

APPENDIX C: 26dB and 6dB Bandwidth test plots

TABLE OF CONTENTS

1. 26dB Bandwidth 2

1.1. HE20 IN THE 5.2 GHz BAND 2

1.2. HE40 IN THE 5.2 GHz BAND 11

1.3. HE80 IN THE 5.2 GHz BAND 19

1.4. HE20 IN THE 5.3 GHz BAND 24

1.5. HE40 IN THE 5.3 GHz BAND 33

1.6. HE80 IN THE 5.3 GHz BAND 41

1.7. HE20 IN THE 5.5 GHz BAND 46

1.8. HE40 IN THE 5.5 GHz BAND 57

1.9. HE80 IN THE 5.5 GHz BAND 72

1.10. HE20 IN THE STRADDLE BAND 85

1.11. HE40 IN THE STRADDLE BAND 86

1.12. HE80 IN THE STRADDLE BAND 87

2. 6dB Bandwidth 89

2.1. HE20 IN THE 5.8 GHz BAND 89

2.2. HE40 IN THE 5.8 GHz BAND 91

2.3. HE80 IN THE 5.8 GHz BAND 93

2.4. HE20 IN THE STRADDLE BAND 94

2.5. HE40 IN THE STRADDLE BAND 95

2.6. HE80 IN THE STRADDLE BAND 96

1. 26dB Bandwidth

T/O: Tones / Offset

1.1. HE20 IN THE 5.2 GHz BAND

Ch	T/O	Antenna 1	Antenna 2
26/0	26/0	<p>Center Freq: 5.18000000 GHz #Res BW: 200 kHz Span: 40 MHz Sweep: 1.333 ms</p> <p>Occupied Bandwidth: 18.330 MHz Total Power: 14.8 dBm Transmit Freq Error: -657.89 kHz x dB Bandwidth: 19.62 MHz OBW Power: 99.00 % x dB: -26.00 dB</p>	<p>Center Freq: 5.18000000 GHz #Res BW: 200 kHz Span: 40 MHz Sweep: 1.333 ms</p> <p>Occupied Bandwidth: 17.014 MHz Total Power: 15.1 dBm Transmit Freq Error: -1.3378 MHz x dB Bandwidth: 19.77 MHz OBW Power: 99.00 % x dB: -26.00 dB</p>
		<p>Center Freq: 5.18000000 GHz #Res BW: 200 kHz Span: 40 MHz Sweep: 1.333 ms</p> <p>Occupied Bandwidth: 15.555 MHz Total Power: 15.6 dBm Transmit Freq Error: -686.08 kHz x dB Bandwidth: 18.27 MHz OBW Power: 99.00 % x dB: -26.00 dB</p>	<p>Center Freq: 5.18000000 GHz #Res BW: 200 kHz Span: 40 MHz Sweep: 1.333 ms</p> <p>Occupied Bandwidth: 15.900 MHz Total Power: 16.0 dBm Transmit Freq Error: -552.72 kHz x dB Bandwidth: 18.61 MHz OBW Power: 99.00 % x dB: -26.00 dB</p>
		<p>Center Freq: 5.18000000 GHz #Res BW: 200 kHz Span: 40 MHz Sweep: 1.333 ms</p> <p>Occupied Bandwidth: 17.669 MHz Total Power: 15.6 dBm Transmit Freq Error: 973.62 kHz x dB Bandwidth: 20.73 MHz OBW Power: 99.00 % x dB: -26.00 dB</p>	<p>Center Freq: 5.18000000 GHz #Res BW: 200 kHz Span: 40 MHz Sweep: 1.333 ms</p> <p>Occupied Bandwidth: 18.394 MHz Total Power: 15.3 dBm Transmit Freq Error: 657.10 kHz x dB Bandwidth: 20.61 MHz OBW Power: 99.00 % x dB: -26.00 dB</p>

