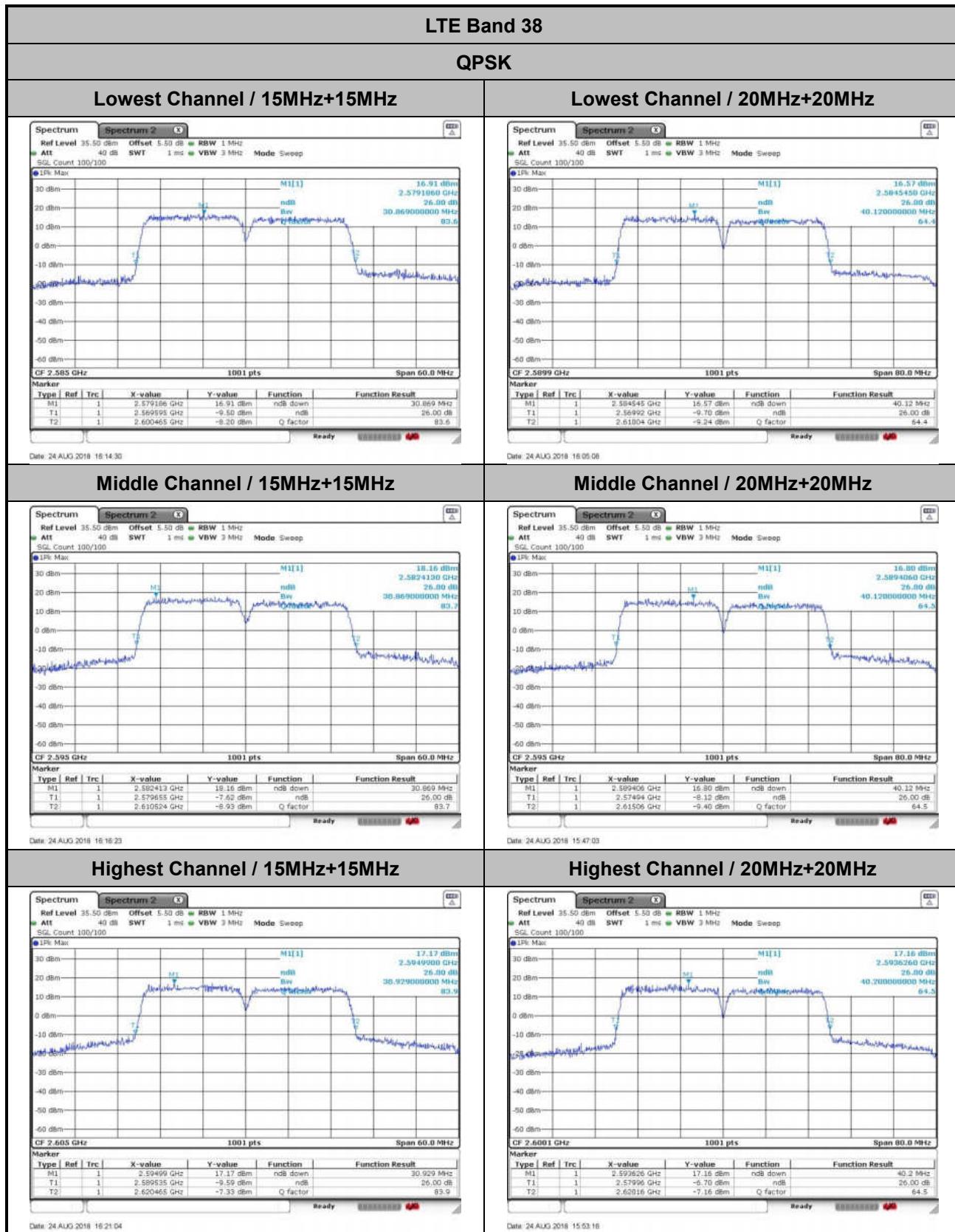
