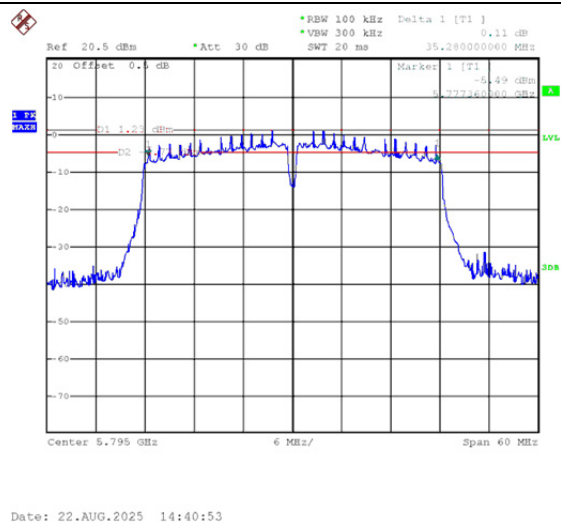
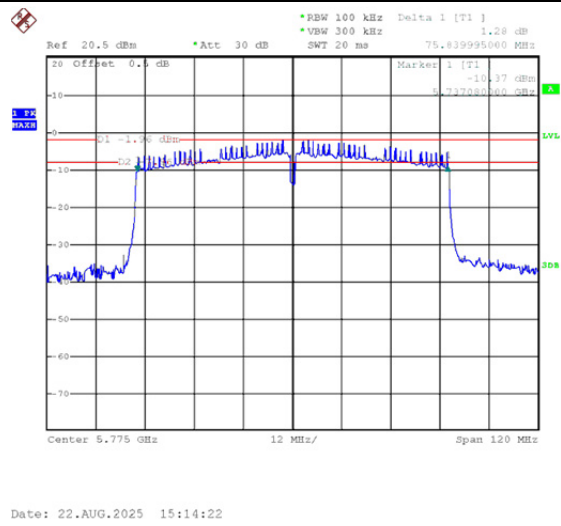


802.11ac-VHT40-High



802.11ac-VHT80-Low



APPENDIX C

Maximum Conducted Output Power

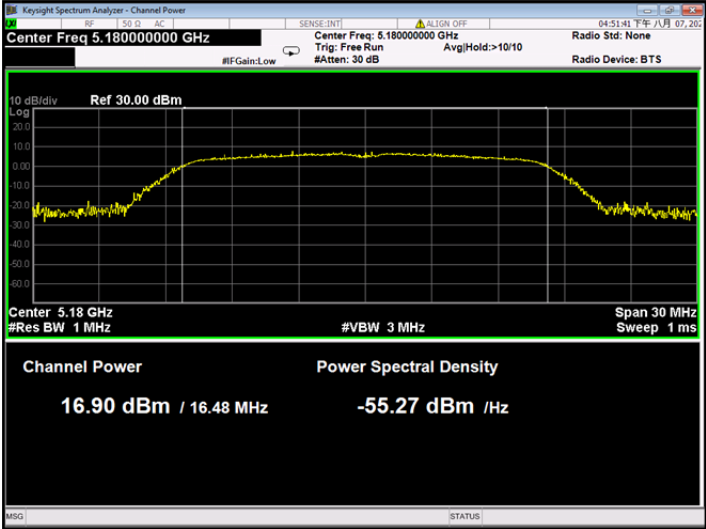
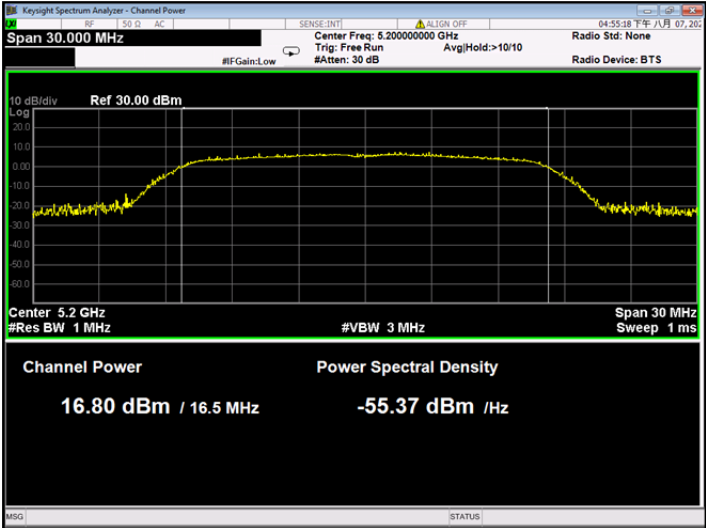
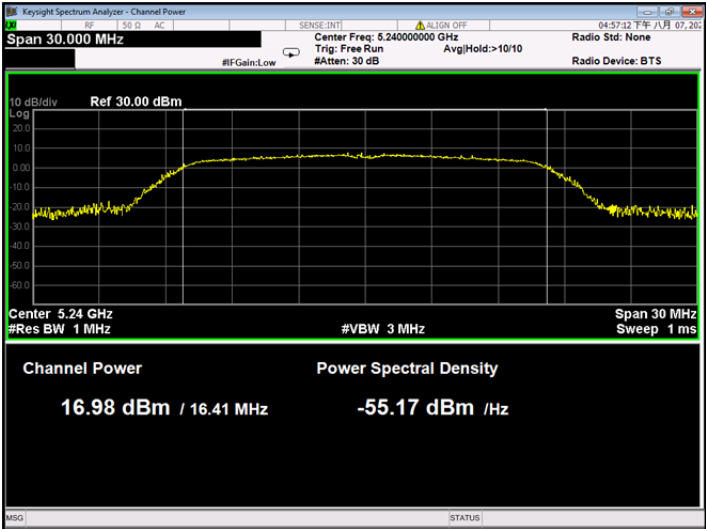
U-NII-1:5150-5250MHz					
Test mode	Frequency MHz	Measurements dBm	Duty Cycle Factor dB	Output Power dBm	Limit dBm
802.11a	5180	16.90	0.18	17.08	23.98
	5200	16.80	0.18	16.98	23.98
	5240	16.98	0.18	17.16	23.98
802.11n-HT20	5180	16.69	0.20	16.89	23.98
	5200	16.50	0.20	16.70	23.98
	5240	16.61	0.20	16.81	23.98
802.11n-HT40	5190	16.51	0.32	16.83	23.98
	5230	16.43	0.32	16.75	23.98
802.11ac-VHT20	5180	16.54	0.20	16.74	23.98
	5200	16.29	0.20	16.49	23.98
	5240	16.84	0.20	17.04	23.98
802.11ac-VHT40	5190	16.45	0.32	16.77	23.98
	5230	16.35	0.32	16.67	23.98
802.11ac-VHT80	5210	16.94	0.56	17.50	23.98

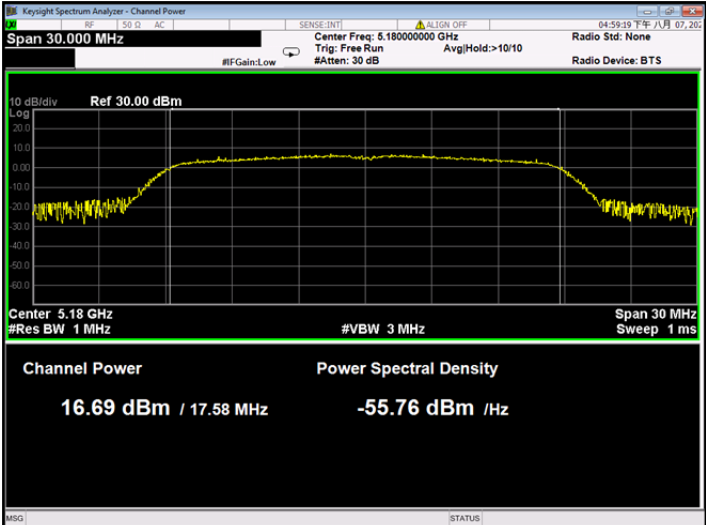
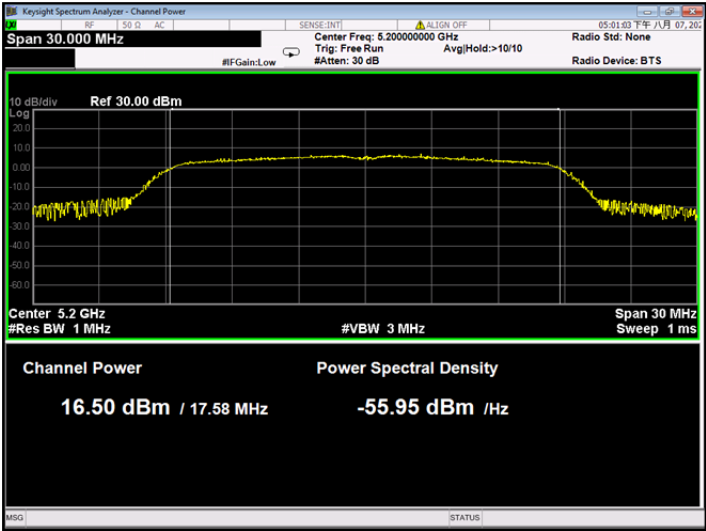
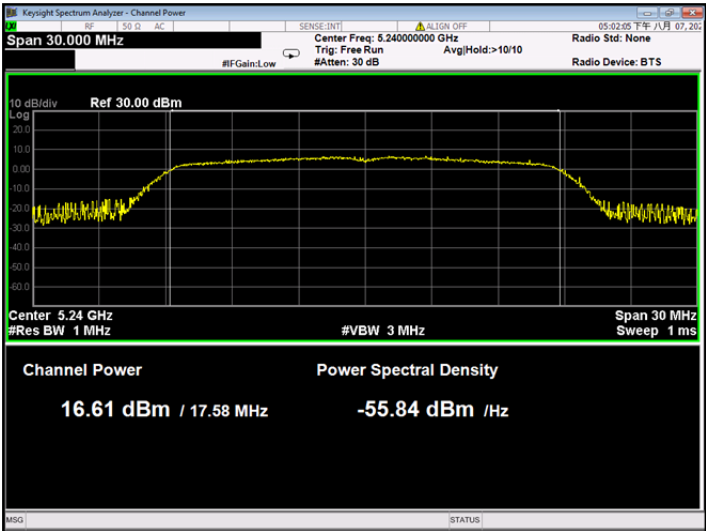
U-NII-2A: 5250-5350MHz					
Test mode	Frequency MHz	Measurements dBm	Duty Cycle Factor dB	Output Power dBm	Limit dBm
802.11a	5260	16.82	0.18	17.00	23.98
	5280	16.95	0.18	17.13	23.98
	5320	16.75	0.18	16.93	23.98
802.11n-HT20	5260	16.64	0.16	16.80	23.98
	5280	16.59	0.16	16.75	23.98
	5320	16.78	0.16	16.94	23.98
802.11n-HT40	5270	17.04	0.32	17.36	23.98
	5310	16.67	0.32	16.99	23.98
802.11ac-VHT20	5260	16.54	0.19	16.73	23.98
	5280	16.64	0.19	16.83	23.98
	5320	17.00	0.19	17.19	23.98
802.11ac-VHT40	5270	16.87	0.32	17.19	23.98
	5310	16.77	0.32	17.09	23.98
802.11ac-VHT80	5290	17.10	0.63	17.73	23.98

