.88136064 GHz Type | Ref | Trc | **Function Result** Type Ref Trc Function **Function Result** 2.733266733 MHz 2.721278721 MHz Highest Channel / 3MHz / QPSK Highest Channel / 3MHz / 16QAM V 7 30 dB SWT 15.00 dB **RBW** 100 kHz 19 µs **VBW** 300 kHz **Mode** Auto FFT .00 dB **RBW** 100 kHz 19 µs **WBW** 300 kHz **Mode** Auto FFT SGL Count 100/100 15.50 dBn 1.90933320 GHz 2.715284715 MHz 1.90897350 GH 2.727272727 MH 20 dBm 50 dBm CF 1.9085 GHz

X-value 1.9089735 GHz 1.90713936 GHz 1.90986663 GHz

Y-value Function 2 16.52 dBm

16.52 dBm 9.14 dBm Occ Bw 11.02 dBm Function Result

2.727272727 MHz

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Function Result

2.715284715 MHz

 Marker
 Trc
 X-value
 Y-value
 Function

 M1
 1
 1.0003332 GHz
 15.50 dbm
 15.50 dbm

 T1
 1
 1.90713936 GHz
 9.37 dbm
 Occ BW

 T2
 1
 1.90985465 GHz
 9.44 dbm
 Occ BW

LTE Band 2 Lowest Channel / 5MHz / QPSK Lowest Channel / 5MHz / 16QAM Ref Level 30.00 dBm Offset 15.00 dB RBW 100 lHz
Att 30 dB SWT 19 µs VBW 300 lHz Mode Auto FFT
55L Count 100/100
9 194 Max 7 14.57 dBn MILLI -10 dBп 30 dBm -50 dBm-
 X-value
 Y-value
 Function

 1.853949 GHz
 14.76 dbm
 1.8502522 GHz

 1.8502522 GHz
 9.75 dbm
 Occ Bw

 1.8547577 GHz
 9.31 dbm
 X-value Y-value Function
1,85298 GHz 14,57 dBm
1,8502522 GHz 9,37 dBm Occ BW
1,8547478 GHz 8,53 dBm Date: 22.DEC/2015 18:25:38 Middle Channel / 5MHz / QPSK Middle Channel / 5MHz / 16QAM 7
 Ref Level
 30.00 dBm
 Offset
 15.00 dB
 RBW
 100 kHz

 Att
 30 dB
 SWT
 19 µs
 VBW
 300 kHz
 Mode
 Auto FFT
 Count 180/100 16.20 dBi 1.08203800 GF 4.515484515 MF inter MA WAN Mapoo 40 dBm CF 1.88 GH 1001 pts Y-value Function
2 16.20 dBm
2 10.08 dBm Occ BW
1 9.38 dBm X-value Y-value
1.8795 GHz 14.85 dBm
1.8777522 GHz 9.20 dBm
1.8822677 GHz 7.79 dBm Type | Ref | Trc | Type | Ref | Trc | **Function Result** Function **Function Result** 4.515484515 MHz 4.515484515 MHz Highest Channel / 5MHz / QPSK Highest Channel / 5MHz / 16QAM V 7 00 dBm Offset 30 dB SWT 15.00 dB **RBW** 100 kHz 19 µs **VBW** 300 kHz **Mode** Auto FFT SGL Count 180/100 13.82 dBn 1.90530200 GH 4.495504496 MH MILLI 15.91 dBn 1.90743000 GH: 4.495504496 MH: d8m-20,d8m 50 dBm CF 1.9075 GHz
 Marker
 Y-value
 Y-value
 Function

 M1
 1
 1,905302 GHz
 13.82 dbm
 11.82 dbm

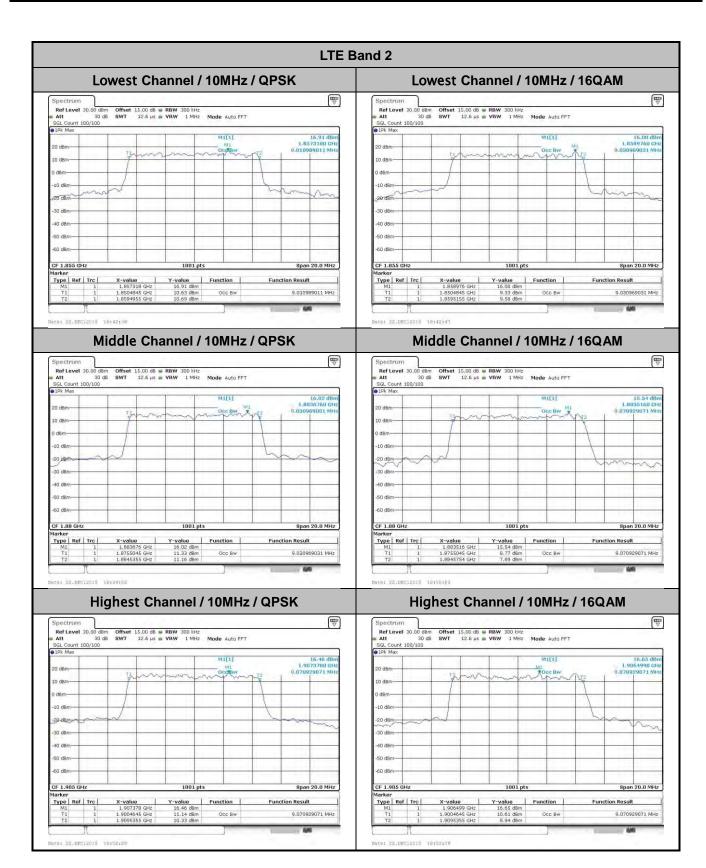
 T1
 1
 1,905232 GHz
 10.42 dbm
 Occ 8w

 T2
 1
 1,9097378 GHz
 8.54 dbm
 Occ 8w
 Function Result

4.495584496 MHz

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4.495504496 MHz



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LTE Band 2 Lowest Channel / 15MHz / QPSK Lowest Channel / 15MHz / 16QAM V Ref Level 30.00 d8m Offset 15,00 d8 w RBW 300 kHz
Att 30 d8 SWT 12.6 µs w VBW 1 MHz Mode Auto FFT
SGL Count 100/100 15.25 dB MILLI 14.83 dBn 10 dBm -10 dBп 20 dB/37 -30 dBm 40 dBm -50 dBm-
 X-value
 Y-value
 Function