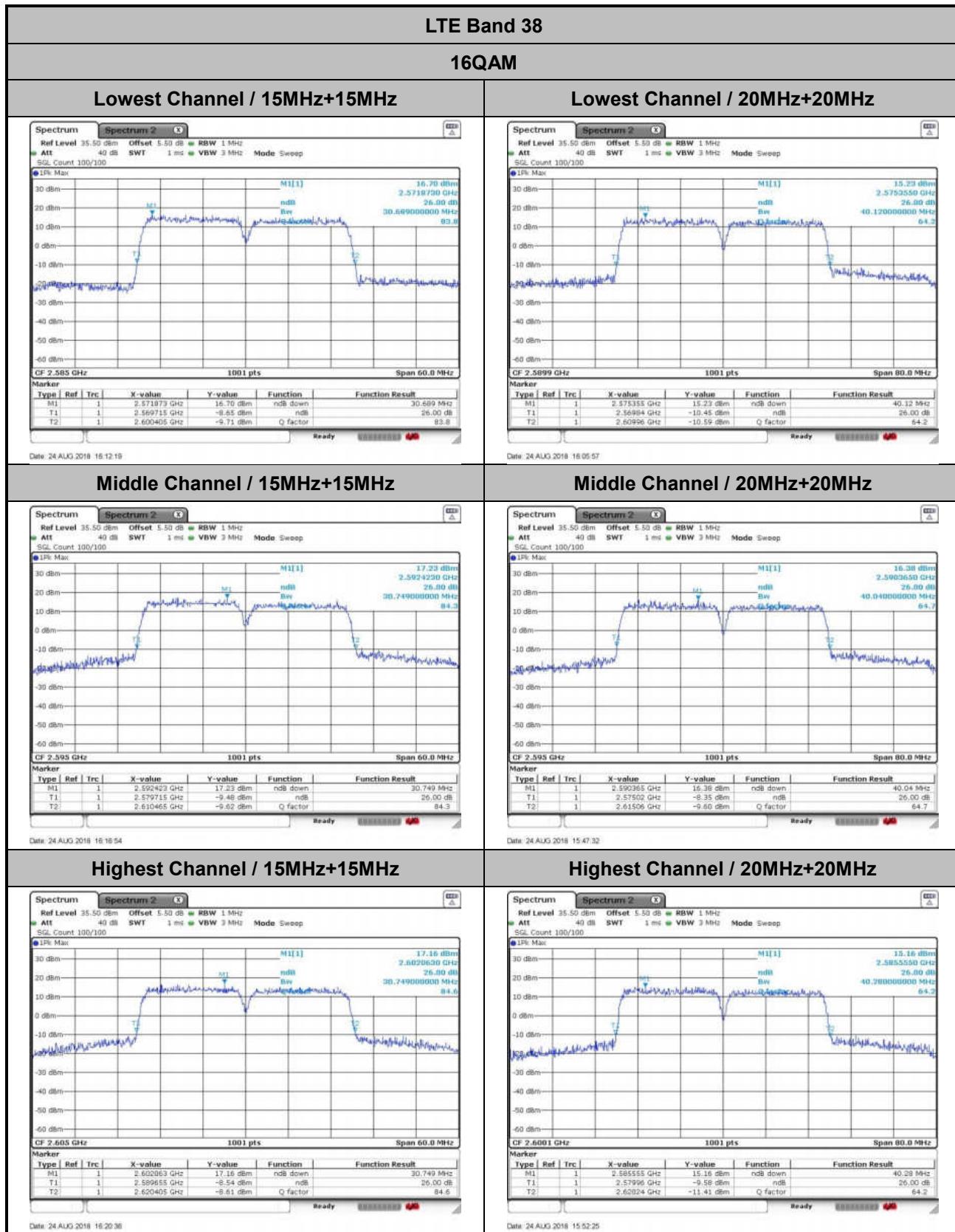