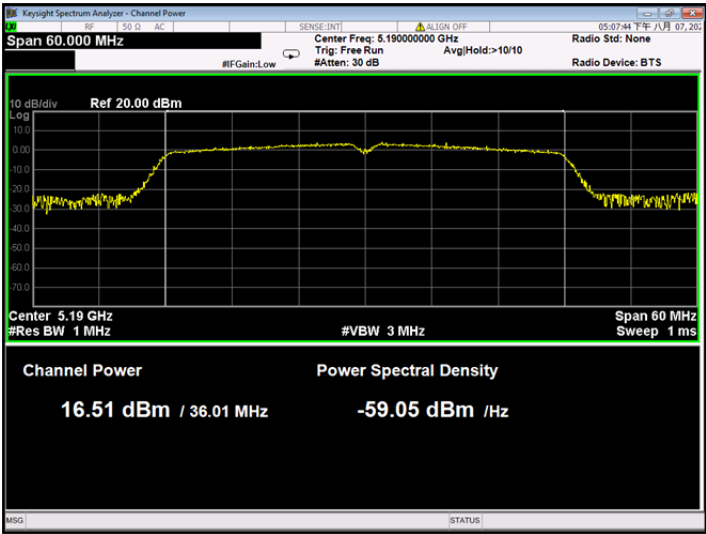
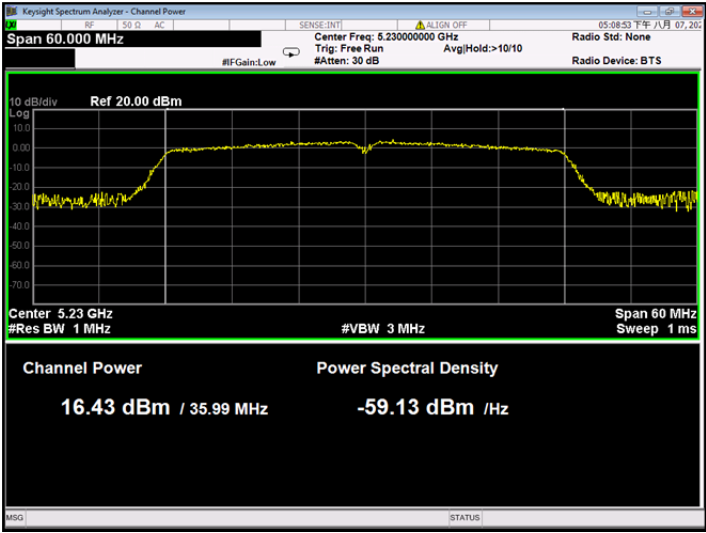
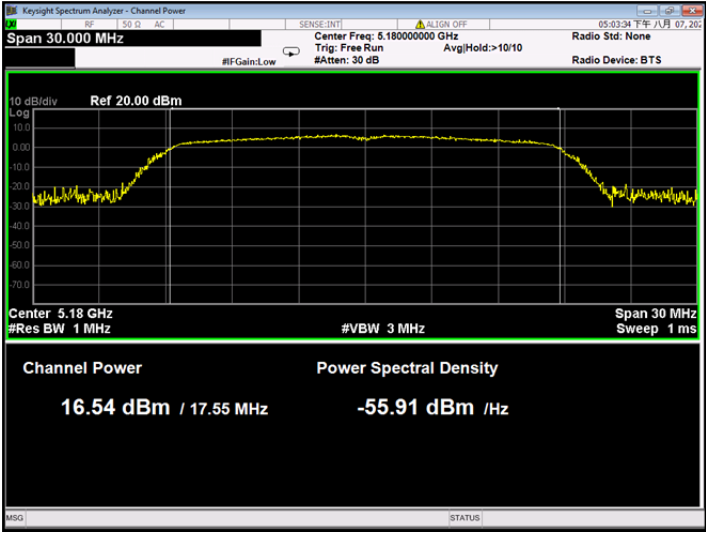
U-NII-2C: 5470-5725MHz					
Test mode	Frequency MHz	Measurements dBm	Duty Cycle Factor dB	Output Power dBm	Limit dBm
802.11a	5500	18.46	0.21	18.67	23.98
	5580	17.30	0.21	17.51	23.98
	5700	16.58	0.21	16.79	23.98
802.11n-HT20	5500	18.01	0.20	18.21	23.98
	5580	17.42	0.20	17.62	23.98
	5700	16.27	0.20	16.47	23.98
802.11n-HT40	5510	17.44	0.32	17.76	23.98
	5550	17.56	0.32	17.88	23.98
	5670	16.52	0.32	16.84	23.98
802.11ac-VHT20	5500	18.10	0.20	18.30	23.98
	5580	17.08	0.20	17.28	23.98
	5700	15.69	0.20	15.89	23.98
802.11ac-VHT40	5510	17.97	0.35	18.32	23.98
	5550	17.35	0.35	17.70	23.98
	5670	16.17	0.35	16.52	23.98
802.11ac-VHT80	5530	18.00	0.64	18.64	23.98
	5610	17.63	0.64	18.27	23.98

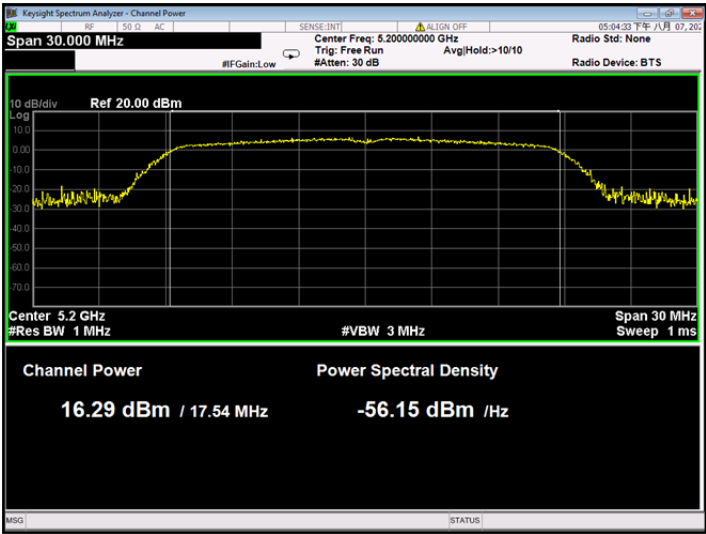
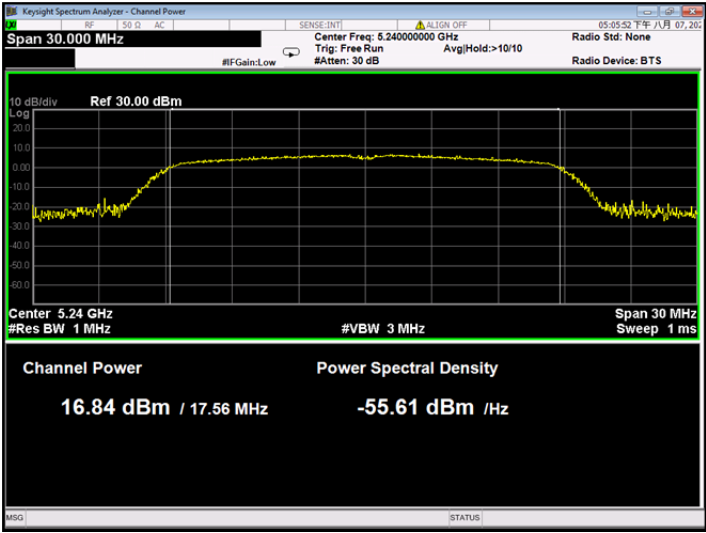
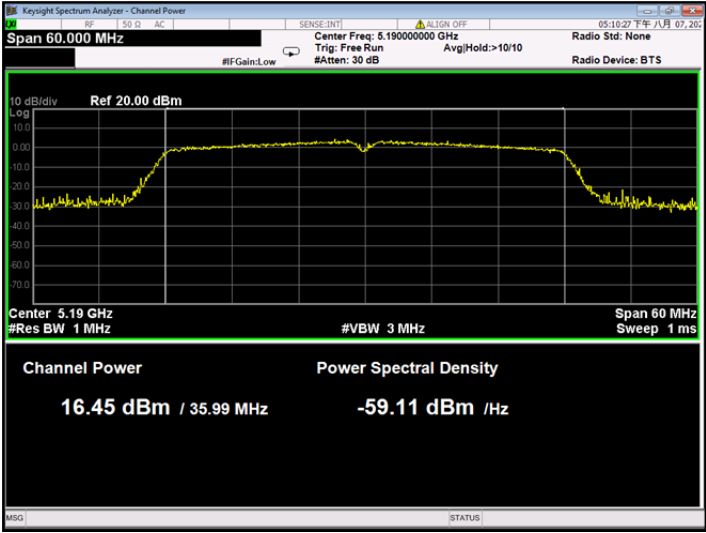
U-NII-3: 5725-5850MHz					
Test mode	Frequency MHz	Measurements dBm	Duty Cycle Factor dB	Output Power dBm	Limit dBm
802.11a	5745	17.38	0.19	17.57	30.00
	5785	17.50	0.19	17.69	30.00
	5825	17.50	0.19	17.69	30.00
802.11n-HT20	5745	17.11	0.20	17.31	30.00
	5785	17.49	0.20	17.69	30.00
	5825	17.47	0.20	17.67	30.00
802.11n-HT40	5755	17.36	0.33	17.69	30.00
	5795	17.43	0.33	17.76	30.00
802.11ac-VHT20	5745	16.77	0.23	17.00	30.00
	5785	17.39	0.23	17.62	30.00
	5825	17.41	0.23	17.64	30.00
802.11ac-VHT40	5755	17.16	0.32	17.48	30.00
	5795	17.48	0.32	17.80	30.00
802.11ac-VHT80	5775	17.80	0.19	17.99	30.00

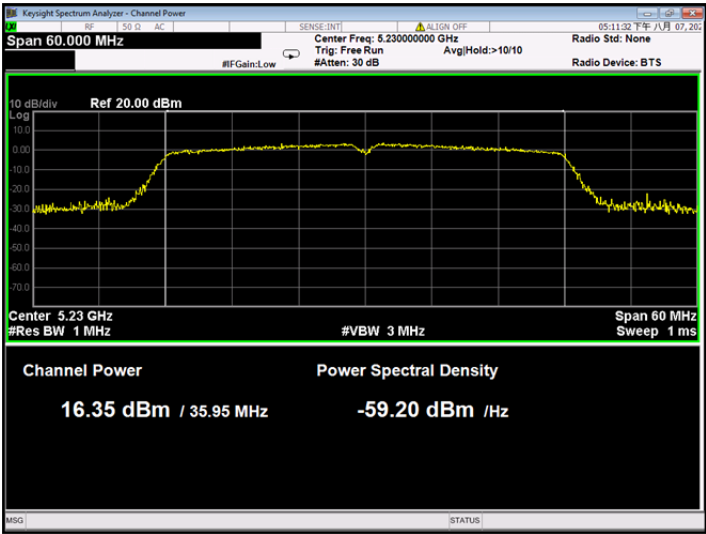
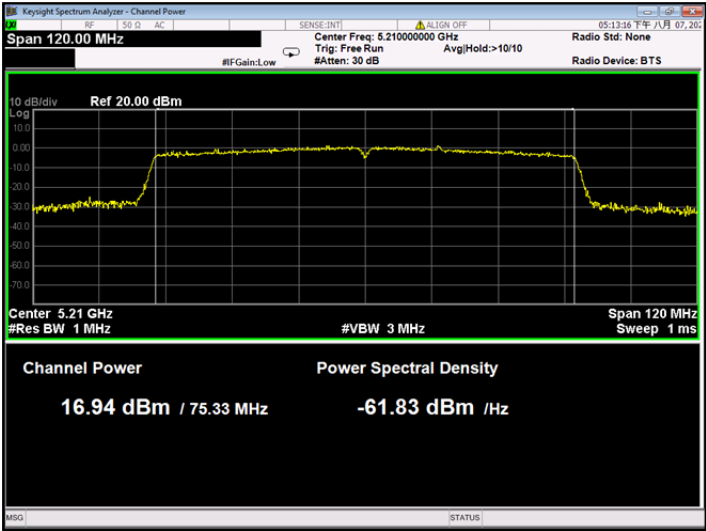
5150-5250MHz

802.11a-Low	 KeySight Spectrum Analyzer - Channel Power Center Freq 5.18000000 GHz Center Freq: 5.18000000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 30.00 dBm 10 dB/div Log Center 5.18 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power Power Spectral Density 16.90 dBm / 16.48 MHz -55.27 dBm /Hz
802.11a-Middle	 KeySight Spectrum Analyzer - Channel Power Span 30.000 MHz Center Freq: 5.20000000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 30.00 dBm 10 dB/div Log Center 5.2 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power Power Spectral Density 16.80 dBm / 16.5 MHz -55.37 dBm /Hz
802.11a-High	 KeySight Spectrum Analyzer - Channel Power Span 30.000 MHz Center Freq: 5.24000000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 30.00 dBm 10 dB/div Log Center 5.24 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power Power Spectral Density 16.98 dBm / 16.41 MHz -55.17 dBm /Hz