Ch	T/O	Antenna 1	Antenna 2
52/37		<p>Center Freq: 5.18000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.18 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth: 16.309 MHz Total Power: 17.1 dBm Transmit Freq Error: -1.6008 MHz OBW Power: 99.00 % x dB Bandwidth: 19.87 MHz x dB: -26.00 dB</p>	<p>Center Freq: 5.18000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.18 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth: 16.521 MHz Total Power: 16.8 dBm Transmit Freq Error: -1.4455 MHz OBW Power: 99.00 % x dB Bandwidth: 20.22 MHz x dB: -26.00 dB</p>
Low	52/38	<p>Center Freq: 5.18000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.18 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth: 16.154 MHz Total Power: 17.1 dBm Transmit Freq Error: 42.350 kHz OBW Power: 99.00 % x dB Bandwidth: 18.88 MHz x dB: -26.00 dB</p>	<p>Center Freq: 5.18000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.18 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth: 15.475 MHz Total Power: 17.1 dBm Transmit Freq Error: 48.982 kHz OBW Power: 99.00 % x dB Bandwidth: 18.17 MHz x dB: -26.00 dB</p>
	52/40	<p>Center Freq: 5.18000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.18 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth: 17.592 MHz Total Power: 17.3 dBm Transmit Freq Error: 900.54 kHz OBW Power: 99.00 % x dB Bandwidth: 20.43 MHz x dB: -26.00 dB</p>	<p>Center Freq: 5.18000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.18 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth: 17.279 MHz Total Power: 16.8 dBm Transmit Freq Error: 1.1043 MHz OBW Power: 99.00 % x dB Bandwidth: 20.82 MHz x dB: -26.00 dB</p>

Ch	T/O	Antenna 1	Antenna 2
106/53		<p>Center Freq: 5.18000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 17.243 MHz Total Power 19.7 dBm Transmit Freq Error -996.91 kHz OBW Power 99.00 % x dB Bandwidth 20.77 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.18000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 18.023 MHz Total Power 19.3 dBm Transmit Freq Error -583.94 kHz OBW Power 99.00 % x dB Bandwidth 20.46 MHz x dB -26.00 dB</p>
Low	106/54	<p>Center Freq: 5.18000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 18.254 MHz Total Power 19.5 dBm Transmit Freq Error 539.54 kHz OBW Power 99.00 % x dB Bandwidth 19.76 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.18000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 16.938 MHz Total Power 19.2 dBm Transmit Freq Error 1.1908 MHz OBW Power 99.00 % x dB Bandwidth 21.12 MHz x dB -26.00 dB</p>
	SU	<p>Center Freq: 5.18000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 19.045 MHz Total Power 20.7 dBm Transmit Freq Error -15.782 kHz OBW Power 99.00 % x dB Bandwidth 21.34 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.18000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 19.054 MHz Total Power 19.7 dBm Transmit Freq Error 15.239 kHz OBW Power 99.00 % x dB Bandwidth 21.26 MHz x dB -26.00 dB</p>

Ch	T/O	Antenna 1	Antenna 2
Mid	26/0	<p>Center Freq: 5.20000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Avg/Hold: 200/200 Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.2 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 17.950 MHz Total Power 15.8 dBm Transmit Freq Error -880.19 kHz OBW Power 99.00 % x dB Bandwidth 19.38 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.20000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Avg/Hold: 200/200 Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.2 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 17.439 MHz Total Power 16.2 dBm Transmit Freq Error -1.1644 MHz OBW Power 99.00 % x dB Bandwidth 19.04 MHz x dB -26.00 dB</p>
	26/4	<p>Center Freq: 5.20000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Avg/Hold: 200/200 Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.2 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 16.564 MHz Total Power 15.8 dBm Transmit Freq Error -266.01 kHz OBW Power 99.00 % x dB Bandwidth 18.26 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.20000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Avg/Hold: 200/200 Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.2 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 15.238 MHz Total Power 15.3 dBm Transmit Freq Error -983.65 kHz OBW Power 99.00 % x dB Bandwidth 18.20 MHz x dB -26.00 dB</p>
	26/8	<p>Center Freq: 5.20000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Avg/Hold: 200/200 Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.2 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 17.477 MHz Total Power 15.6 dBm Transmit Freq Error 1.0263 MHz OBW Power 99.00 % x dB Bandwidth 20.03 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.20000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Avg/Hold: 200/200 Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.2 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 18.503 MHz Total Power 15.3 dBm Transmit Freq Error 555.31 kHz OBW Power 99.00 % x dB Bandwidth 20.62 MHz x dB -26.00 dB</p>

