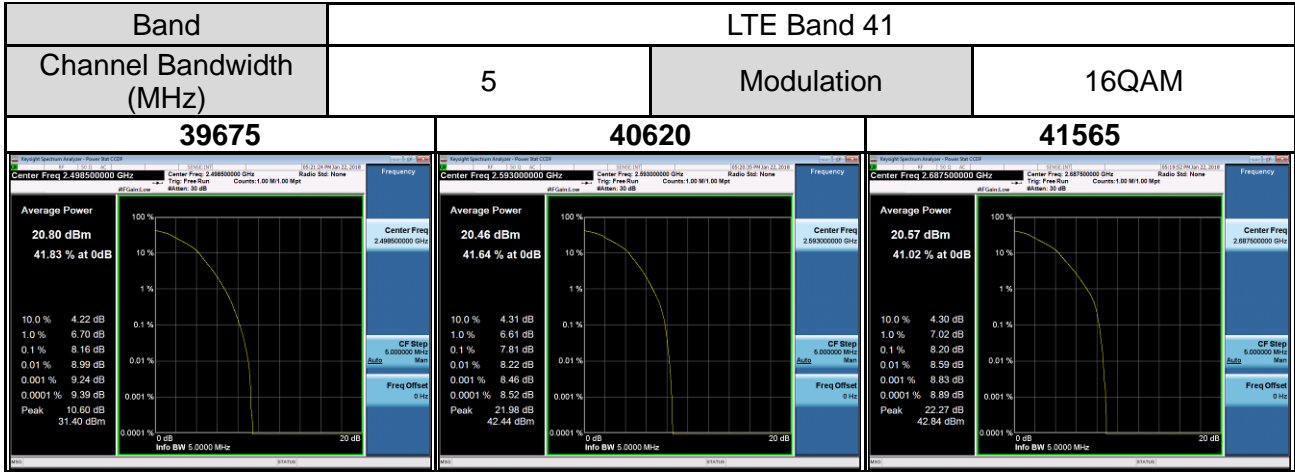
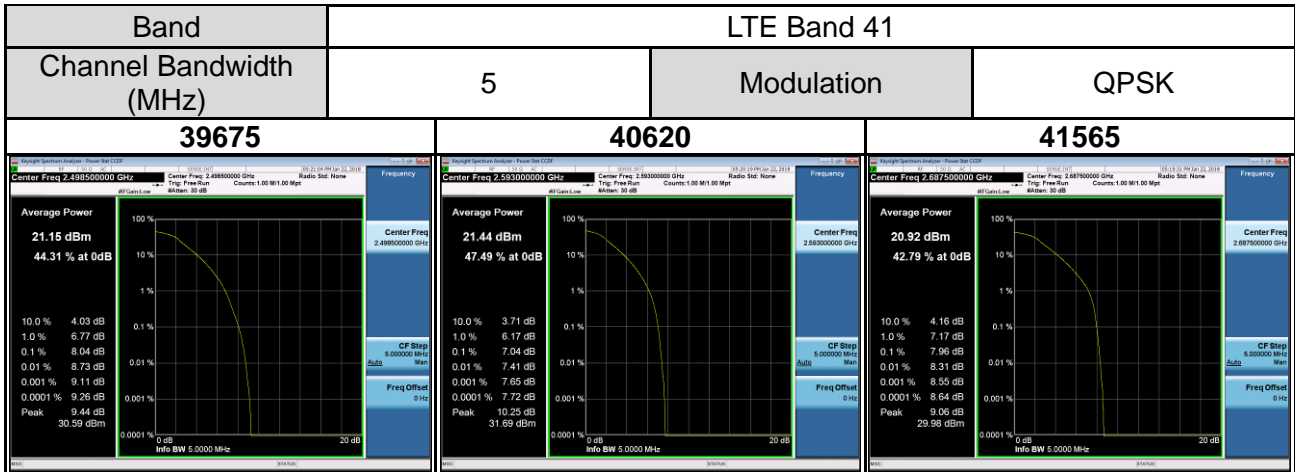
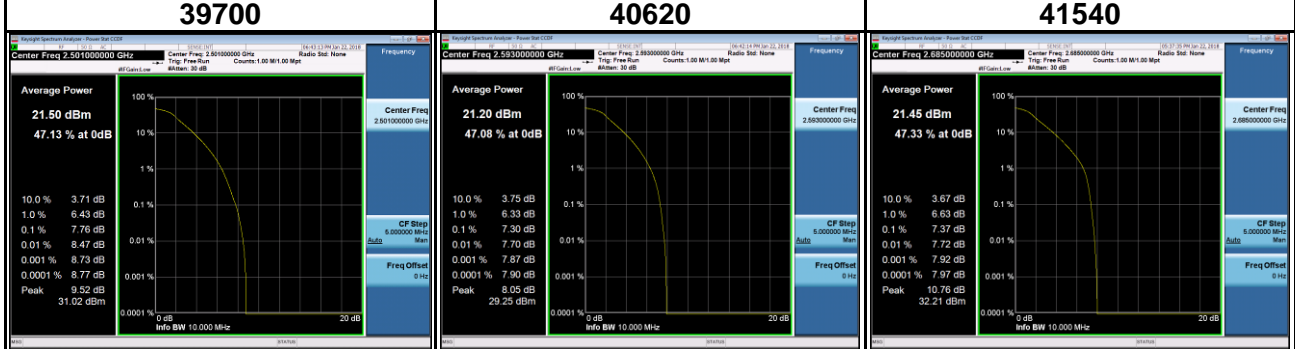