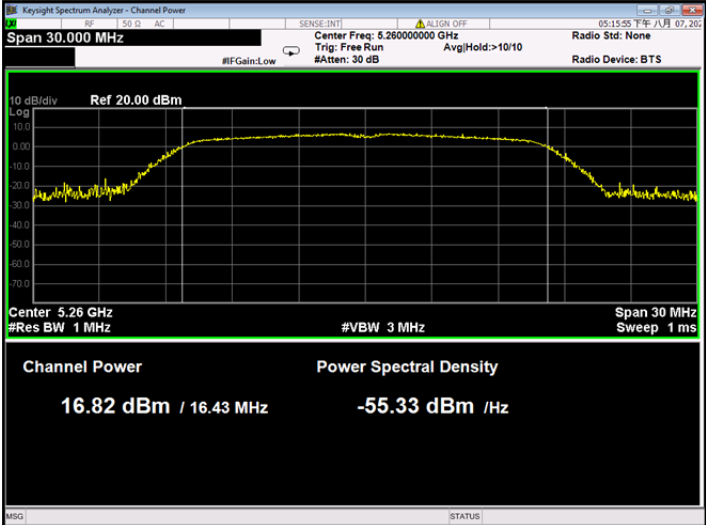
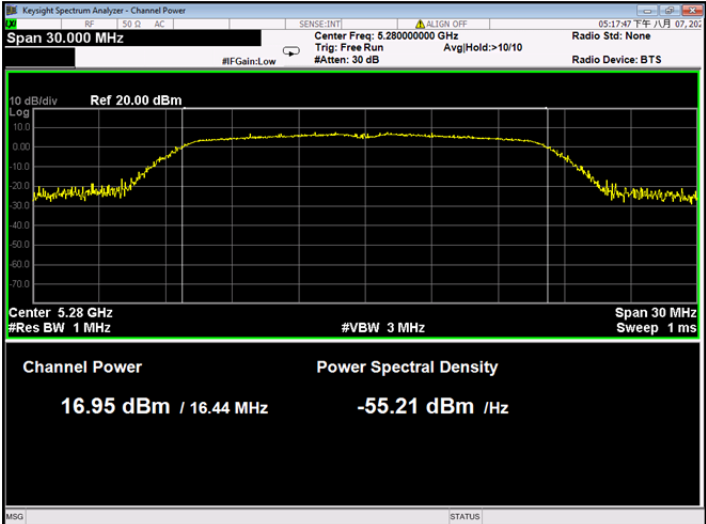
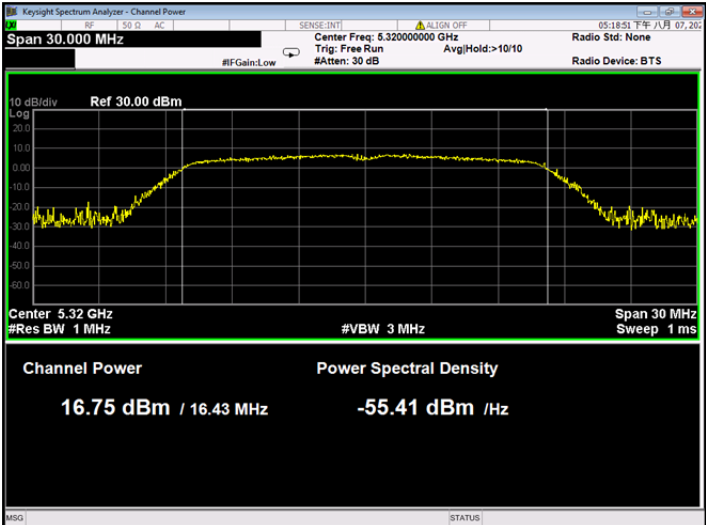
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802.11n-HT20-Middle	
802.11n-HT20-High	

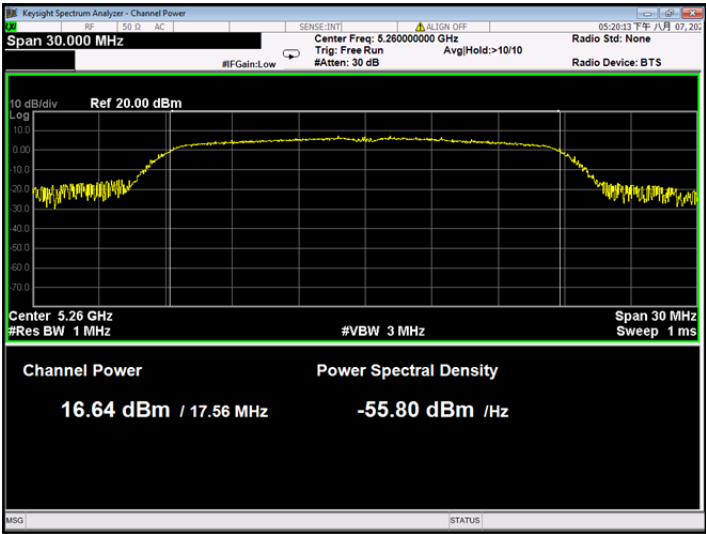
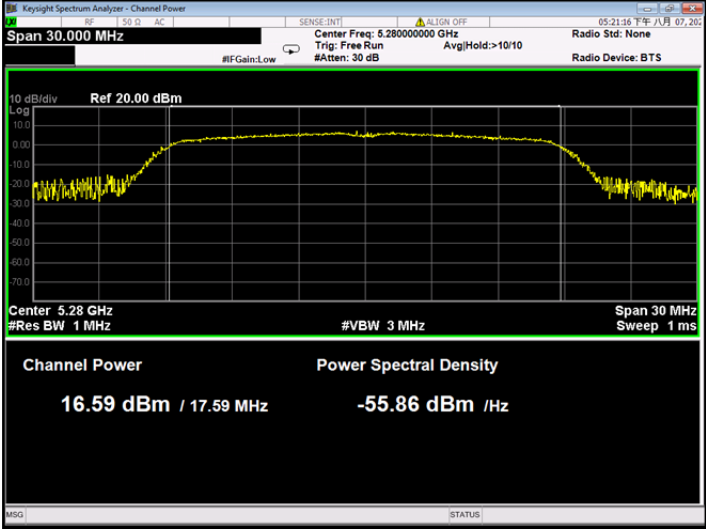
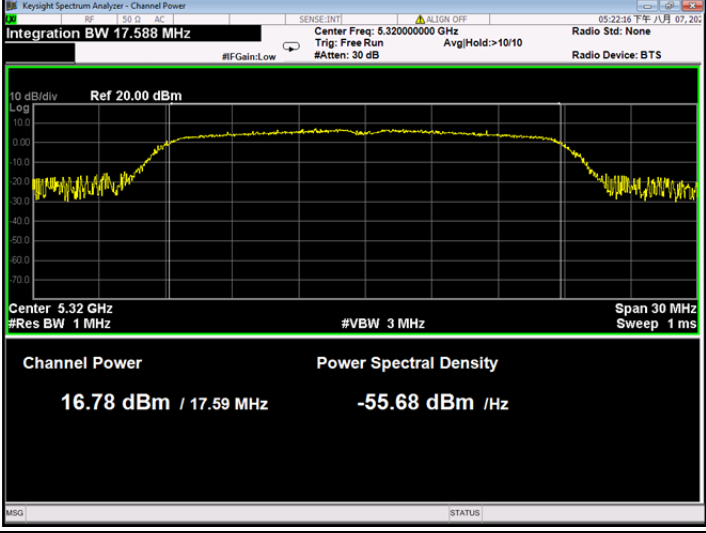
802.11n-HT40-Low	 KeySight Spectrum Analyzer - Channel Power Span 60.000 MHz Center Freq: 5.190000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.19 GHz #Res BW 1 MHz #VBW 3 MHz Span 60 MHz Sweep 1 ms Channel Power Power Spectral Density 16.51 dBm / 36.01 MHz -59.05 dBm / Hz MSG STATUS
802.11n-HT40-High	 KeySight Spectrum Analyzer - Channel Power Span 60.000 MHz Center Freq: 5.230000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.23 GHz #Res BW 1 MHz #VBW 3 MHz Span 60 MHz Sweep 1 ms Channel Power Power Spectral Density 16.43 dBm / 35.99 MHz -59.13 dBm / Hz MSG STATUS
802.11ac-VHT20-Low	 KeySight Spectrum Analyzer - Channel Power Span 30.000 MHz Center Freq: 5.180000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.18 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power Power Spectral Density 16.54 dBm / 17.55 MHz -55.91 dBm / Hz MSG STATUS

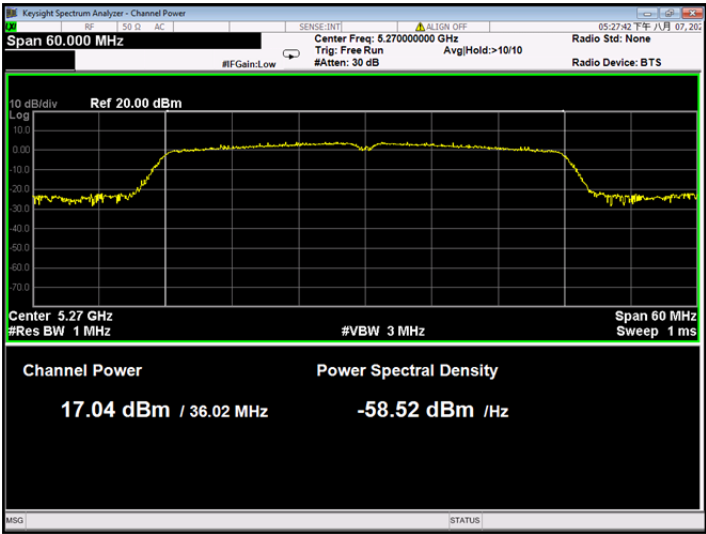
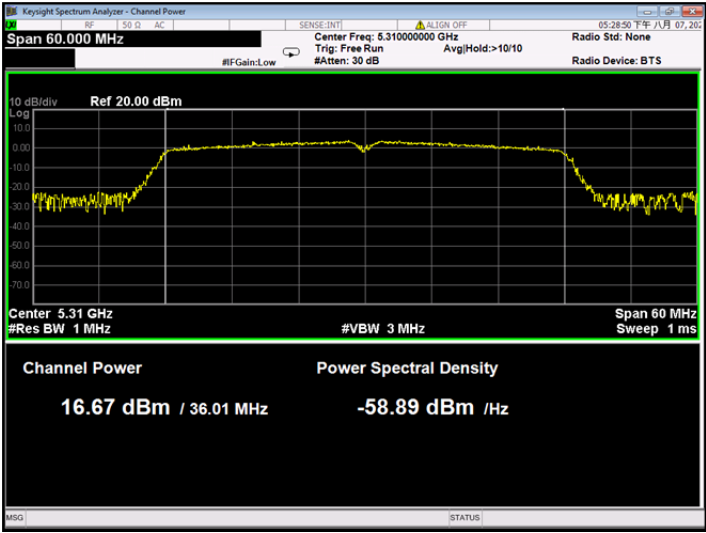
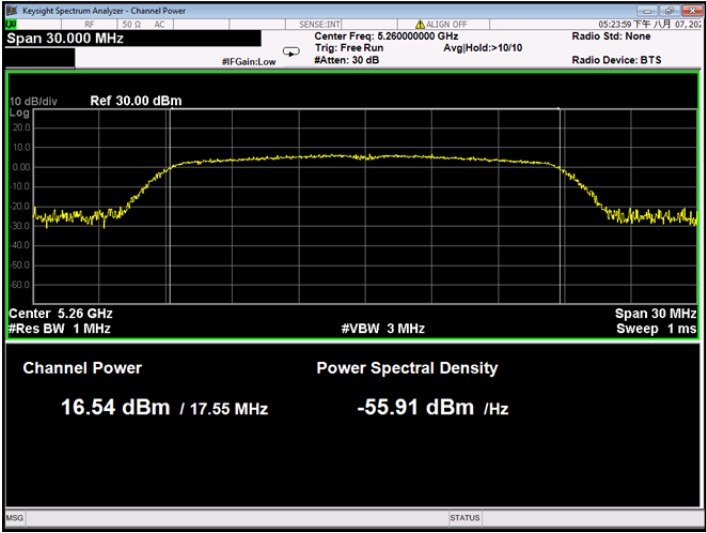
802.11ac-VHT20-Middle	
802.11ac-VHT20-High	
802.11ac-VHT40-Low	