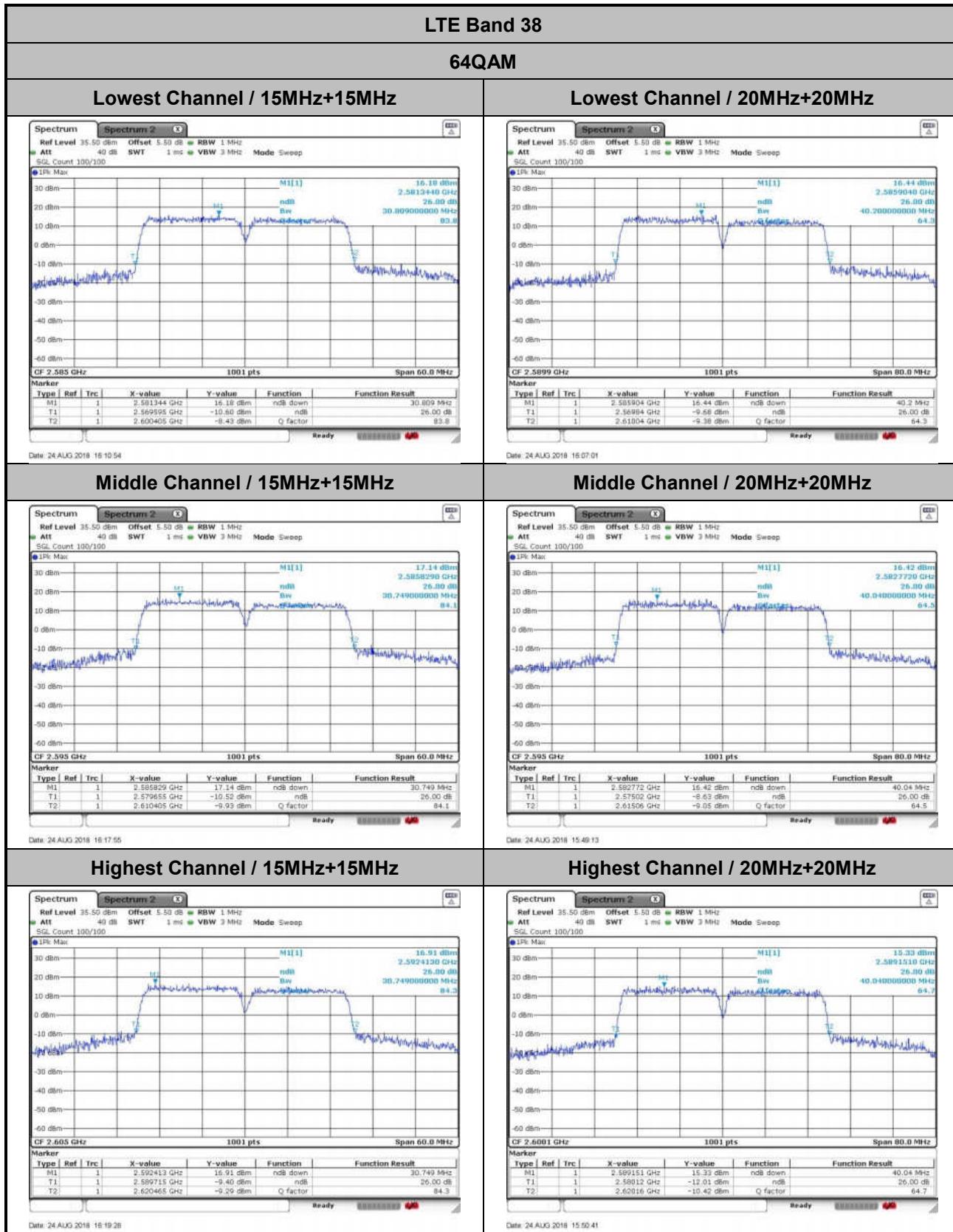