Band	LTE Band 13		
Channel Bandwidth (MHz)	10	Modulation	QPSK
<b>23230</b>			

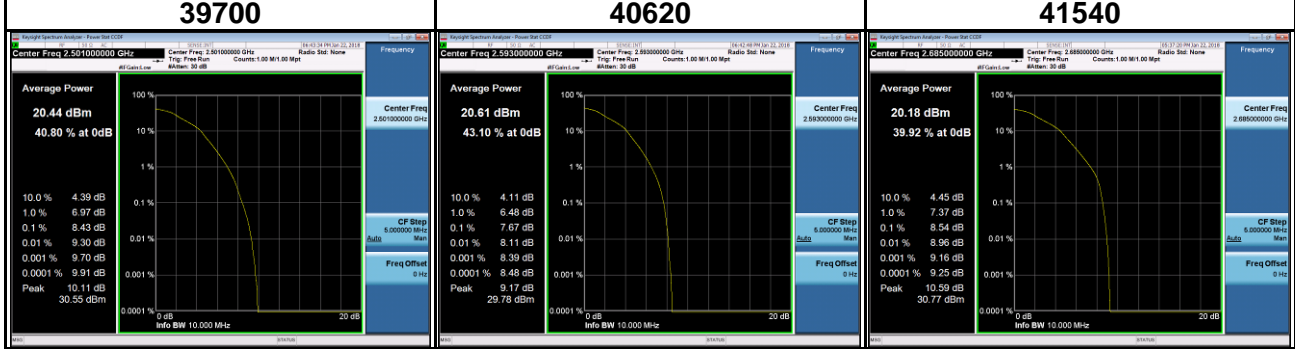
Band	LTE Band 13		
Channel Bandwidth (MHz)	10	Modulation	16QAM
<b>23230</b>			

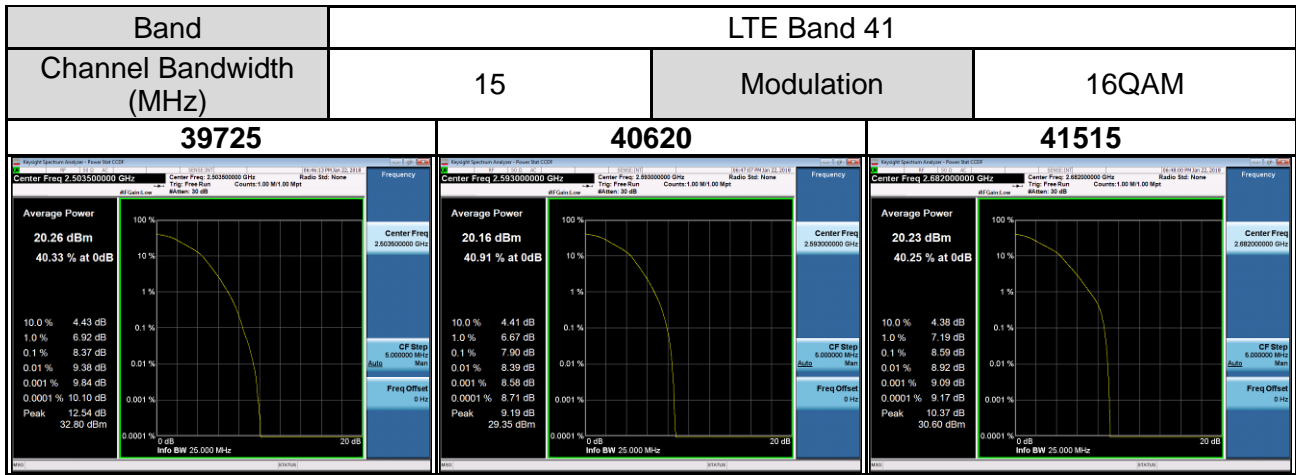
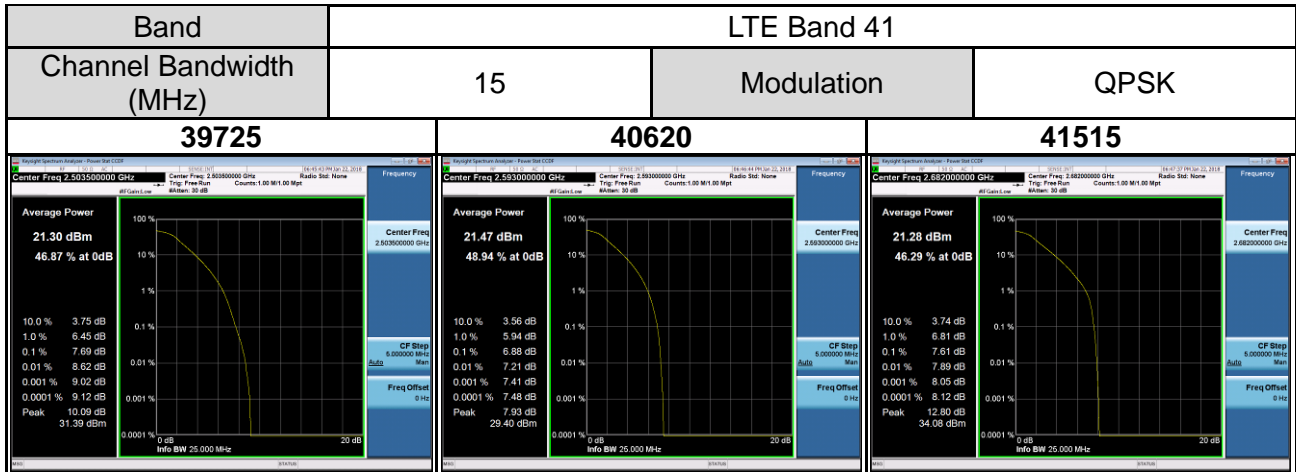