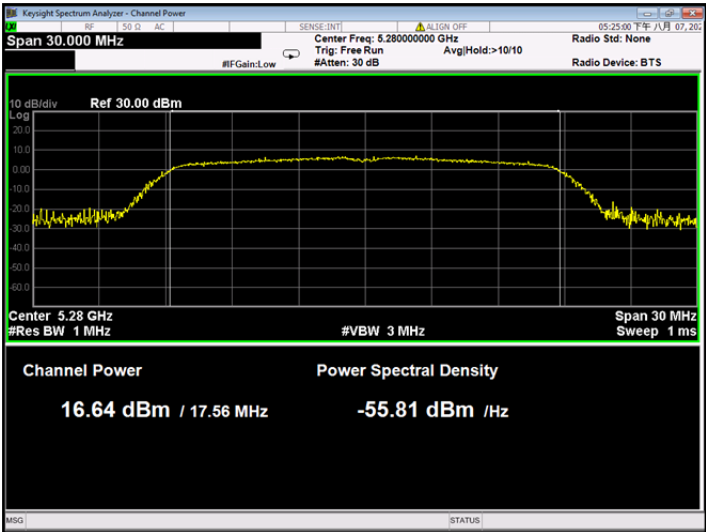
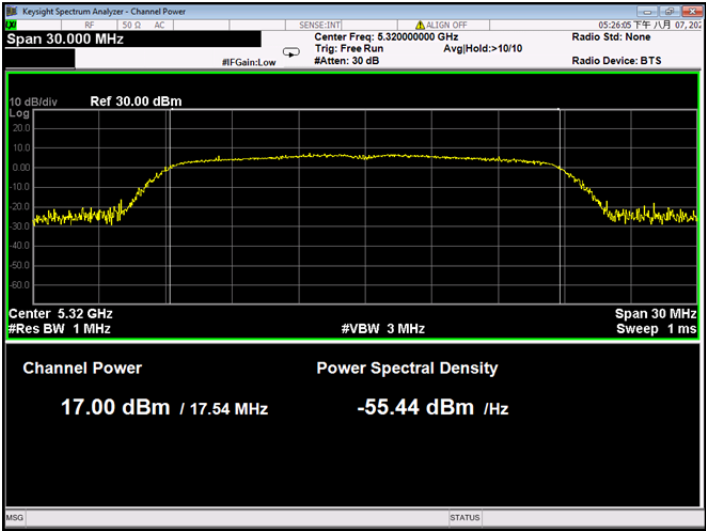
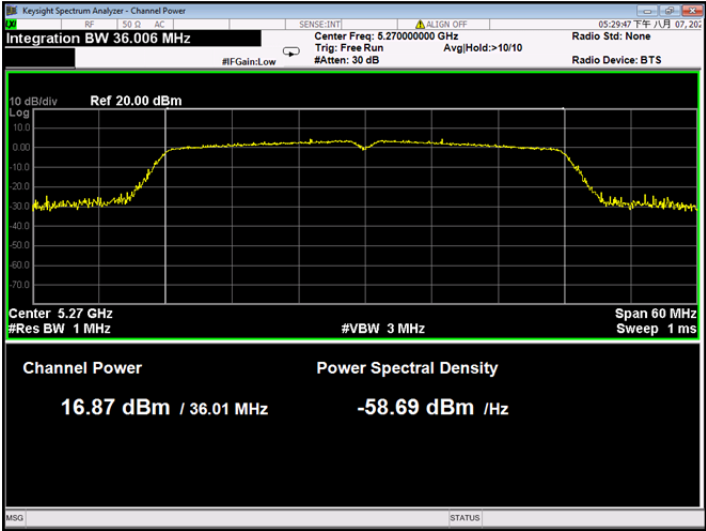
802.11ac-VHT40-High	 Keylight Spectrum Analyzer - Channel Power Span 60.00 MHz Center Freq: 5.23000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.23 GHz #Res BW 1 MHz #VBW 3 MHz Span 60 MHz Sweep 1 ms Channel Power Power Spectral Density 16.35 dBm / 35.95 MHz -59.20 dBm / Hz MSG STATUS
802.11ac-VHT80-Low	 Keylight Spectrum Analyzer - Channel Power Span 120.00 MHz Center Freq: 5.21000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.21 GHz #Res BW 1 MHz #VBW 3 MHz Span 120 MHz Sweep 1 ms Channel Power Power Spectral Density 16.94 dBm / 75.33 MHz -61.83 dBm / Hz MSG STATUS

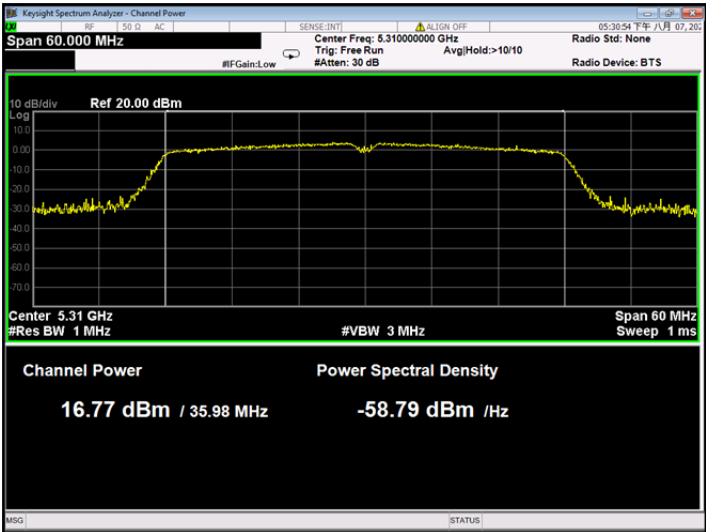
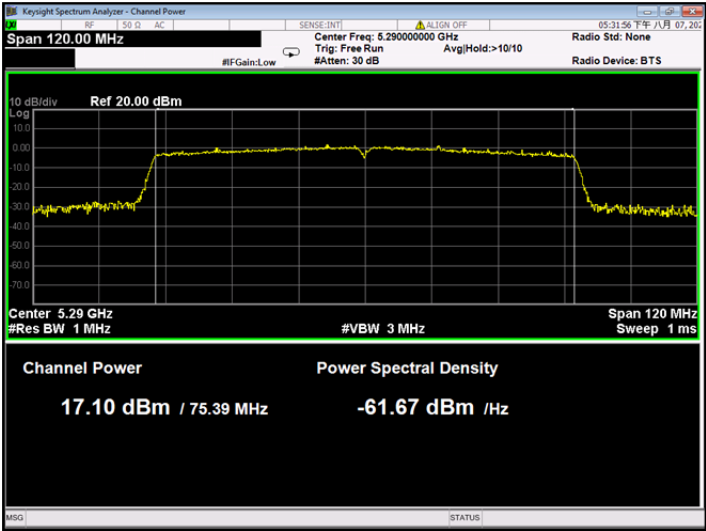
5250-5350MHz

802.11a-Low	 KeySight Spectrum Analyzer - Channel Power Span 30.000 MHz Center Freq: 5.260000000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.26 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power Power Spectral Density 16.82 dBm / 16.43 MHz -55.33 dBm / Hz
802.11a-Middle	 KeySight Spectrum Analyzer - Channel Power Span 30.000 MHz Center Freq: 5.280000000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.28 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power Power Spectral Density 16.95 dBm / 16.44 MHz -55.21 dBm / Hz
802.11a-High	 KeySight Spectrum Analyzer - Channel Power Span 30.000 MHz Center Freq: 5.320000000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 30.00 dBm 10 dB/div Log Center 5.32 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power Power Spectral Density 16.75 dBm / 16.43 MHz -55.41 dBm / Hz

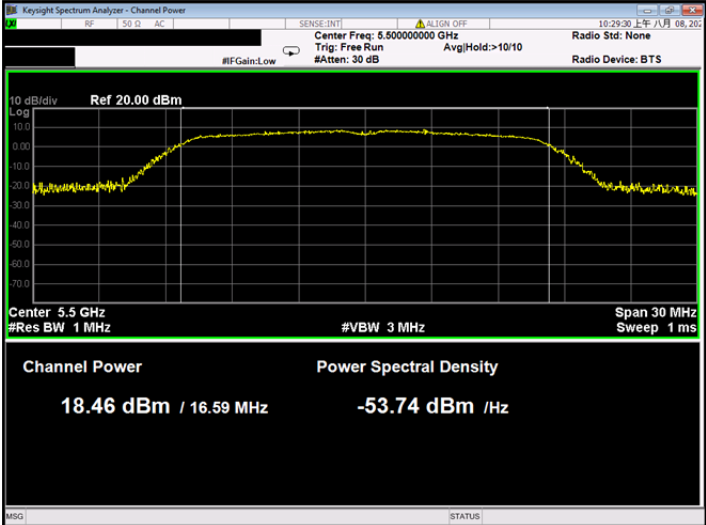
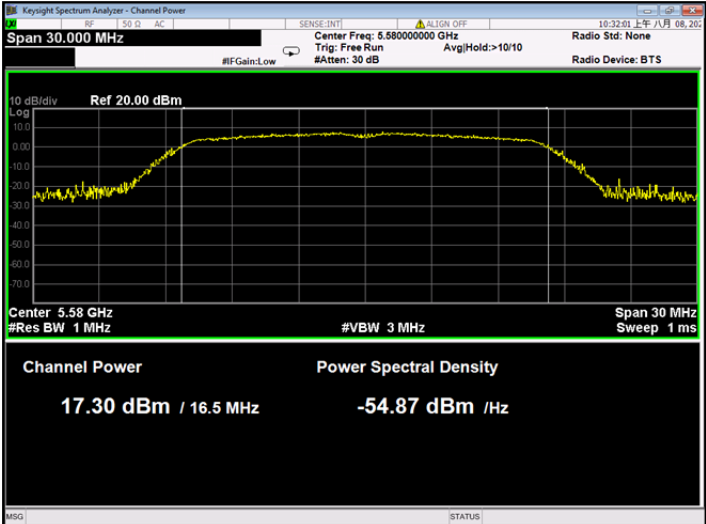
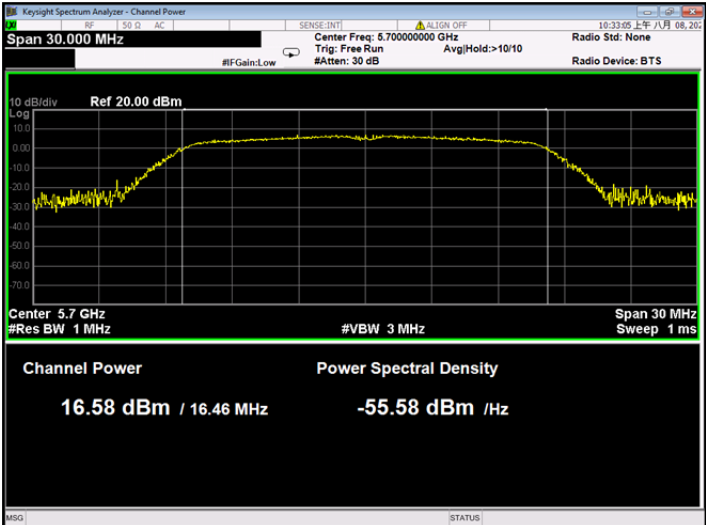
802.11n-HT20-Low	
802.11n-HT20-Middle	
802.11n-HT20-High	