Ch	T/O	Antenna 1	Antenna 2
Mid	52/37	<p>Center Freq: 5.20000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None AvgHold: 200/200 Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.2 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 17.508 MHz Total Power 17.7 dBm Transmit Freq Error -918.83 kHz OBW Power 99.00 % x dB Bandwidth 20.27 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.20000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None AvgHold: 200/200 Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.2 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 17.905 MHz Total Power 16.8 dBm Transmit Freq Error -773.12 kHz OBW Power 99.00 % x dB Bandwidth 19.90 MHz x dB -26.00 dB</p>
	52/38	<p>Center Freq: 5.20000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None AvgHold: 200/200 Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.2 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 14.765 MHz Total Power 17.6 dBm Transmit Freq Error -62.943 kHz OBW Power 99.00 % x dB Bandwidth 19.62 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.20000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None AvgHold: 200/200 Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.2 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 15.838 MHz Total Power 17.3 dBm Transmit Freq Error -132.97 kHz OBW Power 99.00 % x dB Bandwidth 19.31 MHz x dB -26.00 dB</p>
	52/40	<p>Center Freq: 5.20000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None AvgHold: 200/200 Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.2 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 18.295 MHz Total Power 17.2 dBm Transmit Freq Error 592.44 kHz OBW Power 99.00 % x dB Bandwidth 19.83 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.20000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None AvgHold: 200/200 Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.2 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 17.347 MHz Total Power 17.1 dBm Transmit Freq Error 1.0114 MHz OBW Power 99.00 % x dB Bandwidth 20.42 MHz x dB -26.00 dB</p>

Ch	T/O	Antenna 1	Antenna 2
106/53		<p>Center Freq: 5.200000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 17.447 MHz Total Power 19.6 dBm Transmit Freq Error -907.10 kHz OBW Power 99.00 % x dB Bandwidth 20.12 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.200000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 17.733 MHz Total Power 19.2 dBm Transmit Freq Error -770.92 kHz OBW Power 99.00 % x dB Bandwidth 19.97 MHz x dB -26.00 dB</p>
Mid	106/54	<p>Center Freq: 5.200000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 17.769 MHz Total Power 19.4 dBm Transmit Freq Error 771.70 kHz OBW Power 99.00 % x dB Bandwidth 21.31 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.200000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 18.227 MHz Total Power 19.2 dBm Transmit Freq Error 516.51 kHz OBW Power 99.00 % x dB Bandwidth 20.47 MHz x dB -26.00 dB</p>
	SU	<p>Center Freq: 5.200000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 19.011 MHz Total Power 20.5 dBm Transmit Freq Error 10.467 kHz OBW Power 99.00 % x dB Bandwidth 21.42 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.200000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 19.036 MHz Total Power 19.7 dBm Transmit Freq Error 4.434 kHz OBW Power 99.00 % x dB Bandwidth 21.37 MHz x dB -26.00 dB</p>

Ch	T/O	Antenna 1	Antenna 2
High	26/0	<p>Center Freq: 5.24000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.24 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 18.011 MHz Total Power 15.5 dBm Transmit Freq Error -890.79 kHz OBW Power 99.00 % x dB Bandwidth 19.39 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.24000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.24 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 17.842 MHz Total Power 15.6 dBm Transmit Freq Error -872.38 kHz OBW Power 99.00 % x dB Bandwidth 19.26 MHz x dB -26.00 dB</p>
	26/4	<p>Center Freq: 5.24000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.24 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 17.105 MHz Total Power 15.7 dBm Transmit Freq Error -47.746 kHz OBW Power 99.00 % x dB Bandwidth 19.19 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.24000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.24 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 15.901 MHz Total Power 16.0 dBm Transmit Freq Error 474.01 kHz OBW Power 99.00 % x dB Bandwidth 18.00 MHz x dB -26.00 dB</p>
	26/8	<p>Center Freq: 5.24000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.24 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 17.456 MHz Total Power 16.0 dBm Transmit Freq Error 1.0799 MHz OBW Power 99.00 % x dB Bandwidth 20.41 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.24000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.24 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 17.965 MHz Total Power 15.3 dBm Transmit Freq Error 827.12 kHz OBW Power 99.00 % x dB Bandwidth 19.19 MHz x dB -26.00 dB</p>