Band	LTE Band 41		
Channel Bandwidth (MHz)	10	Modulation	QPSK

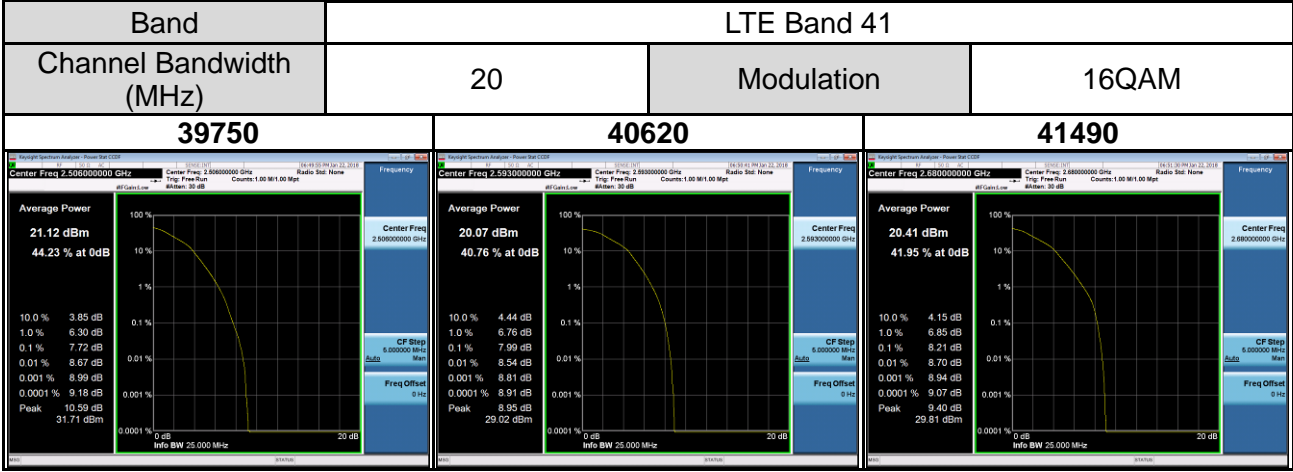
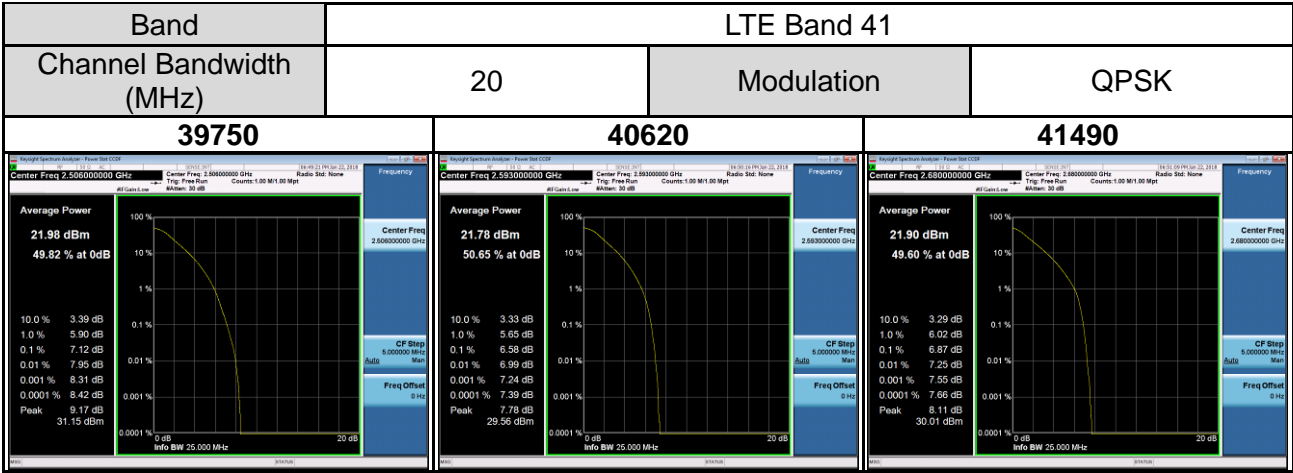