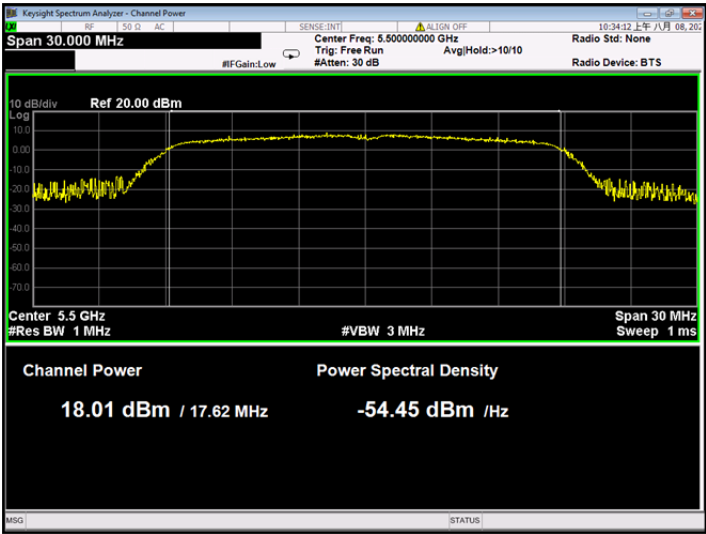
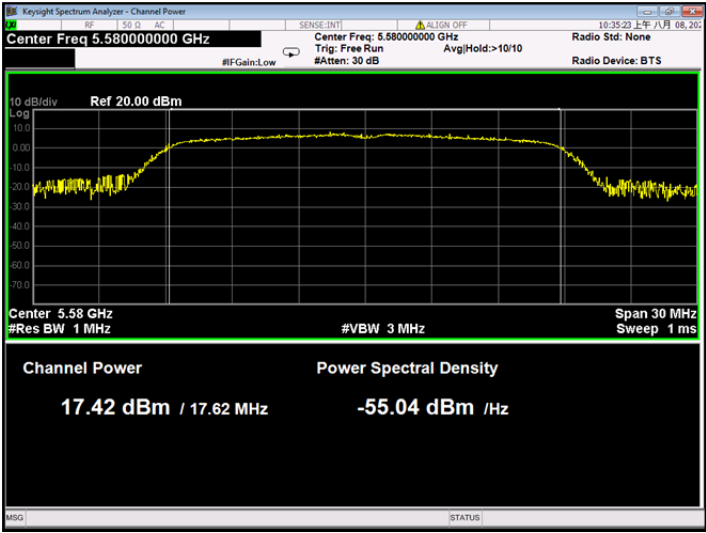
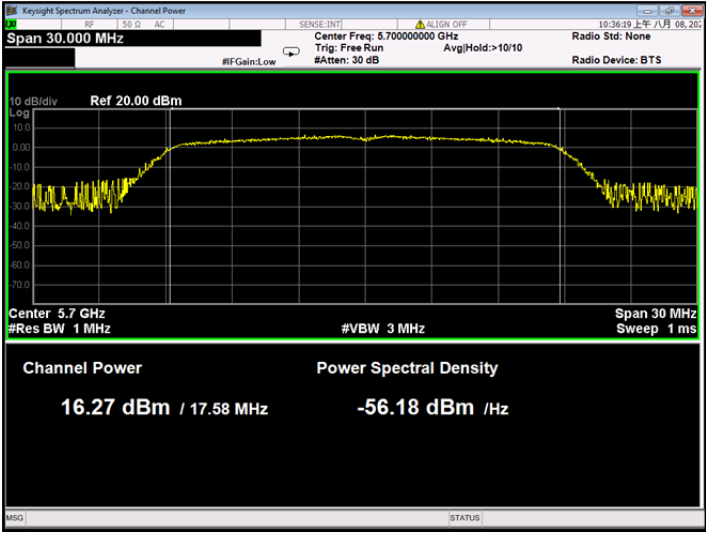
802.11n-HT40-Low	 Keylight Spectrum Analyzer - Channel Power Span 60.000 MHz Center Freq: 5.270000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.27 GHz #Res BW 1 MHz #VBW 3 MHz Span 60 MHz Sweep 1 ms Channel Power Power Spectral Density 17.04 dBm / 36.02 MHz -58.52 dBm /Hz MSG STATUS
802.11n-HT40-High	 Keylight Spectrum Analyzer - Channel Power Span 60.000 MHz Center Freq: 5.310000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.31 GHz #Res BW 1 MHz #VBW 3 MHz Span 60 MHz Sweep 1 ms Channel Power Power Spectral Density 16.67 dBm / 36.01 MHz -58.89 dBm /Hz MSG STATUS
802.11ac-VHT20-Low	 Keylight Spectrum Analyzer - Channel Power Span 30.000 MHz Center Freq: 5.260000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 30.00 dBm 10 dB/div Log Center 5.26 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power Power Spectral Density 16.54 dBm / 17.55 MHz -55.91 dBm /Hz MSG STATUS

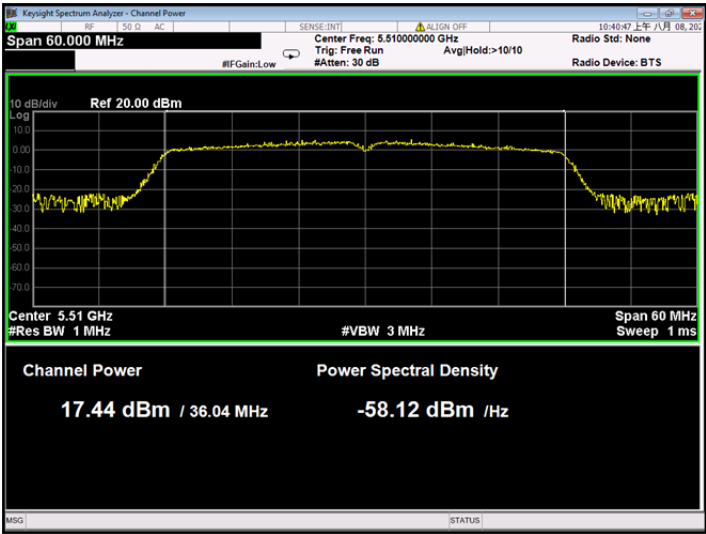
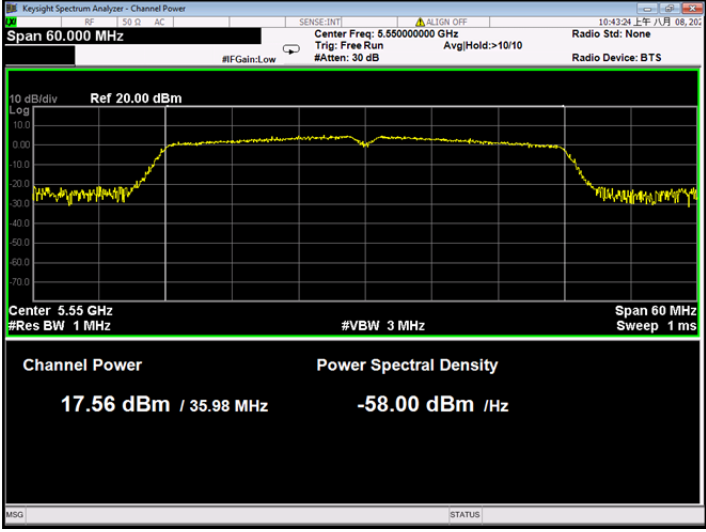
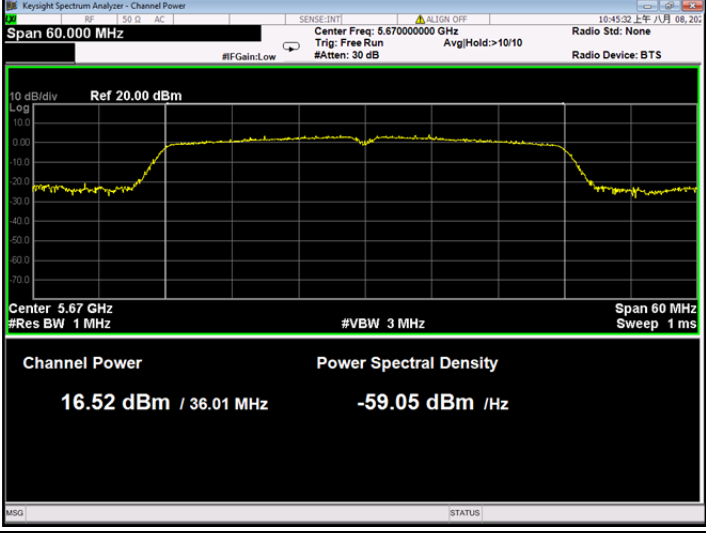
802.11ac-VHT20-Middle	 KeySight Spectrum Analyzer - Channel Power Span 30.000 MHz Center Freq: 5.28000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 30.00 dBm 10 dB/div Log Center 5.28 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power Power Spectral Density 16.64 dBm / 17.56 MHz -55.81 dBm / Hz
802.11ac-VHT20-High	 KeySight Spectrum Analyzer - Channel Power Span 30.000 MHz Center Freq: 5.32000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 30.00 dBm 10 dB/div Log Center 5.32 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power Power Spectral Density 17.00 dBm / 17.54 MHz -55.44 dBm / Hz
802.11ac-VHT40-Low	 KeySight Spectrum Analyzer - Channel Power Integration BW 36.006 MHz Center Freq: 5.27000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.27 GHz #Res BW 1 MHz #VBW 3 MHz Span 60 MHz Sweep 1 ms Channel Power Power Spectral Density 16.87 dBm / 36.01 MHz -58.69 dBm / Hz

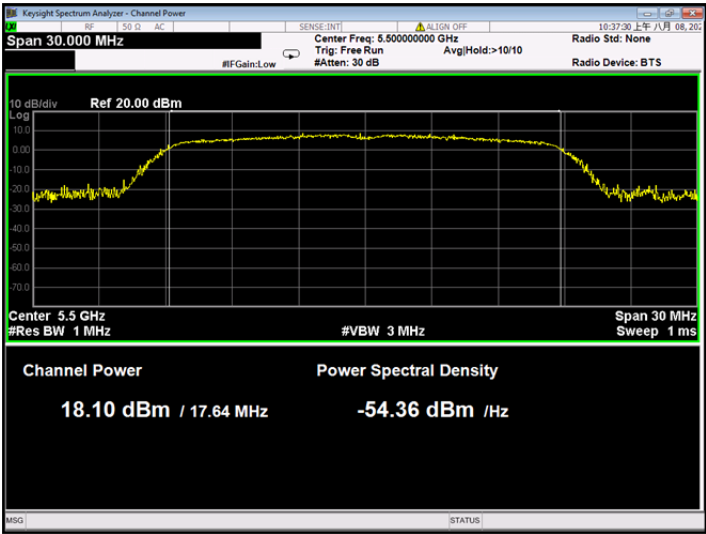
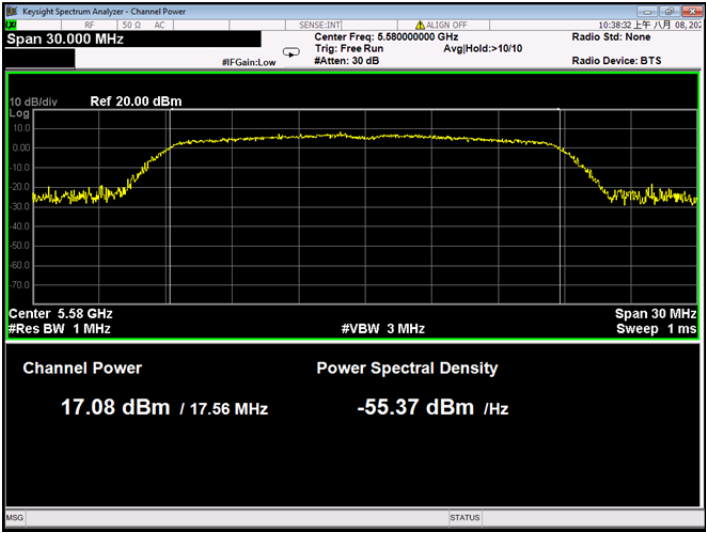
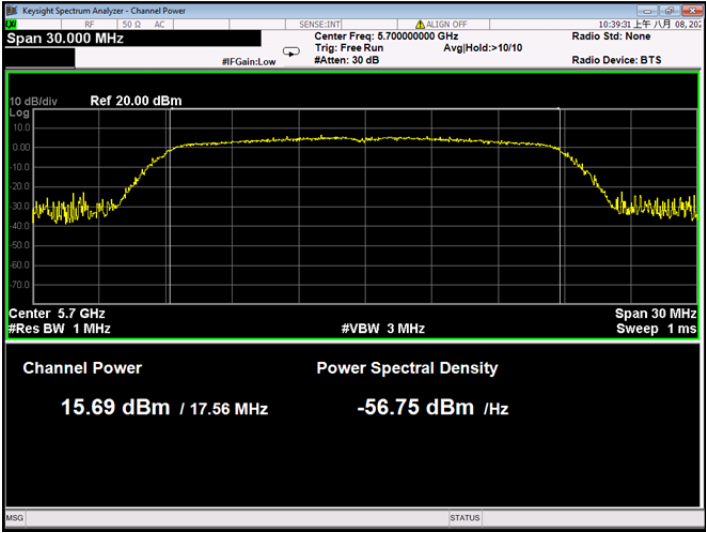
802.11ac-VHT40-High	
802.11ac-VHT80-Low	