 1.862205 GHz
 15.25 dBm
 L856968 GHz
 8.01 dBm
 Occ BW

 1.8642133 GHz
 9.62 dBm
 Occ BW
 Occ BW
 X-value Y-value Function
1.854503 GHz 14.83 dBm
1.8507268 GHz 10.14 dBm Occ BW
1.8642433 GHz 7.93 dBm Date: 22.DEC/2016 18:59:54 Middle Channel / 15MHz / QPSK Middle Channel / 15MHz / 16QAM 7 7
 Ref Level
 30.00 dBm
 Offset
 15,00 dB
 RBW
 300 kHz

 Att
 30 dB
 SWT
 12.6 µs
 VBW
 1 MHz
 Mode
 Auto FFT
 Count 180/100 13.81 dBm 1.8649750 GHz 13.456543457 MHz mm 40 dBm CF 1.88 GH Y-value Function
2 14.50 dBm
2 10.34 dBm Occ BW
1 9.39 dBm Y-value 2 13.81 dBm 2 8.83 dBm 2 9.22 dBm X-value 1.874306 GHz 1.8732567 GHz 1.8867433 GHz Type Ref Trc X-value 1,884975 GHz 1,8732567 GHz 1,8867133 GHz Type | Ref | Trc | **Function Result** Function **Function Result** 13.486513487 MHz 13.456543457 MHz Highest Channel / 15MHz / QPSK Highest Channel / 15MHz / 16QAM V V 00 dBm Offset 30 dB SWT 15,00 dB **RBW** 300 kHz 12.6 µs **WBW** 1 MHz **Mode** Auto FFT 15,00 dB **RBW** 300 kHz 12.6 µs **VBW** 1 MHz **Mode** Auto FFT SGL Count 100/100 15.45 dBn 1.8975250 GHz 13.456543457 MHz MILLI 15.49 dBn 1.0990030 GH 13.396603397 MH d8m-~~ 20 dBm-20 dBm-50 dBm CF 1.9025 GHz
 Marker
 Y-value
 Function

 M1
 1
 1.897529 GHz
 15.45 dbm

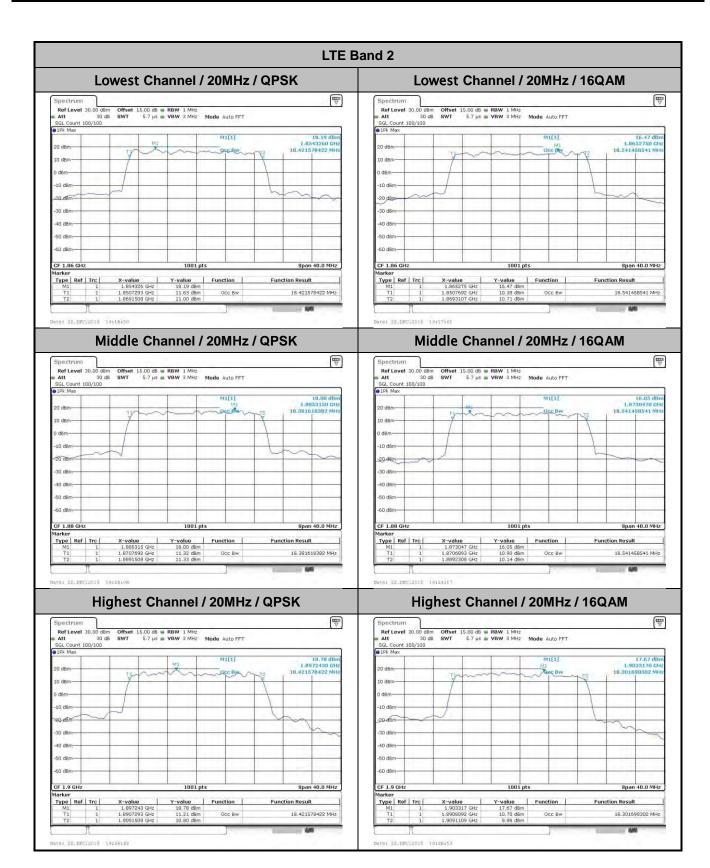
 T1
 1
 1.897529 GHz
 8.80 dbm
 Occ 8w

 T2
 1
 1.9091833 GHz
 7.84 dbm
 Occ 8w
 Function Result

13.396603397 MHz

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13.456543457 MHz



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LTE Band 4 Lowest Channel / 1.4MHz / QPSK Lowest Channel / 1.4MHz / 16QAM V Spectrum

Ref Level 30,00 d8m Offset 15,00 d8 ■ RBW 30 H2

Att 30 d8 SWT 63.2 µs ■ VBW 100 kH≥ Mode Auto FFT

SGL Count 100/100 Ref Level 30.00 dRm Offset 15,00 dB = RBW 30 kHz
Att 30 dB SWT 63.2 µs = VBW 100 kHz Mode Auto FFT
SGL Count 100/100 15,44 dBr 1,71047900 GH 1,093706294 MH 15.36 dBn 1.71036150 GH 1.090909091 MH MILLI MILLI -10 dВп
 X-value
 Y-value
 Function