Band	LTE Band 41		
Channel Bandwidth (MHz)	10	Modulation	16QAM





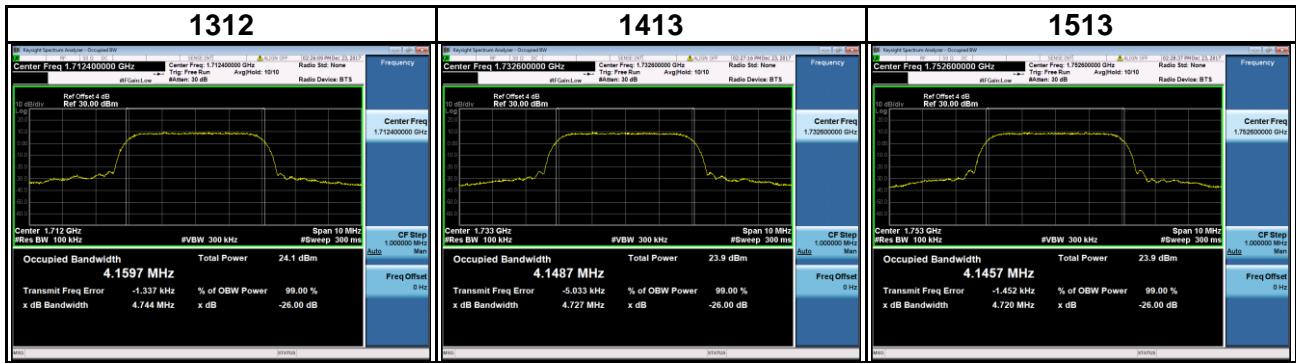




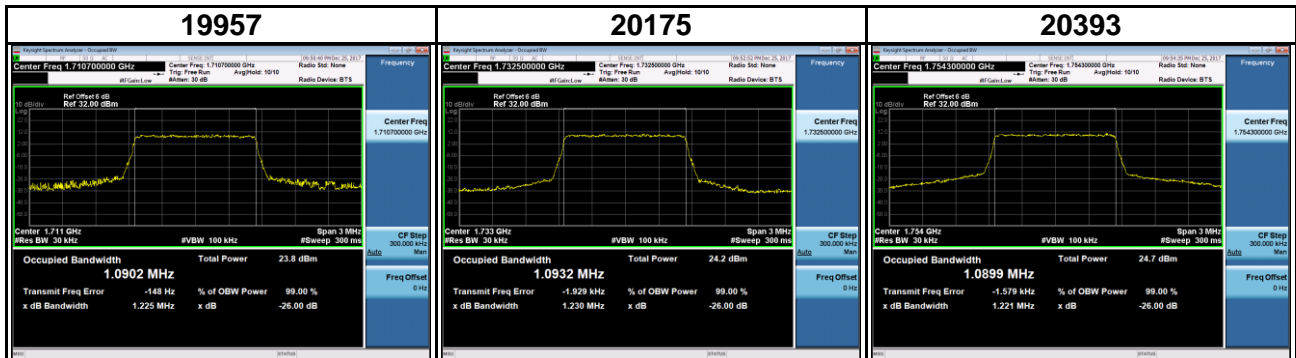
## APPENDIX C OCCUPIED BANDWIDTH

CONTINUE ON NEXT PAGE

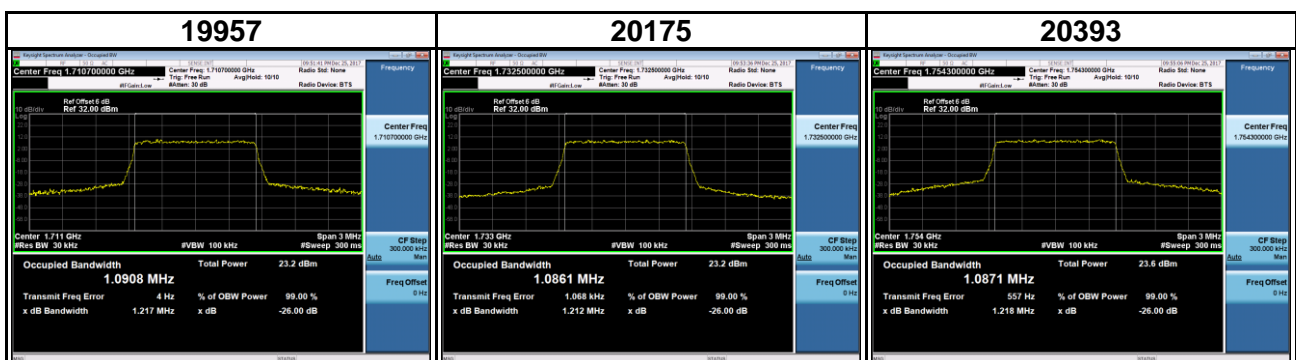
Band	WCDMA Band IV		
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
1312	1712.4	4.1597	4.744
1413	1732.6	4.1487	4.727
1513	1752.6	4.1457	4.720