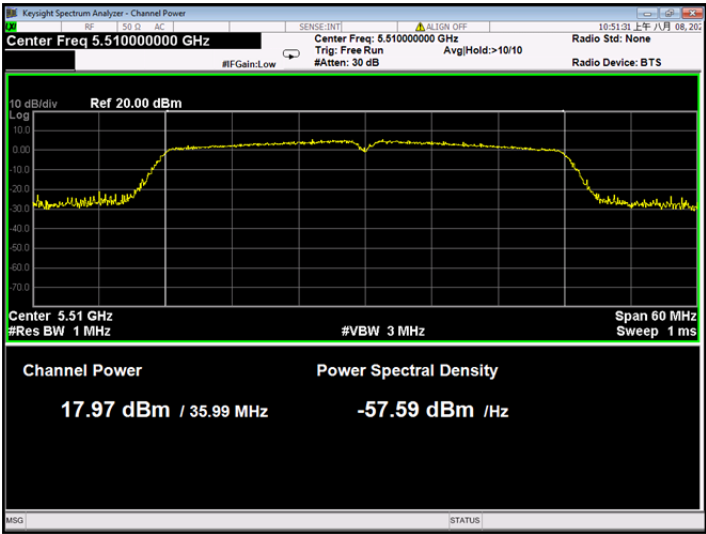
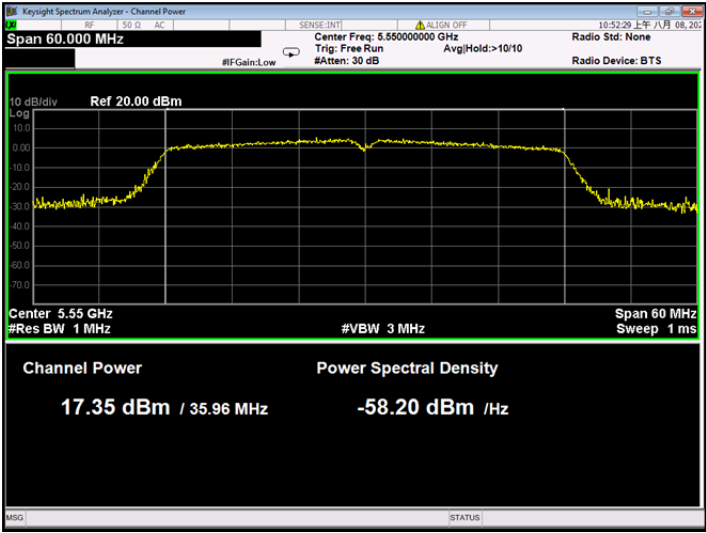
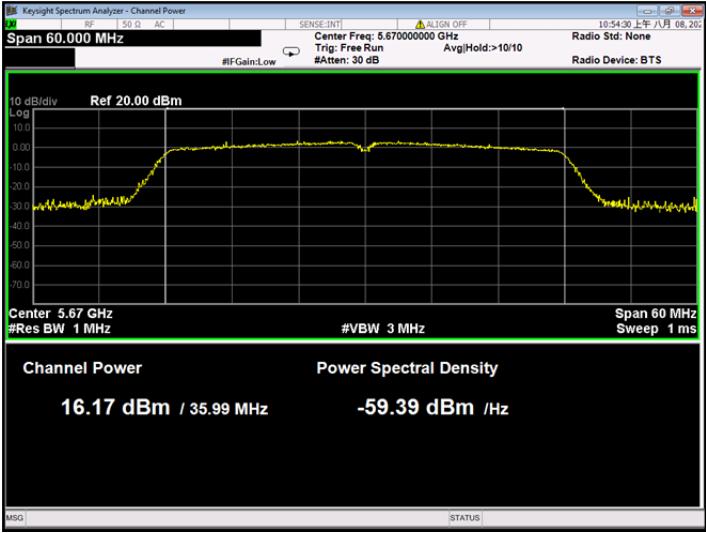
5470-5725MHz

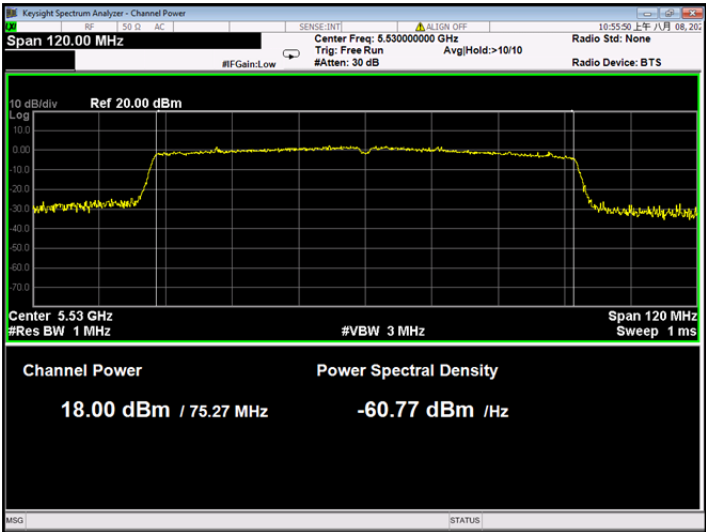
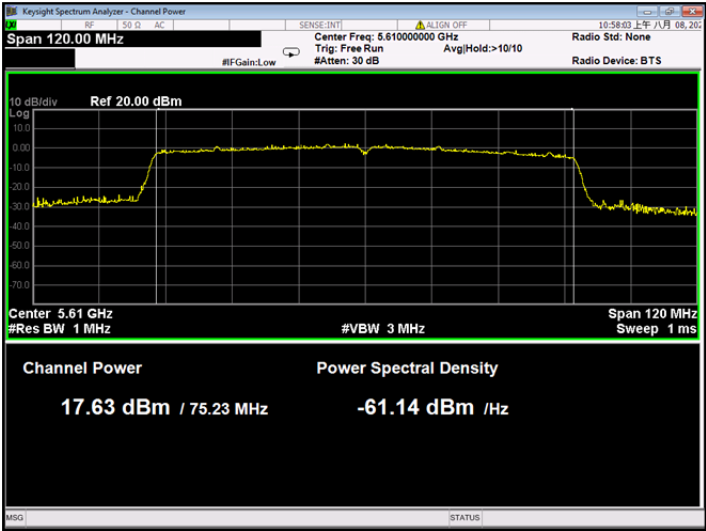
802.11a-Low	 KeySight Spectrum Analyzer - Channel Power Center Freq: 5.50000000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS 10 dB/div Log Ref 20.00 dBm Center 5.5 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power 18.46 dBm / 16.59 MHz Power Spectral Density -53.74 dBm / Hz
802.11a-Middle	 KeySight Spectrum Analyzer - Channel Power Center Freq: 5.58000000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS 10 dB/div Log Ref 20.00 dBm Center 5.58 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power 17.30 dBm / 16.5 MHz Power Spectral Density -54.87 dBm / Hz
802.11a-High	 KeySight Spectrum Analyzer - Channel Power Center Freq: 5.70000000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS 10 dB/div Log Ref 20.00 dBm Center 5.7 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power 16.58 dBm / 16.46 MHz Power Spectral Density -55.58 dBm / Hz

802.11n-HT20-Low	 Keylight Spectrum Analyzer - Channel Power Span 30.000 MHz Center Freq: 5.500000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.5 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power Power Spectral Density 18.01 dBm / 17.62 MHz -54.45 dBm /Hz MSG STATUS
802.11n-HT20-Middle	 Keylight Spectrum Analyzer - Channel Power Center Freq 5.580000000 GHz Center Freq: 5.580000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.58 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power Power Spectral Density 17.42 dBm / 17.62 MHz -55.04 dBm /Hz MSG STATUS
802.11n-HT20-High	 Keylight Spectrum Analyzer - Channel Power Span 30.000 MHz Center Freq: 5.700000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.7 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power Power Spectral Density 16.27 dBm / 17.58 MHz -56.18 dBm /Hz MSG STATUS

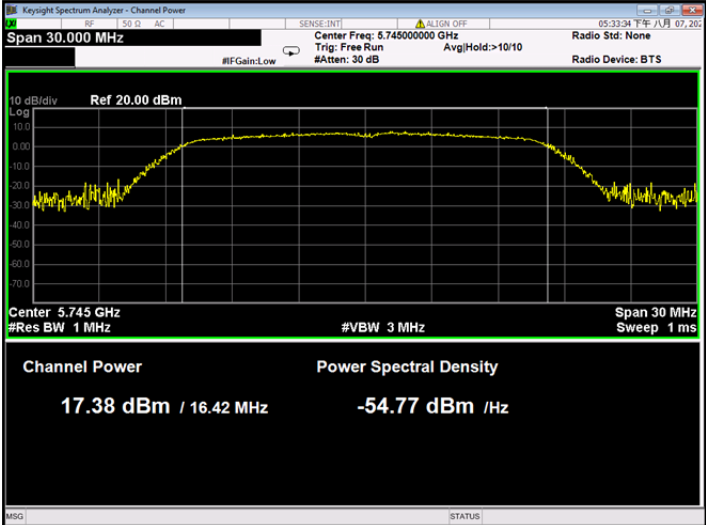
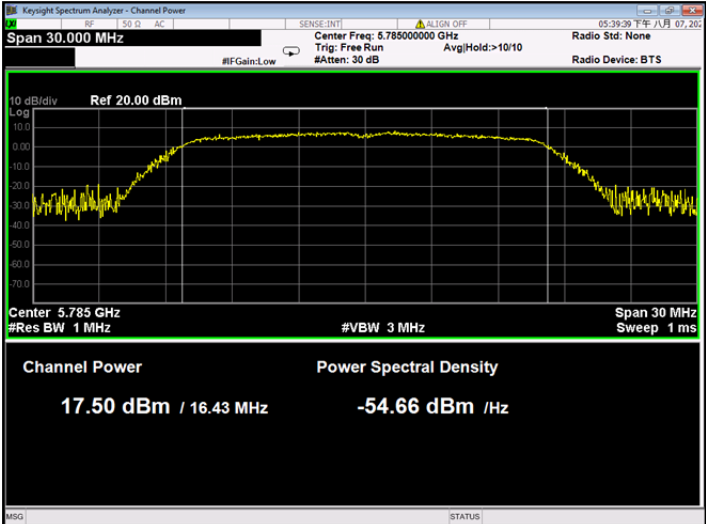
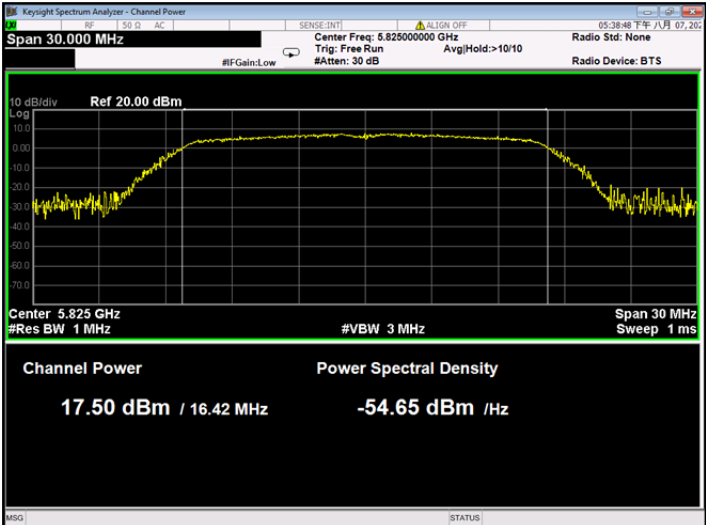
802.11n-HT40-Low	 Keylight Spectrum Analyzer - Channel Power Span 60.000 MHz Center Freq: 5.510000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.51 GHz #Res BW 1 MHz #VBW 3 MHz Span 60 MHz Sweep 1 ms Channel Power Power Spectral Density 17.44 dBm / 36.04 MHz -58.12 dBm /Hz MSG STATUS
802.11n-HT40-Middle	 Keylight Spectrum Analyzer - Channel Power Span 60.000 MHz Center Freq: 5.550000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.55 GHz #Res BW 1 MHz #VBW 3 MHz Span 60 MHz Sweep 1 ms Channel Power Power Spectral Density 17.56 dBm / 35.98 MHz -58.00 dBm /Hz MSG STATUS
802.11n-HT40-High	 Keylight Spectrum Analyzer - Channel Power Span 60.000 MHz Center Freq: 5.670000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.67 GHz #Res BW 1 MHz #VBW 3 MHz Span 60 MHz Sweep 1 ms Channel Power Power Spectral Density 16.52 dBm / 36.01 MHz -59.05 dBm /Hz MSG STATUS