 1.710479 GHz
 15.44 dBm
 1.71015175 GHz
 7.85 dBm
 Occ Bw

 1.71015175 GHz
 7.79 dBm
 7.79 dBm
 Occ Bw

 X-value
 Y-value
 Function

 1,7103615 GHz
 15.36 dBm
 1.71015175 GHz
 5.96 dBm
 Occ BW

 1,710124266 GHz
 8.64 dBm
 Occ BW
 Middle Channel / 1.4MHz / QPSK Middle Channel / 1.4MHz / 16QAM V ∇. Ref Level 30.00 dBm Offset 15,00 dB = RBW 30 kHz
Att 30 dB SWT 63.2 µs = VBW 100 kHz Mode Auto FFT Count 100/100 CF 1.7325 GHz Y-value Function
2 16.82 dBm
2 9.42 dBm Occ BW
1 9.93 dBm Type Ref Trc Type | Ref | Trc | **Function Result** Function **Function Result** 1.090909091 MHz 1.090909091 MHz Highest Channel / 1.4MHz / QPSK Highest Channel / 1.4MHz / 16QAM V ∇ V 30 dB SWT 15.00 dB **RBW** 30 kHz 63.2 µs **WBW** 100 kHz **Mode** Auto FFT 15.00 dB **■ RBW** 30 kHz 63.2 μs **■ VBW** 100 kHz **Mode** Auto FFT SGL Count 100/100 16.14 dBn 1.75444830 GH 1.093706294 MH 15.57 dBn 1.75476710 GH 1.090909891 MH MILLI d8m-30 d8m~ 50 dBm CF 1.7543 GHz CF 1.7543 GHz

1.090909091 MHz

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Type | Ref | Trc |

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Function Result

1.093706294 MHz

 Marker
 Trc
 X-value
 Y-value
 Function

 M1
 1
 1.7544483 GHz
 16.14 dam
 1.71
 1.7537575 GHz
 18.08 dbm
 Occ 8w
 7.72
 1.75494545 GHz
 7.93 dbm
 Occ 8w
 7.93 dbm
 7.93 dbm

LTE Band 4 Lowest Channel / 3MHz / QPSK Lowest Channel / 3MHz / 16QAM \(\forall\) \(\fo V Ref Level 30.00 dRm Offset 15.00 dB RBW 100 kHz
Att 30 dB SWT 19 µs VBW 300 kHz Mode Auto FFT
SGL Count 100/100 Ref Level 30.00 dBm Offset 15.00 dB RBW 100 kHz
Att 30 dB SWT 19 µs VBW 300 kHz Mode Auto FFT
SGL Count 100/100
NDM Mark 16.25 dBn 1.71206940 GH 2.715284715 MH MILIT -10 dВп
 X-value
 Y-value
 Function

 1.7123571 GHz
 16.30 dBm

 1.71013936 GHz
 11.15 dBm
 Occ BW

 1.71285465 GHz
 10.45 dBm

 X-value
 Y-value
 Function

 1.7120694 GHz
 16.25 dBm
 1.7103936 GHz
 10.12 dBm
 Occ BW

 1.71285465 GHz
 9.59 dBm
 Occ BW
 Type | Ref | Trc | 2.715284715 MHz Middle Channel / 3MHz / QPSK Middle Channel / 3MHz / 16QAM 7 ∇. Ref Level 30.00 dBm Offset 15.00 dB # RBW 100 kHz
Att 30 dB SWT 19 µs # VBW 300 kHz Mode Auto FFT Count 180/100 30 dBm CF 1.7325 GHz Y-value Function
16.93 d8m
10.49 d8m Occ Bw
10.03 d8m Type Ref Trc Type | Ref | Trc | **Function Result** Function **Function Result** 2.727272727 MHz 2.721278721 MHz Highest Channel / 3MHz / QPSK Highest Channel / 3MHz / 16QAM ∇. 30 dB SWT 15.00 dB **RBW** 100 kHz 19 µs **VBW** 300 kHz **Mode** Auto FFT .00 dB **RBW** 100 kHz 19 µs **WBW** 300 kHz **Mode** Auto FFT SGL Count 100/100 17.42 dBn 1.75349400 GH 2.709290709 MH 17,17 dBn 1.75296050 GH 2.691308691 MH CF 1.7535 GHz Span 6.0 MHz CF 1.7535 GHz