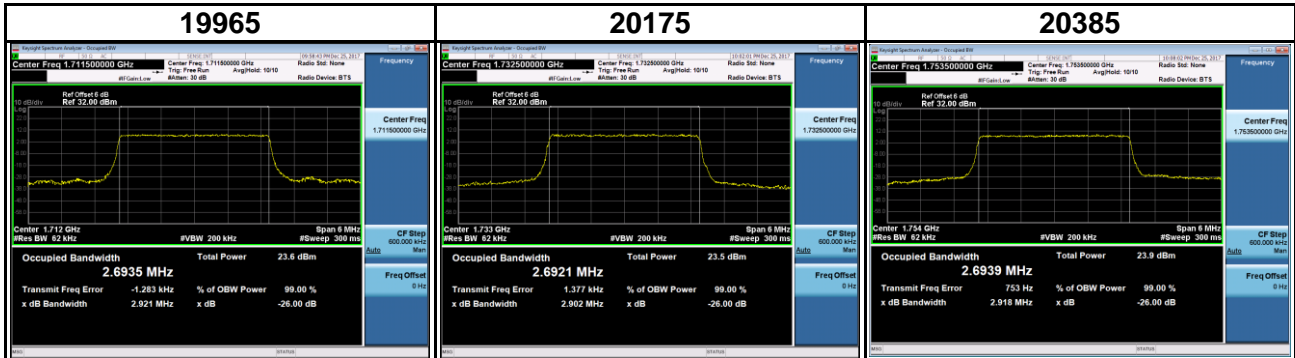
Band	LTE Band 4		
Channel Bandwidth (MHz)	1.4	Modulation	QPSK
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
19957	1710.7	1.0902	1.225
20175	1732.5	1.0932	1.230
20393	1754.3	1.0899	1.221



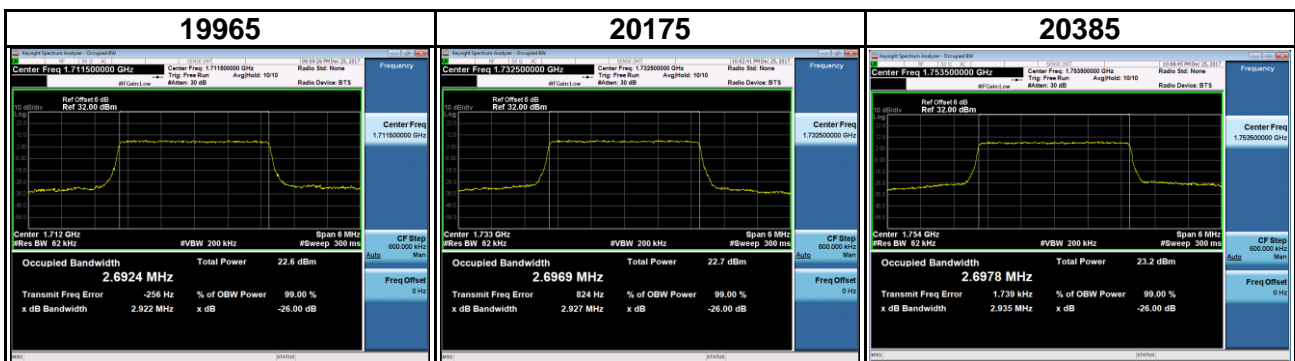
Band	LTE Band 4		
Channel Bandwidth (MHz)	1.4	Modulation	16QAM
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
19957	1710.7	1.0908	1.217
20175	1732.5	1.0861	1.212
20393	1754.3	1.0871	1.218



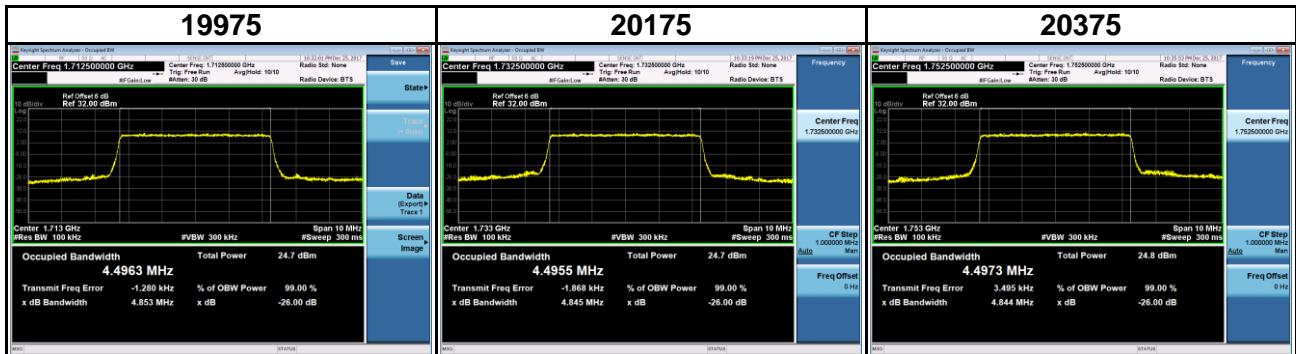
Band	LTE Band 4		
Channel Bandwidth (MHz)	3	Modulation	QPSK
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
19965	1711.5	2.6935	2.921
20175	1732.5	2.6921	2.902
20385	1753.5	2.6939	2.918



