

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

Duty Cycle

Test Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor(dB)
802.11a	5260	99.21%	0.03
802. 11n HT20	5260	98.98%	0.04
802. 11n HT40	5270	97.89%	0.09
802. 11ac VHT20	5260	98.99%	0.04
802. 11ac VHT40	5270	97.93%	0.09
802. 11ac VHT80	5290	95.62%	0.19

Output Power NII2A

Mode	Tones/ RUIndex	Freq (MHz)	Chain	Conducted average power output(dBm)	EIRP (dBm)
802.11a	NA	5260	Chain0	13.37	13.37
		5280	Chain0	13.38	13.38
		5320	Chain0	13.35	13.35
802.11n20M		5260	Chain0	13.21	13.21
		5280	Chain0	13.19	13.19
		5320	Chain0	13.23	13.23
802.11n40M		5270	Chain0	13.56	13.56
		5310	Chain0	13.61	13.61
802.11ac20M		5260	Chain0	13.29	13.29
		5280	Chain0	13.21	13.21
		5320	Chain0	13.25	13.25
802.11ac40M		5270	Chain0	10.66	10.66
		5310	Chain0	10.69	10.69
802.11ac80M		5290	Chain0	10.50	10.50

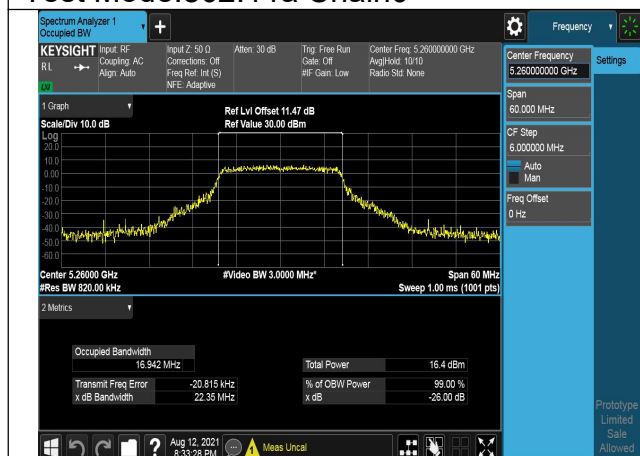
Emission Bandwidth

Offset 11.5dB = Attenuator 10dB+ Temporary antenna connector loss 0.5dB+ Cable loss 1dB

Test Mode:802.11a

Carrier frequency (MHz)	Chain	26dB Bandwidth (MHz)
5260	Chain0	22.35
5280	Chain0	22.47
5320	Chain0	23.18

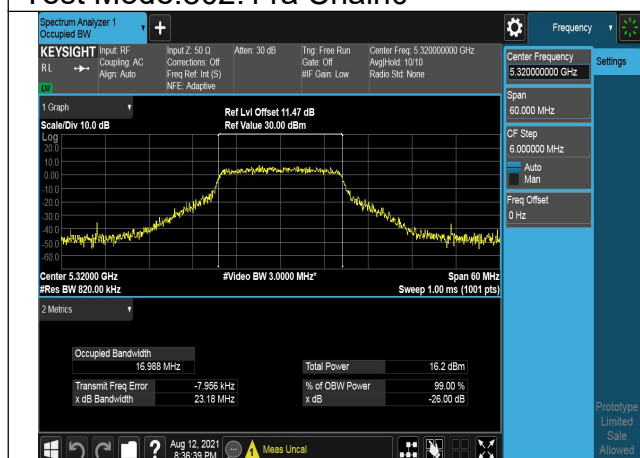
Test Mode:802.11a Chain0



Test Mode:802.11a Chain0



Test Mode:802.11a Chain0



Test Mode:802. 11n HT20

Carrier frequency (MHz)	Chain	26dB Bandwidth (MHz)
5260	Chain0	23.77
5280	Chain0	23.25
5320	Chain0	24.52