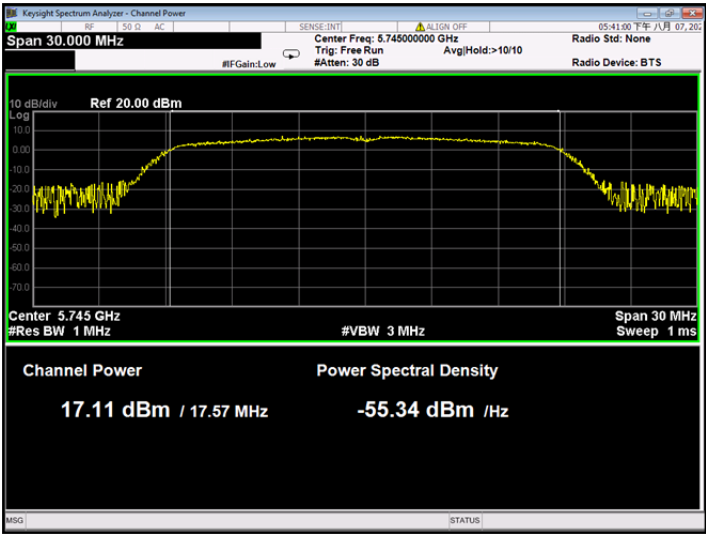
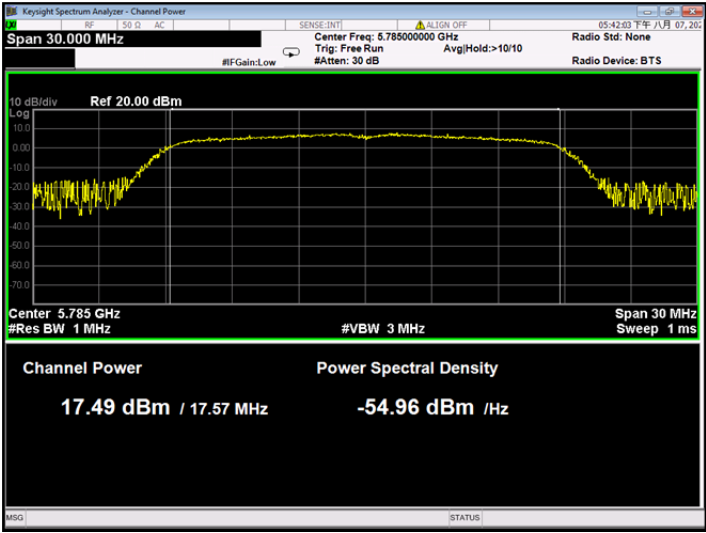
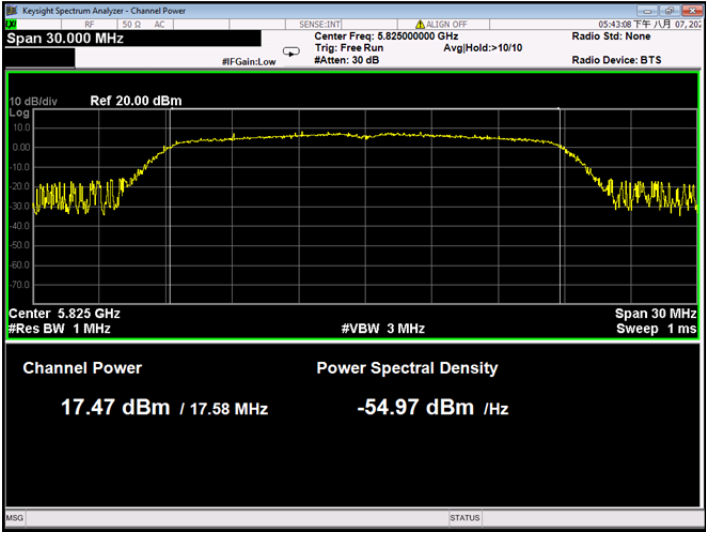
802.11ac-VHT20-Low	 Key features of the 802.11ac-VHT20-Low spectrum: - Center Freq: 5.50000000 GHz - Span: 30.000 MHz - Ref: 20.00 dBm - Channel Power: 18.10 dBm / 17.64 MHz - Power Spectral Density: -54.36 dBm /Hz #Res BW: 1 MHz #VBW: 3 MHz - Sweep: 1 ms
802.11ac-VHT20-Middle	 Key features of the 802.11ac-VHT20-Middle spectrum: - Center Freq: 5.58000000 GHz - Span: 30.000 MHz - Ref: 20.00 dBm - Channel Power: 17.08 dBm / 17.56 MHz - Power Spectral Density: -55.37 dBm /Hz #Res BW: 1 MHz #VBW: 3 MHz - Sweep: 1 ms
802.11ac-VHT20-High	 Key features of the 802.11ac-VHT20-High spectrum: - Center Freq: 5.70000000 GHz - Span: 30.000 MHz - Ref: 20.00 dBm - Channel Power: 15.69 dBm / 17.56 MHz - Power Spectral Density: -56.75 dBm /Hz #Res BW: 1 MHz #VBW: 3 MHz - Sweep: 1 ms

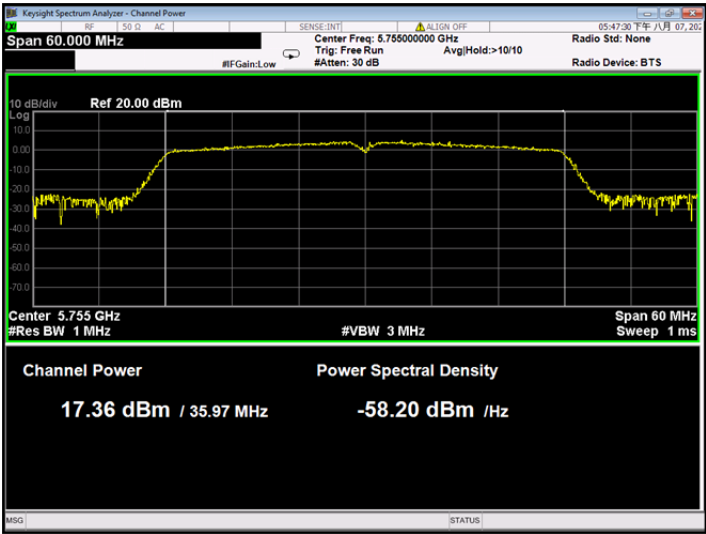
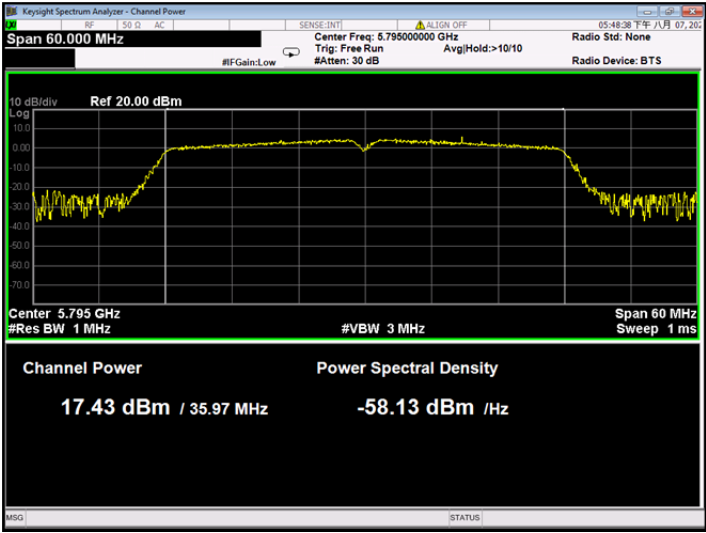
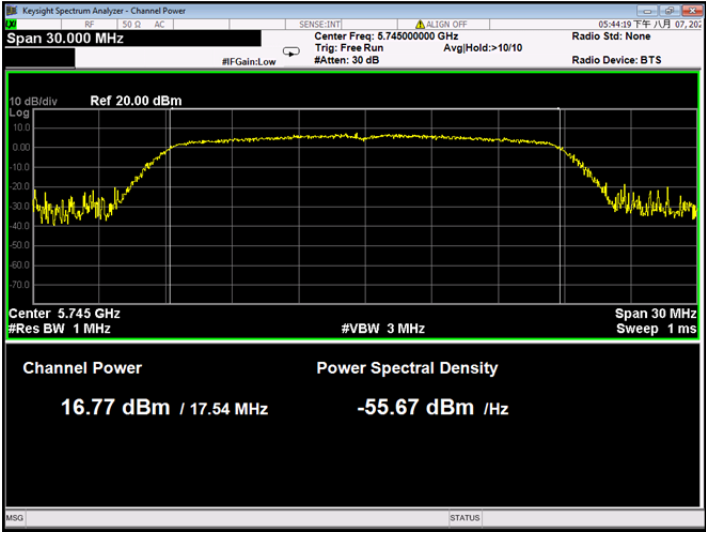
802.11ac-VHT40-Low	 KeySight Spectrum Analyzer - Channel Power Center Freq: 5.51000000 GHz Center Freq: 5.51000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center: 5.51 GHz #Res BW: 1 MHz #VBW: 3 MHz Span: 60 MHz Sweep: 1 ms Channel Power Power Spectral Density 17.97 dBm / 35.99 MHz -57.59 dBm / Hz MSG STATUS
802.11ac-VHT40-Middle	 KeySight Spectrum Analyzer - Channel Power Span: 60.000 MHz Center Freq: 5.55000000 GHz Center Freq: 5.55000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center: 5.55 GHz #Res BW: 1 MHz #VBW: 3 MHz Span: 60 MHz Sweep: 1 ms Channel Power Power Spectral Density 17.35 dBm / 35.96 MHz -58.20 dBm / Hz MSG STATUS
802.11ac-VHT40-High	 KeySight Spectrum Analyzer - Channel Power Span: 60.000 MHz Center Freq: 5.67000000 GHz Center Freq: 5.67000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center: 5.67 GHz #Res BW: 1 MHz #VBW: 3 MHz Span: 60 MHz Sweep: 1 ms Channel Power Power Spectral Density 16.17 dBm / 35.99 MHz -59.39 dBm / Hz MSG STATUS