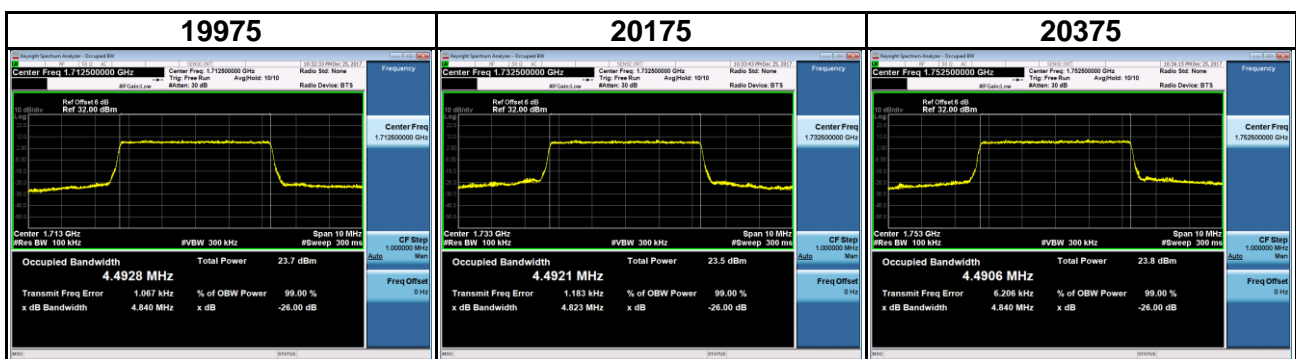
Band	LTE Band 4		
Channel Bandwidth (MHz)	3	Modulation	16QAM
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
19965	1711.5	2.6924	2.922
20175	1732.5	2.6969	2.927
20385	1753.5	2.6978	2.935



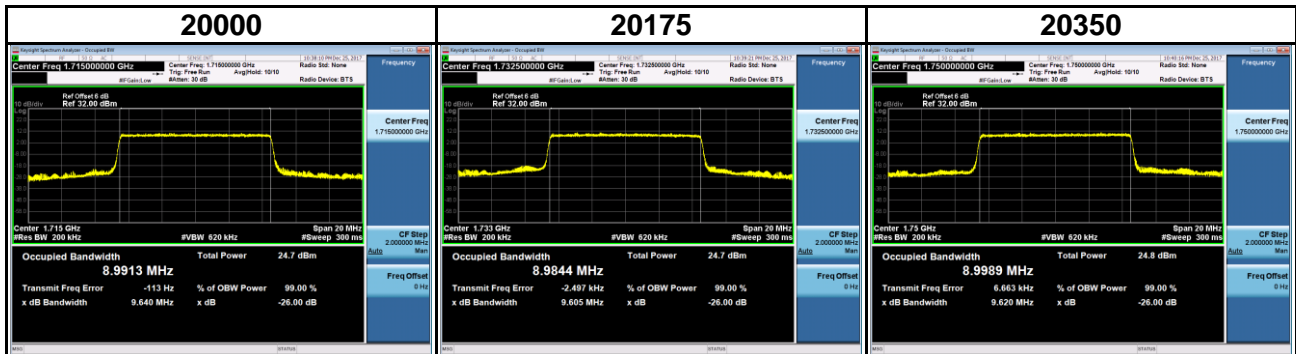
Band	LTE Band 4		
Channel Bandwidth (MHz)	5	Modulation	QPSK
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
19975	1712.5	4.4963	4.853
20175	1732.5	4.4955	4.845
20375	1752.5	4.4973	4.844



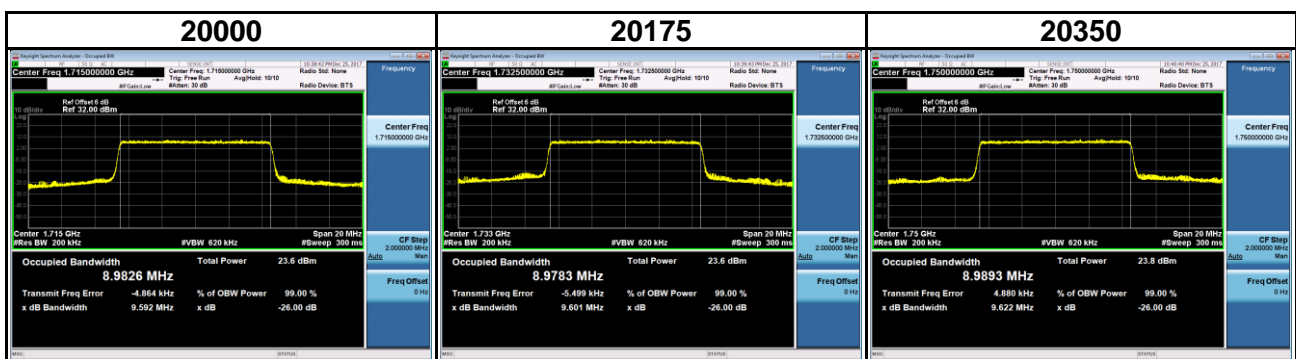
Band	LTE Band 4		
Channel Bandwidth (MHz)	5	Modulation	16QAM
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
19975	1712.5	4.4928	4.840
20175	1732.5	4.4921	4.823
20375	1752.5	4.4906	4.840