Test Mode:802. 11n HT20 Chain0



Test Mode:802. 11n HT20 Chain0



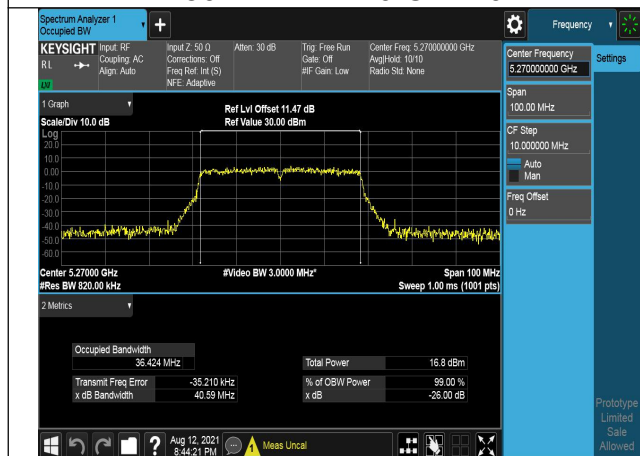
Test Mode:802. 11n HT20 Chain0



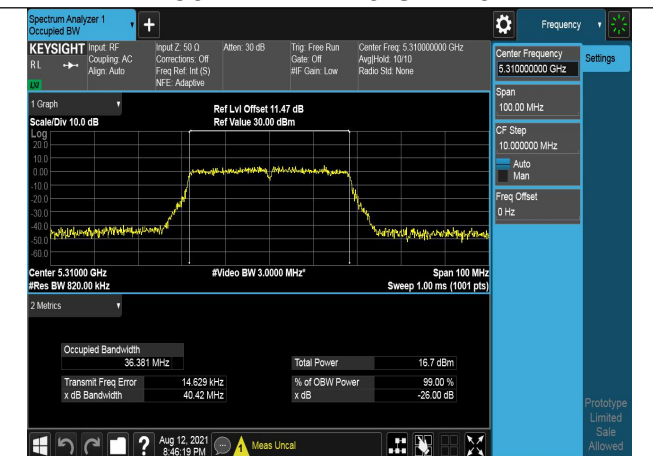
Test Mode:802. 11n HT40

Carrier frequency (MHz)	Chain	26dB Bandwidth (MHz)
5270	Chain0	40.59
5310	Chain0	40.42

Test Mode:802. 11n HT40 Chain0



Test Mode:802. 11n HT40 Chain0



Test Mode:802. 11ac VHT20

Carrier frequency (MHz)	Chain	26dB Bandwidth (MHz)
5260	Chain0	23.31
5280	Chain0	22.81
5320	Chain0	22.96

Test Mode:802. 11ac VHT20 Chain0



Test Mode:802. 11ac VHT20 Chain0



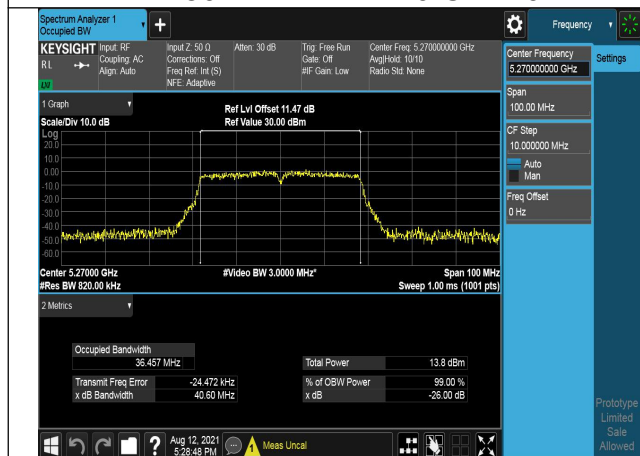
Test Mode:802. 11ac VHT20 Chain0



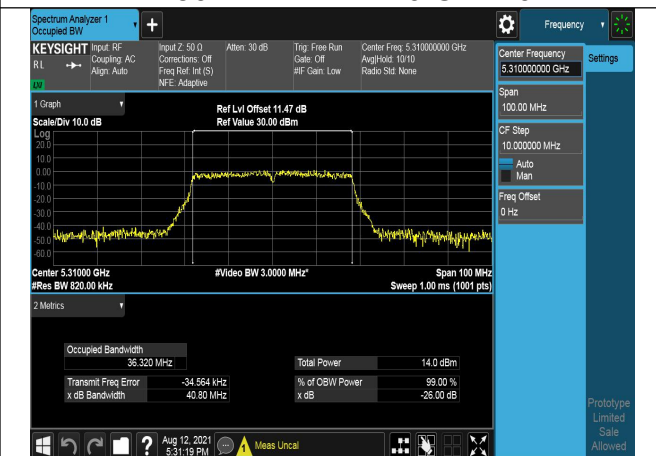
Test Mode:802. 11ac VHT40

Carrier frequency (MHz)	Chain	26dB Bandwidth (MHz)
5270	Chain0	40.60
5310	Chain0	40.80