X-value 1.7529605 GHz 1.75215135 GHz 1.75484266 GHz

Y-value Function
2 17.17 dBm

Occ BW

Function Result

2.691308691 MHz

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Type | Ref | Trc |

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Function Result

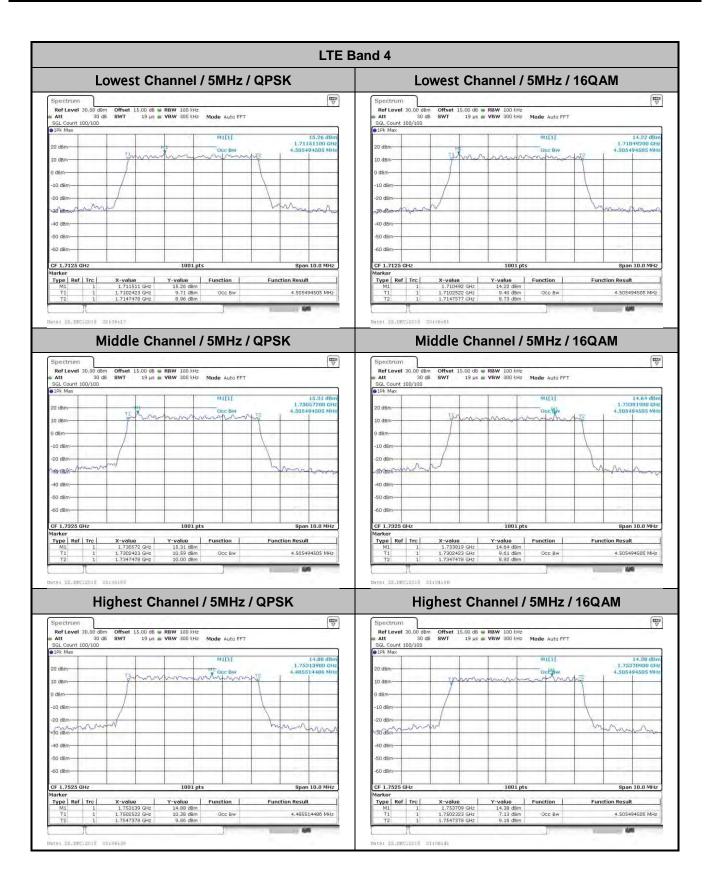
2.709290709 MHz

 Marker
 Trc
 X-value
 Y-value
 Function

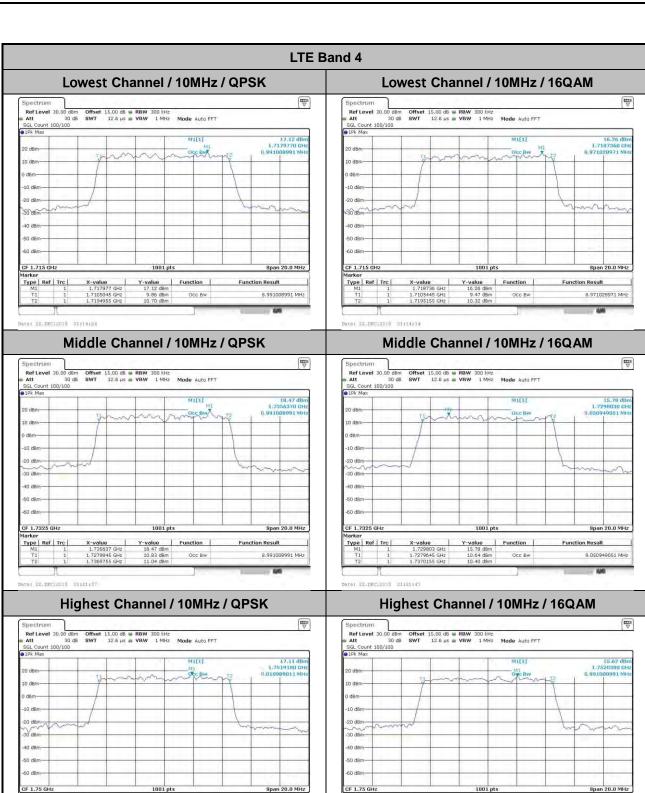
 M1
 1
 1.753494 GHz
 17.42 dbm
 17.42 dbm

 T1
 1
 1.75214535 GHz
 10.14 dbm
 Occ BW

 T2
 1
 1.75495465 GHz
 9.81 dbm
 Occ BW



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 X-value
 Y-value
 Function
 Function Result

 1.751919 GHz
 1.71.11 dBm
 The support of the su

9.010989011 MHz

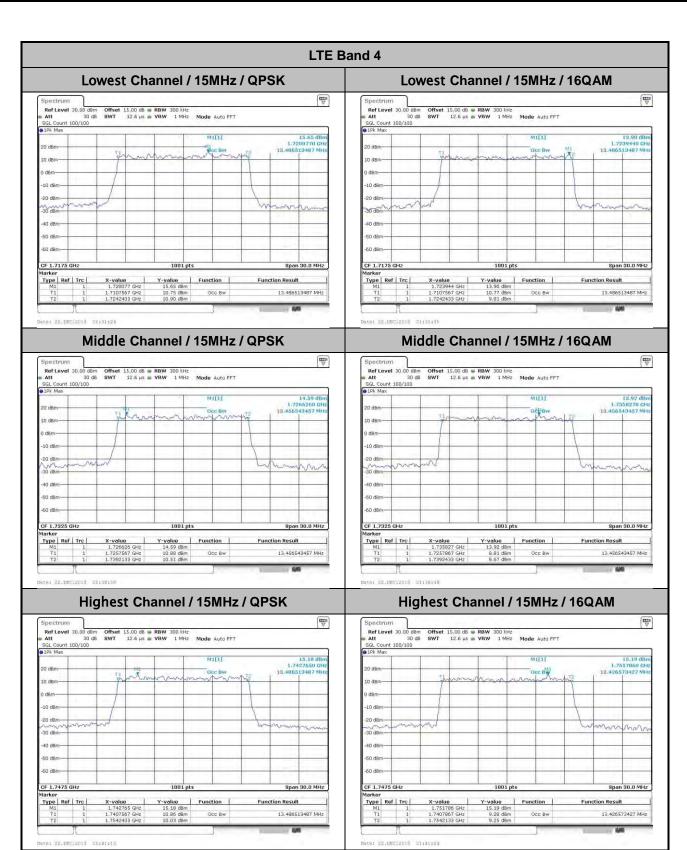
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Type | Ref | Trc |

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Function Result

B.991008991 MHz



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Ref tevel 30,00 d8m Offset 15:00 d8 w RBW 1 MHz

Att 30 d8 SWT \$.7 µs w VBW 3 MHz Mode Auto FFT

SQL Count 100/300
 Ref Level
 30.00 dBm
 Offset
 15.00 dB ■ RBW
 1 MHz

 Att
 30 dB
 SWT
 5.7 μs
 VBW
 3 MHz
 Mode
 Auto FFT

 SGL Count 100/100
 100/100
 100/100
 100/100
 100/100
 100/100
 100/100
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 100/100
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 100/100
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 100/100
 100/100</t 18.29 dBn -10 dBп 30 dBm -50 dBm-
 X-value
 Y-value
 Function

 1.724515 GHz
 18,80 dbm
 1.7108092 GHz

 1.7108092 GHz
 11,90 dbm
 Occ Bw

 1.7293107 GHz
 12,20 dbm

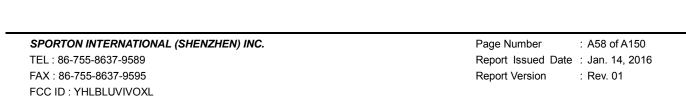
 X-value
 Y-value
 Function

 1,717363 GHz
 18.29 dBm
 1.7188092 GHz

 1,7198092 GHz
 10.93 dBm
 Occ BW

 1,7292308 GHz
 11.10 dBm
 Type | Ref | Trc | Middle Channel / 20MHz / QPSK Middle Channel / 20MHz / 16QAM V \(\nabla\)
 Ref Level
 30.00 dBm
 Offset
 15.00 dB w
 RBW
 1 MHz