Ch	T/O	Antenna 1	Antenna 2
High	52/37	<p>Center Freq: 5.24000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth: 18.260 MHz Total Power: 17.5 dBm Transmit Freq Error: -586.73 kHz x dB Bandwidth: 19.62 MHz</p>	<p>Center Freq: 5.24000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth: 18.191 MHz Total Power: 17.4 dBm Transmit Freq Error: -599.33 kHz x dB Bandwidth: 19.98 MHz</p>
	52/38	<p>Center Freq: 5.24000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth: 15.117 MHz Total Power: 18.1 dBm Transmit Freq Error: -893.33 kHz x dB Bandwidth: 18.10 MHz</p>	<p>Center Freq: 5.24000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth: 16.665 MHz Total Power: 17.2 dBm Transmit Freq Error: -188.26 kHz x dB Bandwidth: 18.61 MHz</p>
	52/40	<p>Center Freq: 5.24000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth: 18.158 MHz Total Power: 17.5 dBm Transmit Freq Error: 654.04 kHz x dB Bandwidth: 19.49 MHz</p>	<p>Center Freq: 5.24000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth: 16.060 MHz Total Power: 17.1 dBm Transmit Freq Error: 1.6699 MHz x dB Bandwidth: 20.33 MHz</p>

Ch	T/O	Antenna 1	Antenna 2
106/53		<p>Center Freq: 5.24000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 17.787 MHz Total Power 19.3 dBm Transmit Freq Error -699.12 kHz OBW Power 99.00 % x dB Bandwidth 20.83 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.24000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 18.026 MHz Total Power 19.4 dBm Transmit Freq Error -550.74 kHz OBW Power 99.00 % x dB Bandwidth 20.16 MHz x dB -26.00 dB</p>
High	106/54	<p>Center Freq: 5.24000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 17.748 MHz Total Power 19.2 dBm Transmit Freq Error 788.70 kHz OBW Power 99.00 % x dB Bandwidth 21.04 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.24000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 18.254 MHz Total Power 19.2 dBm Transmit Freq Error 522.34 kHz OBW Power 99.00 % x dB Bandwidth 20.67 MHz x dB -26.00 dB</p>
	SU	<p>Center Freq: 5.24000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 19.007 MHz Total Power 20.6 dBm Transmit Freq Error 9.236 kHz OBW Power 99.00 % x dB Bandwidth 21.39 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.24000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 40 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 19.035 MHz Total Power 19.8 dBm Transmit Freq Error 23.165 kHz OBW Power 99.00 % x dB Bandwidth 21.53 MHz x dB -26.00 dB</p>

1.2. HE40 IN THE 5.2 GHz BAND

Ch	T/O	Antenna 1	Antenna 2
Low	26/0	<p>Center Freq: 5.19000000 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth: 15.057 MHz Total Power: 15.6 dBm Transmit Freq Error: -11.616 MHz x dB Bandwidth: 20.10 MHz</p>	<p>Center Freq: 5.19000000 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth: 18.017 MHz Total Power: 15.0 dBm Transmit Freq Error: -10.228 MHz x dB Bandwidth: 19.44 MHz</p>
	26/9	<p>Center Freq: 5.19000000 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth: 20.159 MHz Total Power: 16.9 dBm Transmit Freq Error: 7.9828 MHz x dB Bandwidth: 21.63 MHz</p>	<p>Center Freq: 5.19000000 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth: 19.112 MHz Total Power: 15.7 dBm Transmit Freq Error: 7.6517 MHz x dB Bandwidth: 20.53 MHz</p>
	26/17	<p>Center Freq: 5.19000000 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth: 17.299 MHz Total Power: 15.5 dBm Transmit Freq Error: 10.647 MHz x dB Bandwidth: 19.79 MHz</p>	<p>Center Freq: 5.19000000 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth: 17.970 MHz Total Power: 15.7 dBm Transmit Freq Error: 10.329 MHz x dB Bandwidth: 20.27 MHz</p>