Test Mode:802. 11ac VHT40 Chain0



Test Mode:802. 11ac VHT40 Chain0



Test Mode:802. 11ac VHT80

Carrier frequency (MHz)	Chain	26dB Bandwidth (MHz)
5290	Chain0	81.73

Test Mode:802. 11ac VHT80 Chain0



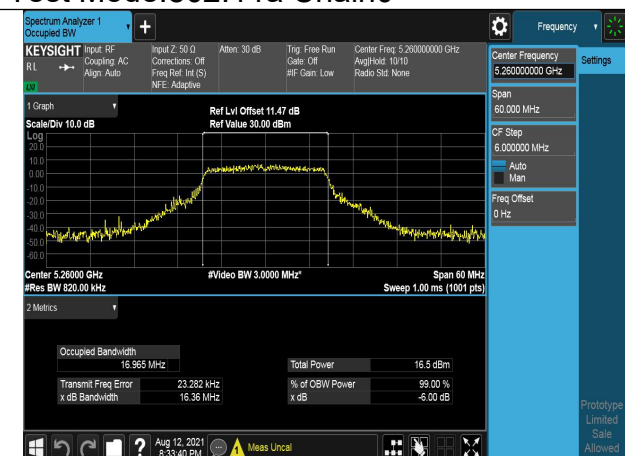
Occupied Bandwidth

Offset 11.5dB = Attenuator 10dB+ Temporary antenna connector loss 0.5dB+ Cable loss 1dB

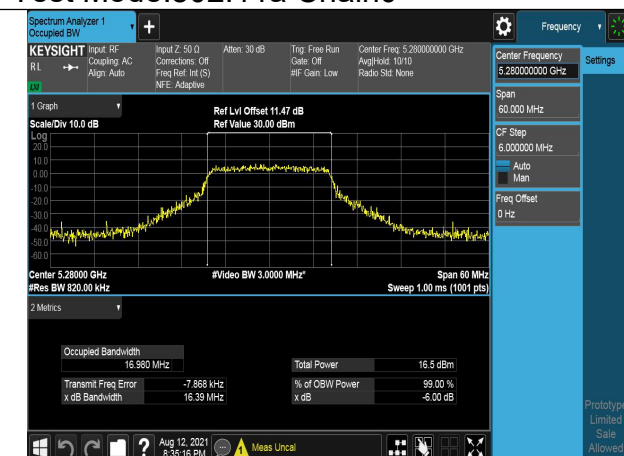
Test Mode:802.11a

Carrier frequency (MHz)	Chain	Occupied Bandwidth (MHz)
5260	Chain0	16.965
5280	Chain0	16.980
5320	Chain0	16.986

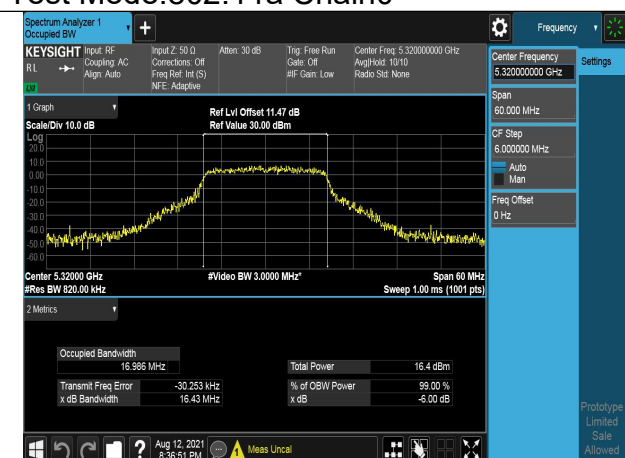
Test Mode:802.11a Chain0



Test Mode:802.11a Chain0



Test Mode:802.11a Chain0



Test Mode:802. 11n HT20

Carrier frequency (MHz)	Chain	Occupied Bandwidth (MHz)
5260	Chain0	18.231
5280	Chain0	18.094
5320	Chain0	18.186