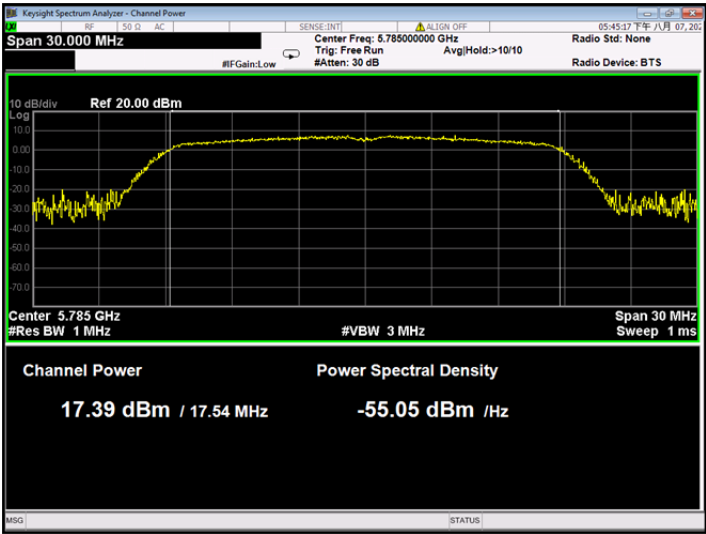
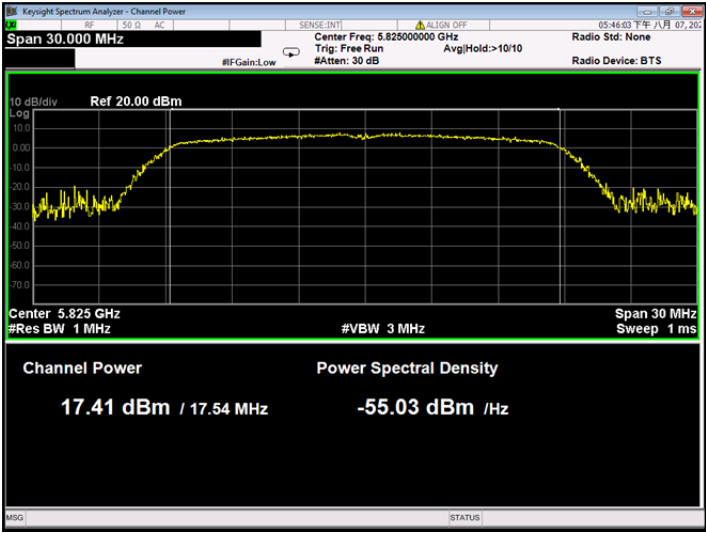
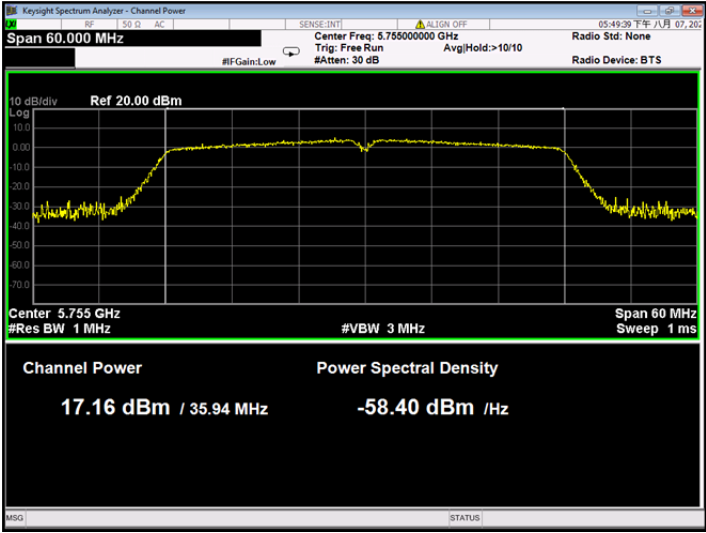
802.11ac-VHT80-Low	 Keylight Spectrum Analyzer - Channel Power Span 120.00 MHz Center Freq: 5.53000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.53 GHz #Res BW 1 MHz #VBW 3 MHz Span 120 MHz Sweep 1 ms Channel Power Power Spectral Density 18.00 dBm / 75.27 MHz -60.77 dBm / Hz MSG STATUS
802.11ac-VHT80-High	 Keylight Spectrum Analyzer - Channel Power Span 120.00 MHz Center Freq: 5.61000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.61 GHz #Res BW 1 MHz #VBW 3 MHz Span 120 MHz Sweep 1 ms Channel Power Power Spectral Density 17.63 dBm / 75.23 MHz -61.14 dBm / Hz MSG STATUS

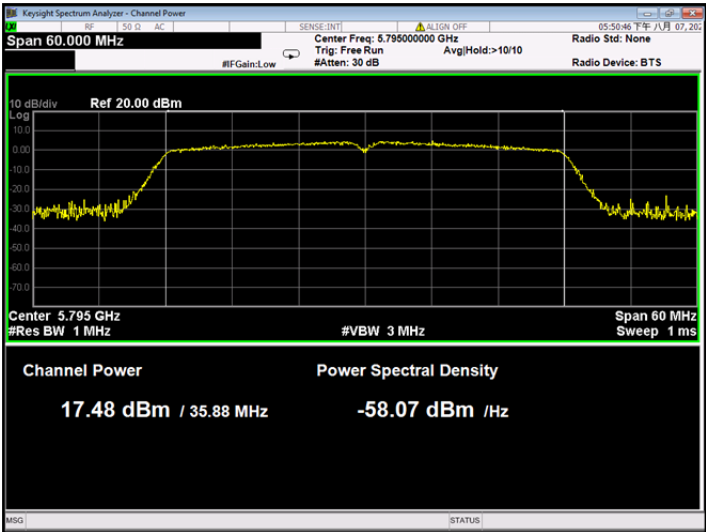
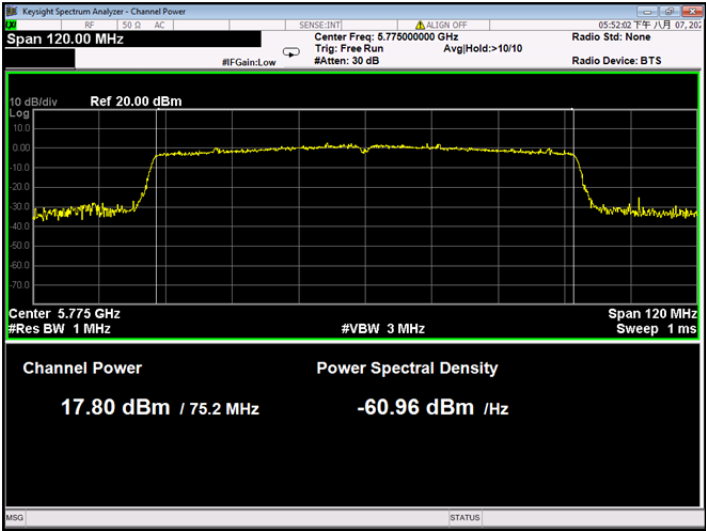
5725-5850MHz

802.11a-Low	 KeySight Spectrum Analyzer - Channel Power Span 30.000 MHz Center Freq: 5.745000000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.745 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power Power Spectral Density 17.38 dBm / 16.42 MHz -54.77 dBm / Hz
802.11a-Middle	 KeySight Spectrum Analyzer - Channel Power Span 30.000 MHz Center Freq: 5.785000000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.785 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power Power Spectral Density 17.50 dBm / 16.43 MHz -54.66 dBm / Hz
802.11a-High	 KeySight Spectrum Analyzer - Channel Power Span 30.000 MHz Center Freq: 5.825000000 GHz Trig: Free Run #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.825 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power Power Spectral Density 17.50 dBm / 16.42 MHz -54.65 dBm / Hz

802.11n-HT20-Low	
802.11n-HT20-Middle	
802.11n-HT20-High	

802.11n-HT40-Low	 Keylight Spectrum Analyzer - Channel Power Span 60.000 MHz Center Freq: 5.755000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.755 GHz #Res BW 1 MHz #VBW 3 MHz Span 60 MHz Sweep 1 ms Channel Power Power Spectral Density 17.36 dBm / 35.97 MHz -58.20 dBm /Hz MSG STATUS
802.11n-HT40-High	 Keylight Spectrum Analyzer - Channel Power Span 60.000 MHz Center Freq: 5.795000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.795 GHz #Res BW 1 MHz #VBW 3 MHz Span 60 MHz Sweep 1 ms Channel Power Power Spectral Density 17.43 dBm / 35.97 MHz -58.13 dBm /Hz MSG STATUS
802.11ac-VHT20-Low	 Keylight Spectrum Analyzer - Channel Power Span 30.000 MHz Center Freq: 5.745000000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.745 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power Power Spectral Density 16.77 dBm / 17.54 MHz -55.67 dBm /Hz MSG STATUS

802.11ac-VHT20-Middle	 Keylight Spectrum Analyzer - Channel Power Span 30.000 MHz Center Freq: 5.78500000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.785 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power Power Spectral Density 17.39 dBm / 17.54 MHz -55.05 dBm /Hz MSG STATUS
802.11ac-VHT20-High	 Keylight Spectrum Analyzer - Channel Power Span 30.000 MHz Center Freq: 5.82500000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.825 GHz #Res BW 1 MHz #VBW 3 MHz Span 30 MHz Sweep 1 ms Channel Power Power Spectral Density 17.41 dBm / 17.54 MHz -55.03 dBm /Hz MSG STATUS
802.11ac-VHT40-Low	 Keylight Spectrum Analyzer - Channel Power Span 60.000 MHz Center Freq: 5.75500000 GHz Trig: Free Run #IFGain: Low #Atten: 30 dB Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 20.00 dBm 10 dB/div Log Center 5.755 GHz #Res BW 1 MHz #VBW 3 MHz Span 60 MHz Sweep 1 ms Channel Power Power Spectral Density 17.16 dBm / 35.94 MHz -58.40 dBm /Hz MSG STATUS

802.11ac-VHT40-High	
802.11ac-VHT80-Low	

APPENDIX D

Frequency Stability

U-NII-1 Test Frequency:5180MHz				
Temperature (°C)	Power Supply (VAC)	Frequency Error (MHz)	Frequency Error (ppm)	Limit (ppm)
50	3.89	0.0136	2.62	20
45		-0.0138	-2.66	20
30		-0.0018	-0.35	20
20		0.0090	1.74	20
10		-0.0072	-1.39	20
0		0.0123	2.37	20
-10		0.0089	1.71	20
-15		0.0115	2.22	20
-30		-0.0164	-3.17	20
20	3.31	0.0030	0.57	20
20	4.47	0.0108	2.08	20

U-NII-2A Test Frequency:5260MHz				
Temperature (°C)	Power Supply (VAC)	Frequency Error (MHz)	Frequency Error (ppm)	Limit (ppm)
50	3.89	-0.0043	-0.81	20
45		0.0098	1.86	20
30		0.0122	2.31	20
20		-0.0090	-1.71	20
10		-0.0119	-2.27	20
0		0.0011	0.21	20
-10		0.0054	1.02	20
-15		0.0148	2.81	20
-30		-0.0161	-3.06	20
20	3.31	0.0039	0.73	20
20	4.47	0.0092	1.75	20

U-NII-2C Test Frequency:5500MHz				
Temperature (°C)	Power Supply (VAC)	Frequency Error (MHz)	Frequency Error (ppm)	Limit (ppm)
50	3.89	0.0027	0.49	20
45		0.0055	1.01	20
30		-0.0158	-2.87	20
20		-0.0136	-2.48	20
10		0.0139	2.53	20
0		0.0116	2.11	20
-10		0.0156	2.84	20
-15		-0.0143	-2.60	20
-30		0.0093	1.68	20
20	3.31	-0.0045	-0.82	20
20	4.47	0.0085	1.55	20

U-NII-3 Test Frequency:5785MHz				
Temperature (°C)	Power Supply (VAC)	Frequency Error (MHz)	Frequency Error (ppm)	Limit (ppm)
50	3.89	0.0104	1.80	20
45		-0.0074	-1.28	20
30		0.0201	3.48	20
20		0.0120	2.07	20
10		-0.0113	-1.96	20
0		0.0170	2.95	20
-10		0.0128	2.21	20
-15		-0.0158	-2.74	20
-30		-0.0090	-1.55	20
20	3.31	0.0123	2.13	20
20	4.47	0.0038	0.66	20

APPENDIX PHOTOGRAPHS

Please refer to “ANNEX”

***** END OF REPORT *****