 Att
 30 dB
 SWT
 5.7 µs w
 VBW
 3 MHz
 Mode
 Auto FFT
 Count 100/100 17.37 dBm 1:7299030 GHz 18.501498501 MHz 20 dBm CF 1.7325 GHz Y-value Function
2 18.14 dBm
2 12.23 dBm Occ BW
11.07 dBm X-value 1.728424 GHz 1.7232293 GHz 1.741531 GHz Type Ref Trc X-value 1,729903 GHz 1,7232692 GHz 1,7417707 GHz Y-value 2 17.37 dBm 2 11.18 dBm 2 10.29 dBm Type | Ref | Trc | **Function Result** Function **Function Result** 18.301698302 MHz 18.501498501 MHz Highest Channel / 20MHz / QPSK Highest Channel / 20MHz / 16QAM V 00 dBm Offset 30 dB SWT 15.00 dB W RBW 1 MHz 5.7 µs W VBW 3 MHz Mode Auto FFT 15.00 dB RBW 1 MHz 5.7 µs WBW 3 MHz Mode Auto FFT SGL Count 100/100 19.07 dBn 1.7367680 GH 18.621378621 MH 1:7409640 GH 18.421578422 MH d8m-



18.621378621 MHz

50 dBm

CF 1.745 GHz

| Market | Trope | Ref | Tro | X-value | Y-value | Function | M1 | 1 | 1,740964 GHz | 17,97 dBm | T1 | 1 | 1,78729 GHz | 10,96 dBm | Occ 8w | T2 | 1 | 1,7541598 GHz | 10,26 dBm | Occ 8w |

Function Result

18.421578422 MHz

Report No.: FG5D1804-01B LTE Band 7 Lowest Channel / 5MHz / QPSK Lowest Channel / 5MHz / 16QAM V V Ref Level 30.00 dbm Offset 15.00 db = RBW 100 kHz
Att 30 db SWT 19 µs = VBW 300 kHz Mode Auto FFT
SGL Count 100/100 MILLI MILLI 11.83 dBn -10 dВп X-value Y-value Function
2.501391 GHz 11.69 dBm
2.5002522 GHz 6.17 dBm Occ BW
2.5047478 GHz 6.91 dBm X-value Y-value Function 2,503829 GHz 11,83 dBm 2,5002423 GHz 5,98 dBm Occ BW 2,5047478 GHz 6,61 dBm Middle Channel / 5MHz / QPSK Middle Channel / 5MHz / 16QAM 7 ∇.
 Ref Level
 30.00 dBm
 Offset
 15.00 dB
 RBW
 100 kHz

 Att
 30 dB
 SWT
 19 µs
 VBW
 300 kHz
 Mode
 Auto FFT
 Count 100/100 12.27 dBr 2.53341200 GH 4.495584496 MH -30 dBm CF 2.535 GH 1001 pts Y-value Function
2 12.27 dBm
2 6.44 dBm Occ BW
2 6.40 dBm Type Ref Trc X-value 2.532952 GHz 2.5327423 GHz 2.5372478 GHz Type | Ref | Trc | **Function Result** Function **Function Result** 4.495504496 MHz 4.505494505 MHz Highest Channel / 5MHz / QPSK Highest Channel / 5MHz / 16QAM ∇. V 00 dBm Offset 30 dB SWT 15.00 dB **RBW** 100 kHz 19 µs **WBW** 300 kHz **Mode** Auto FFT SGL Count 100/100 11.86 dBn 2.56532200 GH 4.485514486 MH 11,77 dBn 2,56537200 GHz 4,485514486 MHz MILLI MIET 30 dBM 30 dBut-50 dBm

CF 2.5675 GHz

4.485514486 MHz

 Marker
 Trc
 X-value
 Y-value
 Function

 M1
 1
 2.565372 GHz
 11.77 dBm

 T1
 1
 2.556522 GHz
 6.42 dBm
 Occ 8w

 T2
 1
 2.5697378 GHz
 6.46 dBm
 Occ 8w

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CF 2.5675 GHz

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Function Result

4.495514486 MHz

LTE Band 7 Lowest Channel / 10MHz / QPSK Lowest Channel / 10MHz / 16QAM Ref Level 30.00 dBm Offset 15.00 dB RBW 300 kHz

Att 30 dB SWT 12.6 µs WBW 1 MHz Mode Auto FFT

| SGL Count 100/100 | SUFFT | SGL PR SW MODE | SGL PR SW MO 7 V 13,78 dBn 2.5022830 GH 9.070929071 MH 14.38 dB MILLI MILLI -10 dВп -30 dBr -50 dBm-
 X-value
 Y-value
 Function

 2.508676 GHz
 14.38 dBm
 2.509545 GHz
 7.08 dBm
 Occ BW

 2.5095554 GHz
 9.44 dBm
 Occ BW
 X-value Y-value Function 2,502293 GHz 13.78 dBm 2,5004945 GHz 7,94 dBm Occ BW 2,50969554 GHz 7,93 dBm Date: 24.DEC.2015 18:57:23 Middle Channel / 10MHz / QPSK Middle Channel / 10MHz / 16QAM V V Ref Level 30.00 dBm Offset 15,00 dB = RBW 300 kHz
Att 30 dB SWT 12.6 µs = VBW 1 MHz Mode Auto FFT Offset 15,00 dB ■ RBW 300 kHz SWT 12.6 µs ■ VBW 1 MHz Mode Auto FFT Count 100/100 CF 2.535 GH Y-value Function
2 13.59 dBm
2 7.56 dBm Occ BW
2 6.68 dBm X-value 2.532083 GHz 2.5304845 GHz 2.5394755 GHz Type Ref Trc Type | Ref | Trc | **Function Result** Function **Function Result** 8.991008991 MHz 8.991008991 MHz Highest Channel / 10MHz / 16QAM Highest Channel / 10MHz / QPSK ∇. 00 dBm Offset 30 dB SWT 15,00 dB **RBW** 300 kHz 12.6 µs **VBW** 1 MHz **Mode** Auto FFT 15,00 dB **RBW** 300 kHz 12.6 µs **VBW** 1 MHz **Mode** Auto FFT SGL Count 100/100 13.45 dBn 2.5613640 GH 9.070929071 MH MILIT 13.84 dBn 2.5645600 GH 9.030969031 MH MIET d8m-20 dBm-50 dBm CF 2.565 GHz
 Marker
 Trc
 X-value
 Y-value
 Function