Test Mode:802. 11n HT20 Chain0



Test Mode:802. 11n HT20 Chain0



Test Mode:802. 11n HT20 Chain0



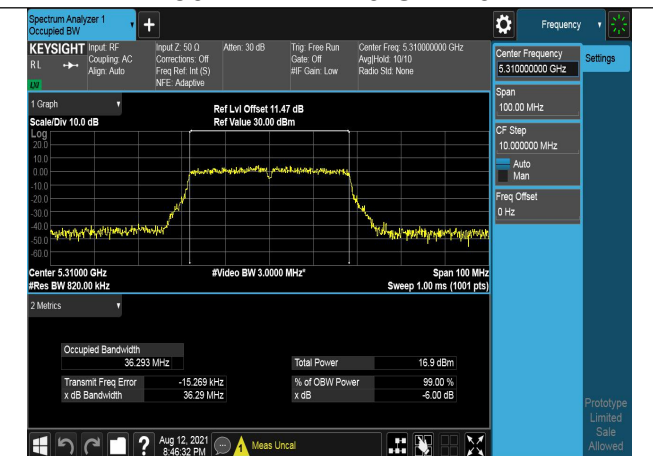
Test Mode:802. 11n HT40

Carrier frequency (MHz)	Chain	Occupied Bandwidth (MHz)
5270	Chain0	36.452
5310	Chain0	36.293

Test Mode:802. 11n HT40 Chain0



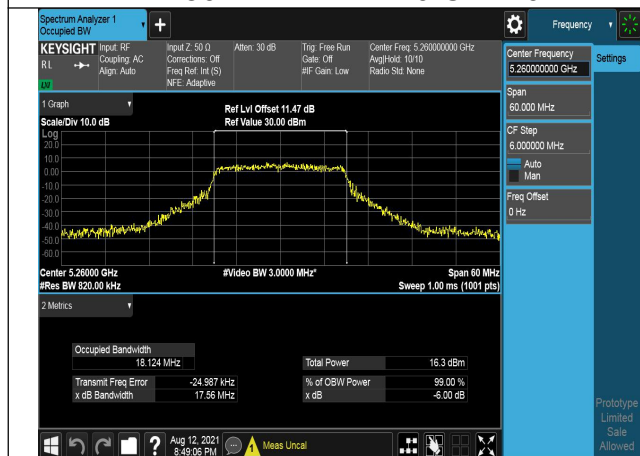
Test Mode:802. 11n HT40 Chain0



Test Mode:802. 11ac VHT20

Carrier frequency (MHz)	Chain	Occupied Bandwidth (MHz)
5260	Chain0	18.124
5280	Chain0	18.082
5320	Chain0	18.175