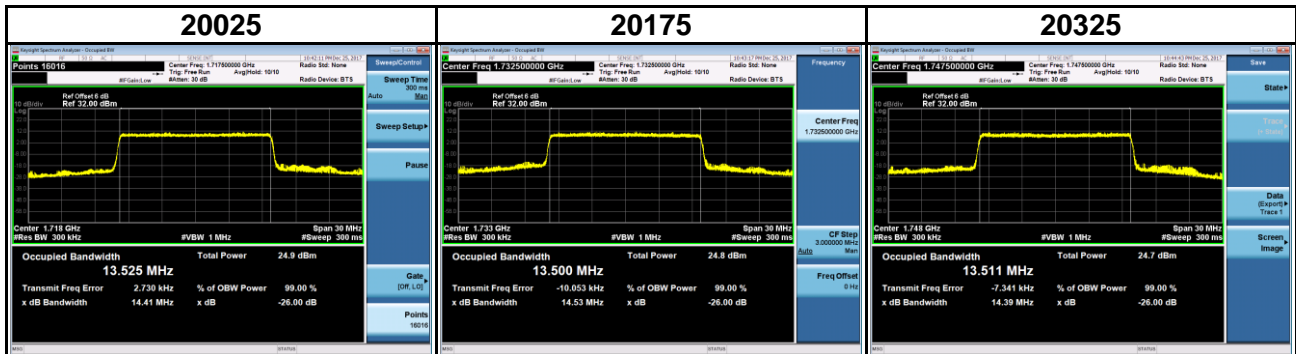
Band	LTE Band 4		
Channel Bandwidth (MHz)	10	Modulation	QPSK
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
20000	1715.0	8.9913	9.640
20175	1732.5	8.9844	9.605
20350	1750.0	8.9989	9.620



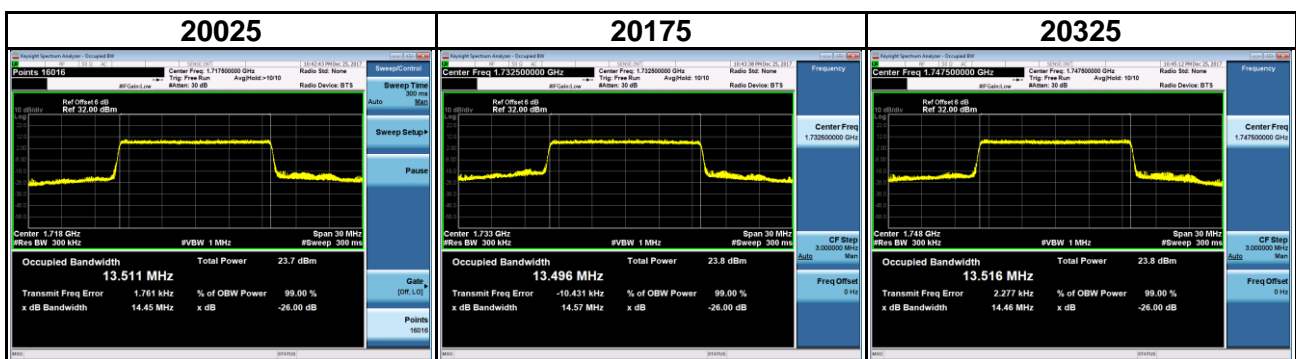
Band	LTE Band 4		
Channel Bandwidth (MHz)	10	Modulation	16QAM
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
20000	1715.0	8.9826	9.592
20175	1732.5	8.9783	9.601
20350	1750.0	8.9893	9.622



Band	LTE Band 4		
Channel Bandwidth (MHz)	15	Modulation	QPSK
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
20025	1717.5	13.525	14.41
20175	1732.5	13.500	14.53
20325	1747.5	13.511	14.39