 M1
 1
 2.551364 GHz
 13.45 dbm
 1

 T1
 1
 2.5504645 GHz
 6.99 dbm
 Occ 8w

 T2
 1
 2.5695355 GHz
 7.29 dbm
 Occ 8w
 Function Result

9.030969031 MHz

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9.070929071 MHz

LTE Band 7 Lowest Channel / 15MHz / QPSK Lowest Channel / 15MHz / 16QAM V Ref Level 30.00 dBm Offset 15,00 dB RBW 300 kHz
Att 30 dB SWT 12.6 µs VBW 1 MHz Mode Auto FFT
SGL Count 100/100
1016 May 12.01 dBn 2,5133140 GH 13,486513487 MH MILLI MILLI -10 dBm -30 dBm--30 dBm--50 dBm--60 dBm X-value Y-value Function
2.505792 GHz 12.06 dBm
2.5007567 GHz 7.95 dBm Occ BW
2.5142433 GHz 7.98 dBm
 X-value
 Y-value
 Function

 2.513314 GHz
 12.01 dbm
 2.508167 GHz

 2.5098167 GHz
 6.17 dbm
 Occ BW

 2.5143032 GHz
 5.82 dbm
 13.486513487 MHz Date: 24.DEC/2015 19:11:45 Middle Channel / 15MHz / QPSK Middle Channel / 15MHz / 16QAM 7 \(\nabla\) Offset 15,00 dB • RBW 300 kHz SWT 12.6 µs • VBW 1 MHz Mode Auto FFT Count 100/100 11.61 dBm 2.5293660 GHz 13.486513487 MHz 40 dBm CF 2.535 GH
 X-value
 Y-value
 Function

 2.530145 GHz
 12.51 dBm

 2.5282268 GHz
 6.93 dBm
 Occ Bw

 2.5417133 GHz
 6.52 dBm
 Type Ref Trc X-value 2,529366 GHz 2,5282268 GHz 2,5417133 GHz Type | Ref | Trc | **Function Result** Function **Function Result** 13.486513487 MHz 13.486513487 MHz Highest Channel / 15MHz / QPSK Highest Channel / 15MHz / 16QAM ∇. ∇. 00 dBm Offset 30 dB SWT 15,00 dB **RBW** 300 kHz 12.6 µs **WBW** 1 MHz **Mode** Auto FFT 15,00 dB **RBW** 300 kHz 12.6 µs **VBW** 1 MHz **Mode** Auto FFT SGL Count 100/100 13.59 dBr 7.5589040 GH 13.456543457 MH MIET MIET 2.5568360 GH 13.486513487 MH d8m-50 dBm CF 2.5625 GHz CF 2.5625 GHz
 Marker
 Trc
 X-value
 Y-value
 Function

 M1
 1
 2.556936 GHz
 13.88 dam
 13.88 dam

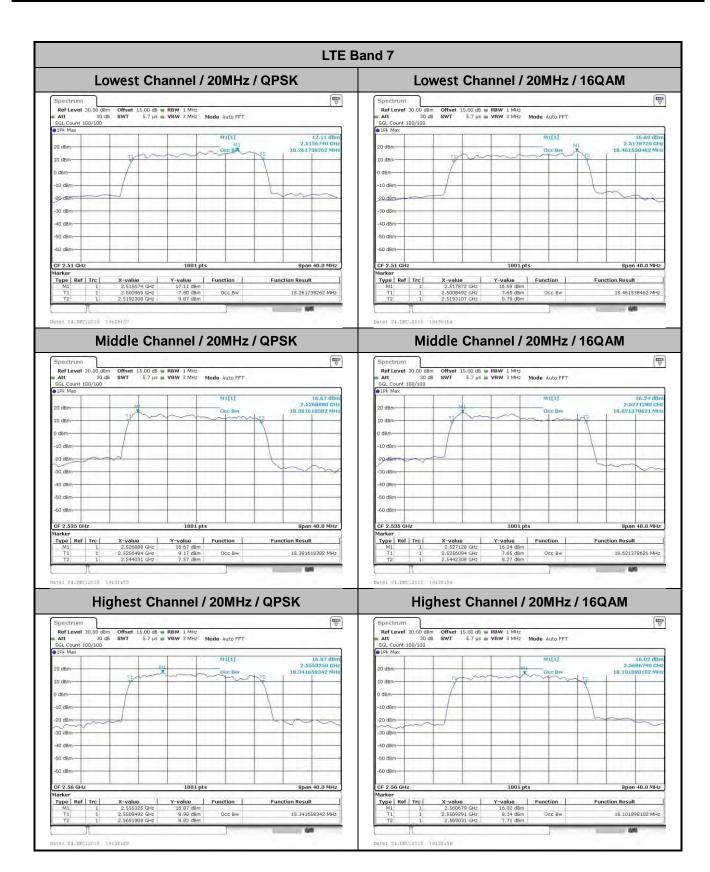
 T1
 1
 2.5557567 GHz
 8.73 dbm
 Occ 8w

 T2
 1
 2.5657243 GHz
 6.97 dbm
 6.97 dbm
 Function Result

13.456543457 MHz

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13.486513487 MHz



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LTE Band 12 Lowest Channel / 1.4MHz / QPSK Lowest Channel / 1.4MHz / 16QAM 7 Ref Level 30.00 dRm Offset 14.50 dB = RBW 30 kHz
Att 30 dB SWT 63.2 µs = VBW 100 kHz Mode Auto FFT
SGL Count 100/100 Ref Level 30.00 dBm Offset 14,50 dB RBW 30 kHz
Att 30 dB SWT 63.2 µs VBW 100 kHz Mode Auto FFT
SGL Count 100/100
100 May 15.40 dBn 699.25240 MH 093706294 MH manne -10 dBm -50 dBm--60 dBm
 X-value
 Y-value
 Function

 699.7783 MHz
 17.28 dBm

 699.15175 MHz
 9.17 dBm
 Occ BW

 700.24545 MHz
 7.90 dBm

 X-value
 Y-value
 Function

 699:2524 MHz
 15,40 dBm

 699:15458 MHz
 8,52 dBm
 Occ BW

 700:24825 MHz
 8,94 dBm
 Middle Channel / 1.4MHz / QPSK Middle Channel / 1.4MHz / 16QAM V 7
 Ref Level
 30.00 dBm
 Offset
 14.50 dB
 RBW
 30 kHz