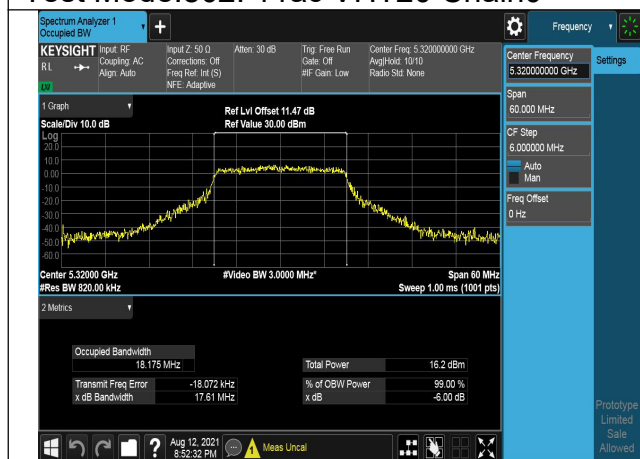
Test Mode:802. 11ac VHT20 Chain0



Test Mode:802. 11ac VHT20 Chain0



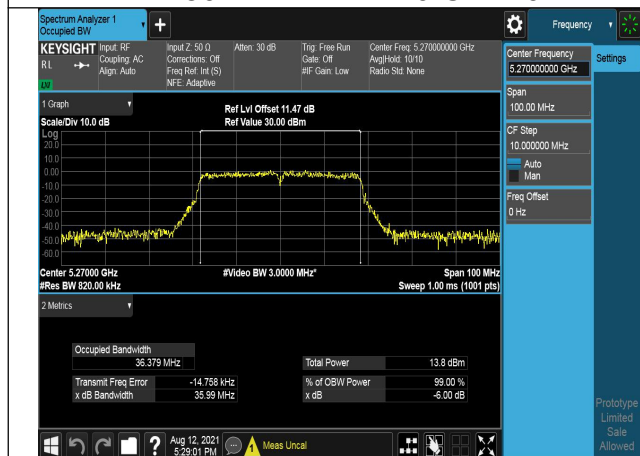
Test Mode:802. 11ac VHT20 Chain0



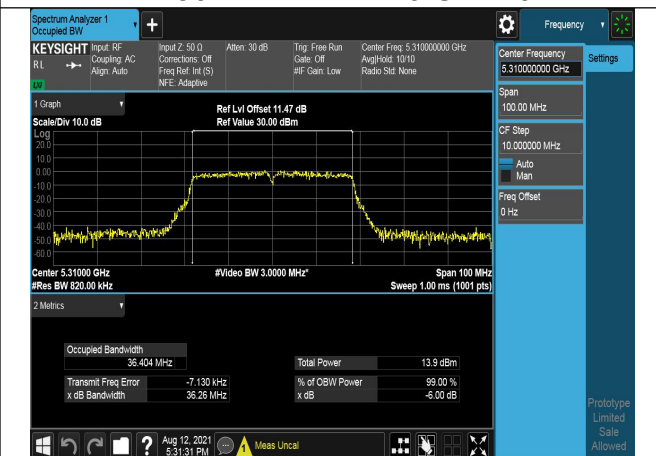
Test Mode:802. 11ac VHT40

Carrier frequency (MHz)	Chain	Occupied Bandwidth (MHz)
5270	Chain0	36.379
5310	Chain0	36.404

Test Mode:802. 11ac VHT40 Chain0



Test Mode:802. 11ac VHT40 Chain0



Test Mode:802. 11ac VHT80

Carrier frequency (MHz)	Chain	Occupied Bandwidth (MHz)
5290	Chain0	75.725

Test Mode:802. 11ac VHT80 Chain0



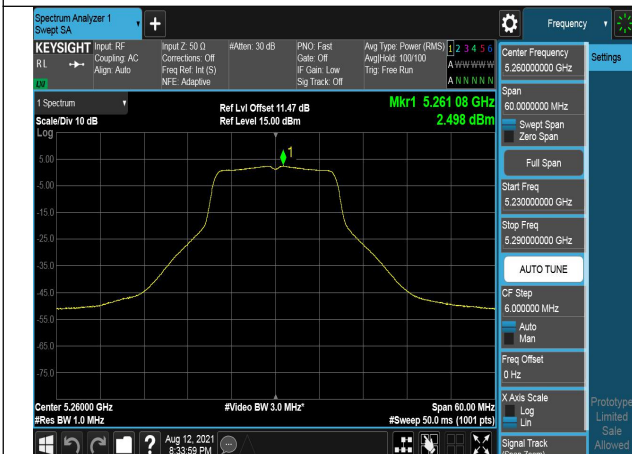
Transmitter Power Spectral Density

Offset 11.5dB = Attenuator 10dB+ Temporary antenna connector loss 0.5dB+ Cable loss 1dB