Ch	T/O	Antenna 1	Antenna 2
52/37		<p>Center Freq: 5.19000000 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 17.312 MHz Total Power 17.1 dBm Transmit Freq Error -10.426 MHz OBW Power 99.00 % x dB Bandwidth 19.78 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.19000000 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 16.851 MHz Total Power 16.5 dBm Transmit Freq Error -10.679 MHz OBW Power 99.00 % x dB Bandwidth 20.90 MHz x dB -26.00 dB</p>
Low	52/41	<p>Center Freq: 5.19000000 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 18.812 MHz Total Power 17.7 dBm Transmit Freq Error 7.8389 MHz OBW Power 99.00 % x dB Bandwidth 25.25 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.19000000 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 19.811 MHz Total Power 17.7 dBm Transmit Freq Error 8.1852 MHz OBW Power 99.00 % x dB Bandwidth 24.44 MHz x dB -26.00 dB</p>
	52/44	<p>Center Freq: 5.19000000 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 17.079 MHz Total Power 16.6 dBm Transmit Freq Error 10.660 MHz OBW Power 99.00 % x dB Bandwidth 22.03 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.19000000 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 17.320 MHz Total Power 17.2 dBm Transmit Freq Error 10.532 MHz OBW Power 99.00 % x dB Bandwidth 20.77 MHz x dB -26.00 dB</p>

Ch	T/O	Antenna 1	Antenna 2																								
106/53		<p>Center Freq: 5.19000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.19 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>17.796 MHz</td> <td>Total Power</td> <td>18.8 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>-10.063 MHz</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>19.55 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </table>	Occupied Bandwidth	17.796 MHz	Total Power	18.8 dBm	Transmit Freq Error	-10.063 MHz	OBW Power	99.00 %	x dB Bandwidth	19.55 MHz	x dB	-26.00 dB	<p>Center Freq: 5.19000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.19 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>17.796 MHz</td> <td>Total Power</td> <td>19.5 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>-10.176 MHz</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>23.16 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </table>	Occupied Bandwidth	17.796 MHz	Total Power	19.5 dBm	Transmit Freq Error	-10.176 MHz	OBW Power	99.00 %	x dB Bandwidth	23.16 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.796 MHz	Total Power	18.8 dBm																								
Transmit Freq Error	-10.063 MHz	OBW Power	99.00 %																								
x dB Bandwidth	19.55 MHz	x dB	-26.00 dB																								
Occupied Bandwidth	17.796 MHz	Total Power	19.5 dBm																								
Transmit Freq Error	-10.176 MHz	OBW Power	99.00 %																								
x dB Bandwidth	23.16 MHz	x dB	-26.00 dB																								
Low 106/54		<p>Center Freq: 5.19000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.19 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>17.493 MHz</td> <td>Total Power</td> <td>19.0 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>-7.5754 MHz</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>28.02 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </table>	Occupied Bandwidth	17.493 MHz	Total Power	19.0 dBm	Transmit Freq Error	-7.5754 MHz	OBW Power	99.00 %	x dB Bandwidth	28.02 MHz	x dB	-26.00 dB	<p>Center Freq: 5.19000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.19 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>19.377 MHz</td> <td>Total Power</td> <td>20.1 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>-8.9046 MHz</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>24.91 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </table>	Occupied Bandwidth	19.377 MHz	Total Power	20.1 dBm	Transmit Freq Error	-8.9046 MHz	OBW Power	99.00 %	x dB Bandwidth	24.91 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.493 MHz	Total Power	19.0 dBm																								
Transmit Freq Error	-7.5754 MHz	OBW Power	99.00 %																								
x dB Bandwidth	28.02 MHz	x dB	-26.00 dB																								
Occupied Bandwidth	19.377 MHz	Total Power	20.1 dBm																								
Transmit Freq Error	-8.9046 MHz	OBW Power	99.00 %																								
x dB Bandwidth	24.91 MHz	x dB	-26.00 dB																								
106/56		<p>Center Freq: 5.19000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.19 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>17.729 MHz</td> <td>Total Power</td> <td>18.5 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>10.195 MHz</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>19.30 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </table>	Occupied Bandwidth	17.729 MHz	Total Power	18.5 dBm	Transmit Freq Error	10.195 MHz	OBW Power	99.00 %	x dB Bandwidth	19.30 MHz	x dB	-26.00 dB	<p>Center Freq: 5.19000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.19 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>16.993 MHz</td> <td>Total Power</td> <td>19.2 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>10.524 MHz</td> <td>OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>24.81 MHz</td> <td>x dB</td> <td>-26.00 dB</td> </tr> </table>	Occupied Bandwidth	16.993 MHz	Total Power	19.2 dBm	Transmit Freq Error	10.524 MHz	OBW Power	99.00 %	x dB Bandwidth	24.81 MHz	x dB	-26.00 dB
Occupied Bandwidth	17.729 MHz	Total Power	18.5 dBm																								
Transmit Freq Error	10.195 MHz	OBW Power	99.00 %																								
x dB Bandwidth	19.30 MHz	x dB	-26.00 dB																								
Occupied Bandwidth	16.993 MHz	Total Power	19.2 dBm																								
Transmit Freq Error	10.524 MHz	OBW Power	99.00 %																								
x dB Bandwidth	24.81 MHz	x dB	-26.00 dB																								