 Att
 30 dB
 SWT
 63.2 µs
 VBW
 100 kHz
 Mode
 Auto FFT
 Count 180/108 mount WW 20 dBm CF 707.5 MHz
 X-Value
 Y-value
 Function

 707.058 MHz
 15.66 dam

 706.95455 MHz
 9.84 dBm
 Occ BW

 709.04545 MHz
 9.33 dBm
 Type Ref Trc Function Type | Ref | Trc | **Function Result Function Result** 1.090909091 MHz 1.085314685 MHz Highest Channel / 1.4MHz / QPSK Highest Channel / 1.4MHz / 16QAM V V 30 dB SWT 14.50 dB **RBW** 30 kHz 63.2 μs **VBW** 100 kHz **Mode** Auto FFT 14.50 dB **RBW** 30 kHz 63.2 μs **VBW** 100 kHz **Mode** Auto FFT SGL Count 100/100 14.56 dBn 714.65240 MHz 1.093706294 MHz MILIT 15,78 dBr 715,07620 MH 1,090909091 MH MILIT d8m-CF 715.3 MHz CF 715.3 MH Span 2.8 MHz

 X-value
 Y-value
 Function

 715.0762 MHz
 15.78 dBm
 P

 714.75455 MHz
 9.04 dBm
 Occ Bw

 715.84545 MHz
 9.90 dBm
 Occ Bw

Function Result

1.090909091 MHz

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Type | Ref | Trc |

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Function Result

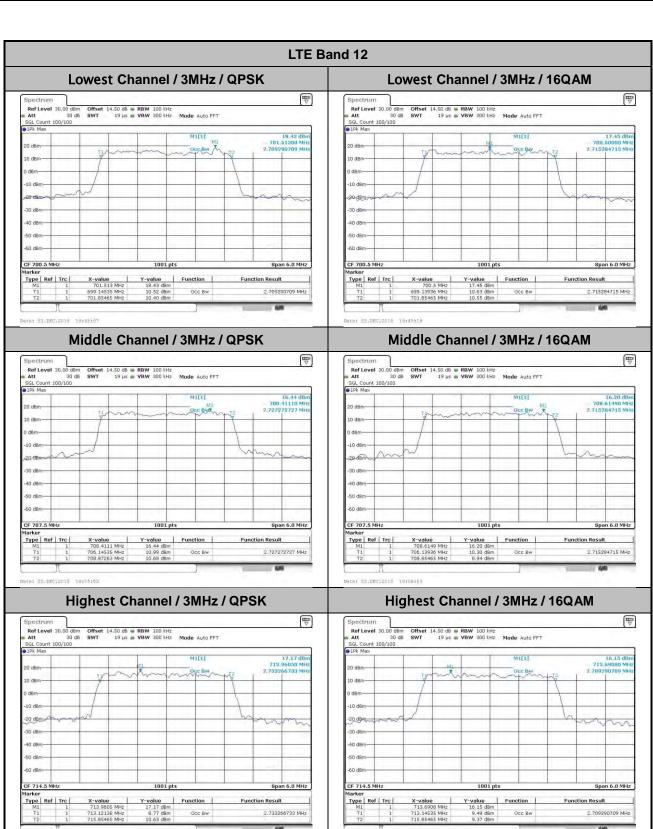
1.093706294 MHz

 Marker
 Y-value
 Function

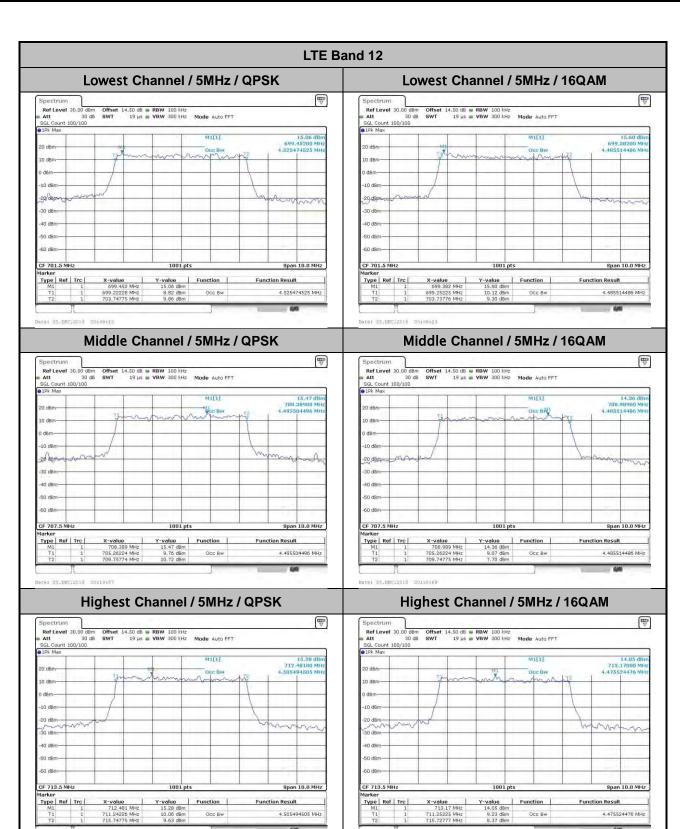
 M1
 1
 714.8594 MHz
 14.55 dBm

 T1
 1
 7174.7575 MHz
 7.75 dBm
 Occ 8w

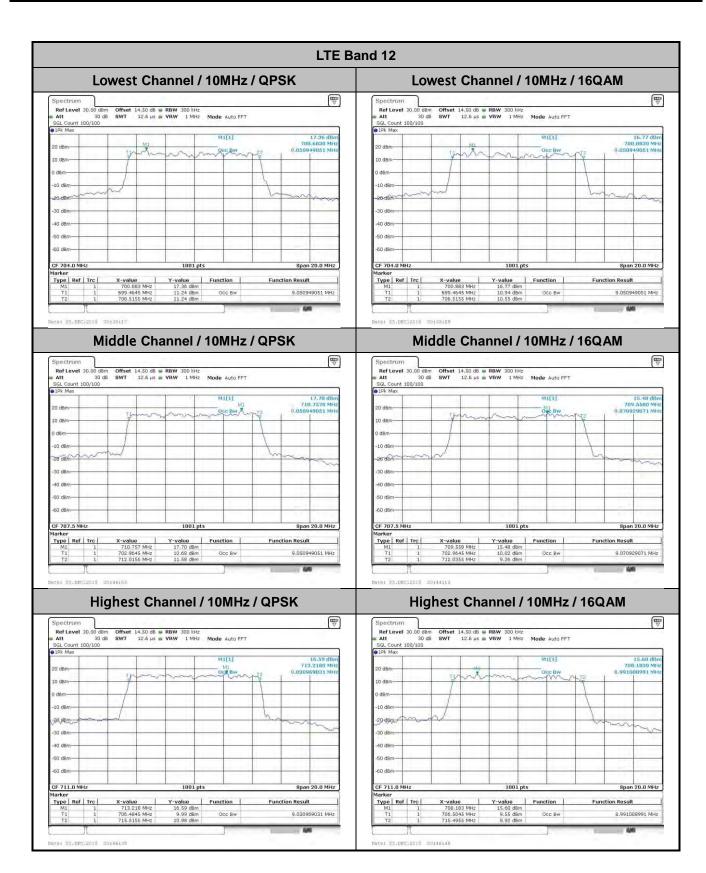
 T2
 1
 715.84545 MHz
 7.32 dBm
 Occ 8w



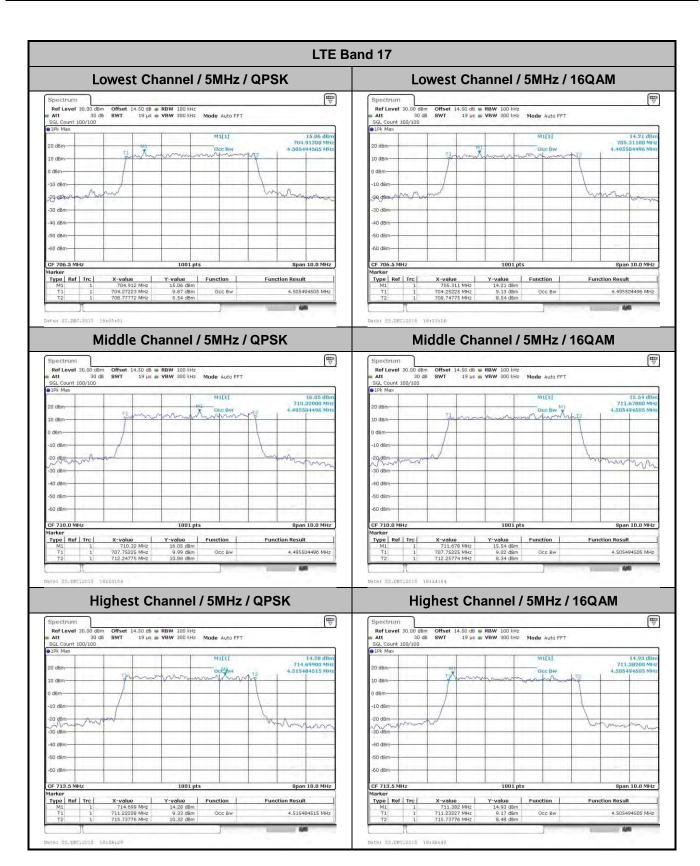
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LTE Band 17 Lowest Channel / 10MHz / QPSK Lowest Channel / 10MHz / 16QAM 7 17.31 dBi 711.8770 MF 8.971028971 MF 16.22 dBn -10 dВп -30 dBm -50 dBm--60 dBm
 X-value
 Y-value
 Function

 711.877 MHz
 17.31 dbm
 704.5045 MHz