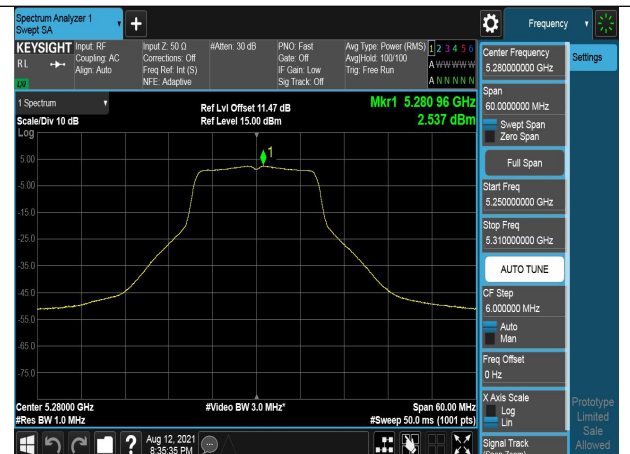
Test Mode:802.11a

Carrier frequency (MHz)	Correction Factor(dB)	Chain	Power Density (dBm)
5260	0.03	Chain0	2.528
5280		Chain0	2.567
5320		Chain0	2.452

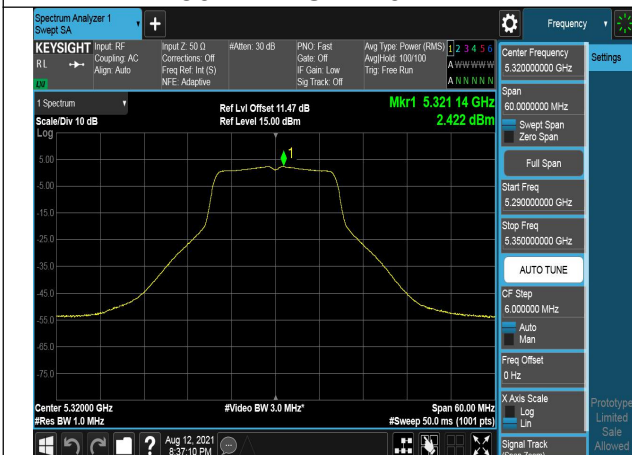
Test Mode:802.11a Chain0



Test Mode:802.11a Chain0



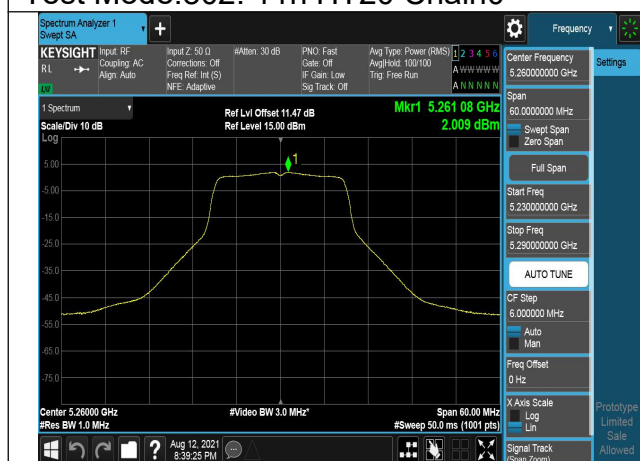
Test Mode:802.11a Chain0



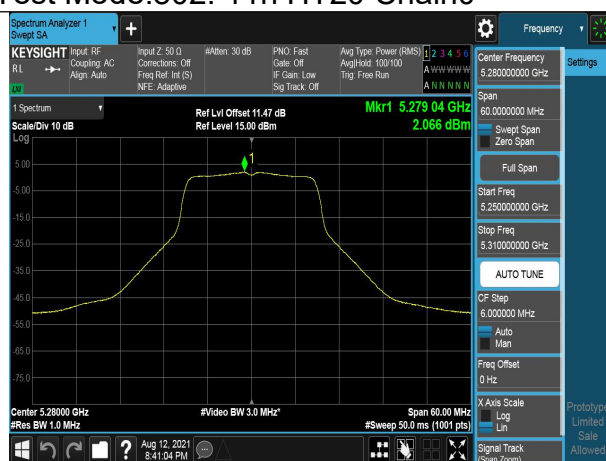
Test Mode:802. 11n HT20

Carrier frequency (MHz)	Correction Factor(dB)	Chain	Power Density (dBm)
5260	0.04	Chain0	2.049
5280		Chain0	2.106
5320		Chain0	2.079

Test Mode:802. 11n HT20 Chain0



Test Mode:802. 11n HT20 Chain0



Test Mode:802. 11n HT20 Chain0