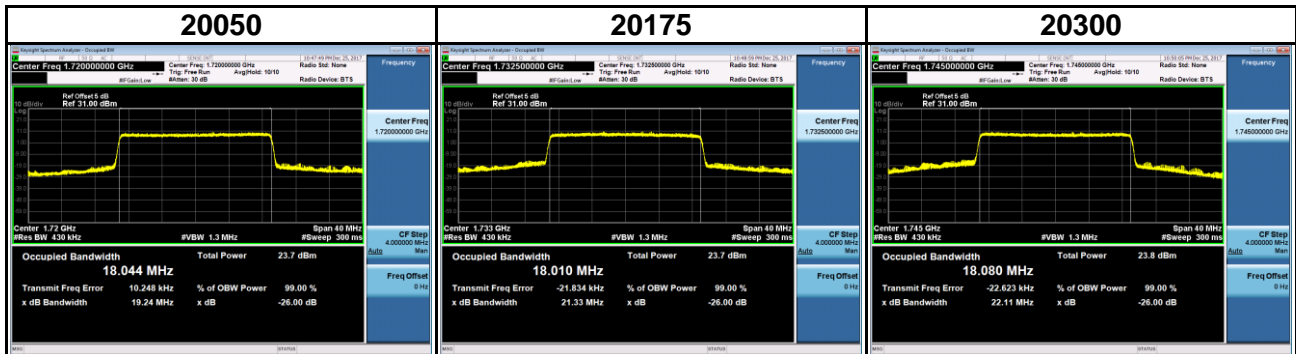


Band	LTE Band 4		
Channel Bandwidth (MHz)	15	Modulation	16QAM
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
20025	1717.5	13.511	14.45
20175	1732.5	13.496	14.57
20325	1747.5	13.516	14.46

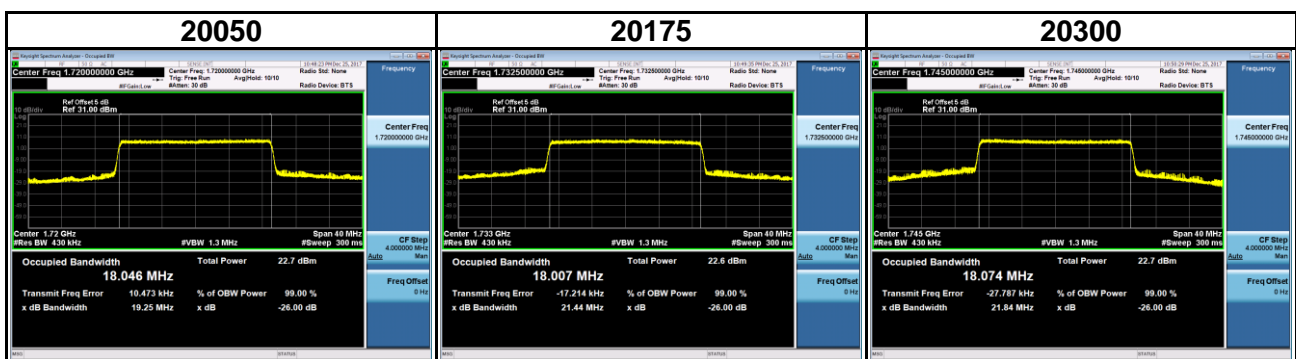




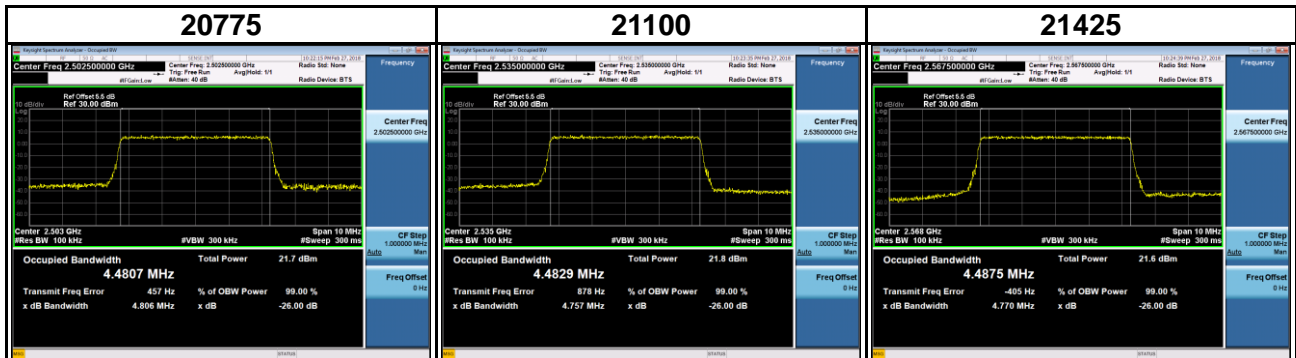
Band	LTE Band 4		
Channel Bandwidth (MHz)	20	Modulation	QPSK
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
20050	1720.0	18.044	19.24
20175	1732.5	18.010	21.33
20300	1745.0	18.080	22.11



Band	LTE Band 4		
Channel Bandwidth (MHz)	20	Modulation	16QAM
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
20050	1720.0	18.046	19.25
20175	1732.5	18.007	21.44
20300	1745.0	18.074	21.84



Band	LTE Band 7		
Channel Bandwidth (MHz)	5	Modulation	QPSK
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
20775	2502.5	4.4807	4.806
21100	2535.0	4.4829	4.757
21425	2567.5	4.4875	4.770



Band	LTE Band 7		
Channel Bandwidth (MHz)	5	Modulation	16QAM
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
20775	2502.5	4.4809	4.770
21100	2535.0	4.4817	4.781
21425	2567.5	4.4706	4.792