 11.41 dbm
 Occ Bw

 713.4755 MHz
 10.19 dbm
 0cc Bw
 0cc Bw
 X-value
 Y-value
 Function

 709.559 MHz
 16.22 dBm
 709.4945 MHz

 704.4945 MHz
 9,90 dBm
 Occ BW

 713.5155 MHz
 9,40 dBm
 Type | Ref | Trc | Date: 23.DEC/2019 18:39:40 Middle Channel / 10MHz / QPSK Middle Channel / 10MHz / 16QAM 7 7 Ref Level 30.00 dBm Offset 14.50 dB = R8W 300 kHz
Att 30 dB SWT 12.6 µs = VBW 1 MHz Mode Auto FFT Count 100/100 16.37 dBn 709.5000 MHs 9.010989011 MHs 20 dBm 20 dBm CF 710.0 MH CF 710.0 MHz
 X-value
 Y-value
 Function

 710.48 MHz
 17.43 dBm

 705.5045 MHz
 10.93 dBm
 Occ Bw

 714.5355 MHz
 10.87 dBm
 Type Ref Trc
 X-value
 Y-value

 709.5 MHz
 16.37 dBm

 705.5245 MHz
 9.70 dBm

 714.5355 MHz
 8.74 dBm
 Type | Ref | Trc | **Function Result** Function **Function Result** 9.030969031 MHz 9.010989011 MHz Highest Channel / 10MHz / QPSK Highest Channel / 10MHz / 16QAM V 00 dBm Offset 30 dB SWT 14.50 dB **RBW** 300 kHz 12.6 µs **VBW** 1 MHz **Mode** Auto FFT 14.50 dB **RBW** 300 kHz 12.6 µs **VBW** 1 MHz **Mode** Auto FFT SGL Count 188/188 16.21 dBn 711.7790 MHz 8.991008991 MHz MILLI 16.47 dBn 712.6780 MH 8.991008991 MH d8m-20 dan--20 dBm-50 dBm CF 711.0 MH CF 711.0 MHz | Span 2 | X-value | Y-value | Function | Function Result | 712.678 MHz | 16.47 dBm | 705.5045 MHz | 10.96 dBm | Occ Bw | 8.991008 | 715.4955 MHz | 10.65 dBm | Occ Bw | 8.991008 | 715.4955 MHz | 10.65 dBm | Occ Bw | 715.4955 MHz |

8.991008991 MHz

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Type | Ref | Trc |

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Function Result

B.991008991 MHz