For CA









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	4.5	4.48	8.97	8.99	13.43	13.43	18.3	18.18
Middle CH	1.08	1.09	2.72	2.7	4.49	4.51	9.03	9.03	13.43	13.37	18.38	18.22
Highest CH	1.09	1.08	2.72	2.72	4.49	4.51	8.99	9.05	13.46	13.46	18.26	18.22
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.10		2.72		4.49		8.99		13.43		18.26	
Middle CH	1.09		2.73		4.49		9.07		13.46		18.38	
Highest CH	1.09		2.74		4.51		9.03		13.43		18.34	

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	1.08	1.1	2.71	2.71	4.49	4.48	9.03	9.05	13.46	13.46	18.3	18.42
Middle CH	1.08	1.09	2.73	2.7	4.51	4.5	9.05	9.05	13.46	13.4	18.22	18.34
Highest CH	1.09	1.09	2.71	2.72	4.5	4.49	9.01	8.97	13.49	13.46	18.22	18.38
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09		2.73		4.48		9.01		13.43		18.54	
Middle CH	1.09		2.74		4.5		9.03		13.37		18.34	
Highest CH	1.08		2.72		4.48		9.01		13.43		18.54	

Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM				
Lowest CH	1.1	1.08	2.73	2.72	4.5	4.51	9.01	9.03	-	-	-	-
Middle CH	1.09	1.09	2.73	2.73	4.51	4.51	9.01	9.03	-	-	-	-
Highest CH	1.09	1.09	2.75	2.72	4.49	4.5	8.99	9.03	-	-	-	-
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz					
Mod.	64QAM		64QAM		64QAM		64QAM					
Lowest CH	1.08		2.73		4.49		9.05					
Middle CH	1.09		2.72		4.49		9.05					
Highest CH	1.09		2.73		4.5		9.03					



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	-	-	-	-	4.5	4.49	9.01	9.07	13.43	13.43	18.18	18.34
Middle CH	-	-	-	-	4.49	4.5	9.05	9.03	13.49	13.4	18.38	18.42
Highest CH	-	-	-	-	4.49	4.51	9.07	8.97	13.49	13.43	18.18	18.42

Mode	LTE Band 7 : 99%OBW(MHz)											
BW					5MHz		10MHz		15MHz		20MHz	
Mod.					64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.5		9.01		13.49		18.42	
Middle CH	-	-	-	-	4.51		9.05		13.37		18.34	
Highest CH	-	-	-	-	4.49		9.1		13.4		18.26	

Mode	LTE Band 38 : 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	-	-	-	-	4.48	4.51	9.01	8.93	13.37	13.49	18.38	18.18
Middle CH	-	-	-	-	4.51	4.51	9.07	9.07	13.46	13.4	18.26	18.54
Highest CH	-	-	-	-	4.51	4.5	9.13	9.05	13.4	13.37	18.26	18.26

Mode	LTE Band 38 : 99%OBW(MHz)											
BW					5MHz		10MHz		15MHz		20MHz	
Mod.					64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.51		9.03		13.46		18.26	
Middle CH	-	-	-	-	4.50		9.01		13.43		18.38	
Highest CH	-	-	-	-	4.51		9.01		13.43		18.3	



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Mode	LTE Band 38 : 99%OBW(MHz)			
Mod.	QPSK		16QAM	
BW	15MHz+15MHz	20MHz+20MHz	15MHz+15MHz	20MHz+20MHz
Lowest CH	28.65	37.8	28.71	37.8
Middle CH	28.65	37.8	28.65	37.88
Highest CH	28.65	37.72	28.71	37.88

Mode	LTE Band 38 : 99%OBW(MHz)	
Mod.	64QAM	
BW	15MHz+15MHz	20MHz+20MHz
Lowest CH	28.71	37.8
Middle CH	28.65	37.96
Highest CH	28.77	37.88