Ch	T/O	Antenna 1	Antenna 2
242/61		<p>Center Freq: 5.19000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.19 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 19.285 MHz Total Power 19.3 dBm Transmit Freq Error -9.2298 MHz OBW Power 99.00 % x dB Bandwidth 30.14 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.19000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.19 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 19.292 MHz Total Power 20.0 dBm Transmit Freq Error -9.2820 MHz OBW Power 99.00 % x dB Bandwidth 28.15 MHz x dB -26.00 dB</p>
Low	242/62	<p>Center Freq: 5.19000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.19 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 19.491 MHz Total Power 19.1 dBm Transmit Freq Error 9.2780 MHz OBW Power 99.00 % x dB Bandwidth 30.98 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.19000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.19 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 19.468 MHz Total Power 19.7 dBm Transmit Freq Error 9.1837 MHz OBW Power 99.00 % x dB Bandwidth 29.60 MHz x dB -26.00 dB</p>
	SU	<p>Center Freq: 5.19000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.19 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 37.540 MHz Total Power 19.6 dBm Transmit Freq Error 10.992 kHz OBW Power 99.00 % x dB Bandwidth 40.01 MHz x dB -26.00 dB</p>	<p>Center Freq: 5.19000000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS</p> <p>Ref 30.00 dBm</p> <p>Center 5.19 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.333 ms</p> <p>Occupied Bandwidth 37.581 MHz Total Power 20.6 dBm Transmit Freq Error 60.139 kHz OBW Power 99.00 % x dB Bandwidth 39.93 MHz x dB -26.00 dB</p>

Ch	T/O	Antenna 1	Antenna 2
High	26/0	<p>Center Freq: 5.23000000 GHz Res BW: 390 kHz Span: 80 MHz Occupied Bandwidth: 15.984 MHz Total Power: 15.7 dBm Transmit Freq Error: -11.191 MHz x dB Bandwidth: 19.58 MHz</p>	<p>Center Freq: 5.23000000 GHz Res BW: 390 kHz Span: 80 MHz Occupied Bandwidth: 17.732 MHz Total Power: 15.7 dBm Transmit Freq Error: -10.301 MHz x dB Bandwidth: 18.68 MHz</p>
	26/9	<p>Center Freq: 5.23000000 GHz Res BW: 390 kHz Span: 80 MHz Occupied Bandwidth: 19.133 MHz Total Power: 16.3 dBm Transmit Freq Error: 7.3427 MHz x dB Bandwidth: 23.31 MHz</p>	<p>Center Freq: 5.23000000 GHz Res BW: 390 kHz Span: 80 MHz Occupied Bandwidth: 20.354 MHz Total Power: 15.2 dBm Transmit Freq Error: 8.1378 MHz x dB Bandwidth: 23.17 MHz</p>
	26/17	<p>Center Freq: 5.23000000 GHz Res BW: 390 kHz Span: 80 MHz Occupied Bandwidth: 18.045 MHz Total Power: 15.3 dBm Transmit Freq Error: 10.322 MHz x dB Bandwidth: 19.62 MHz</p>	<p>Center Freq: 5.23000000 GHz Res BW: 390 kHz Span: 80 MHz Occupied Bandwidth: 17.892 MHz Total Power: 16.0 dBm Transmit Freq Error: 10.387 MHz x dB Bandwidth: 20.14 MHz</p>