

1TX Antenna 5 Mode

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	40.50	-5.00	24.00	11.00
High	5310	40.10	-5.00	24.00	11.00

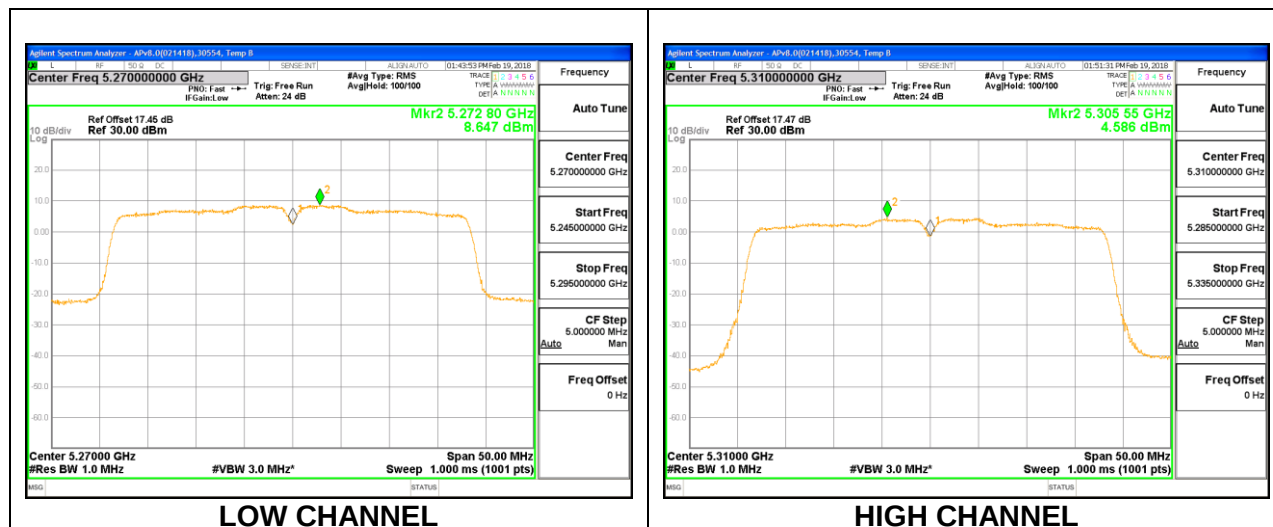
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	21.80	21.80	24.00	-2.20
High	5310	17.41	17.41	24.00	-6.59

PSD Results

Channel	Frequency (MHz)	Ant 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.647	8.74	11.00	-2.26
High	5310	4.586	4.68	11.00	-6.32



2TX Antenna 6 + Antenna 5 CDD MODE

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	40.20	-4.74	-1.74	24.00	11.00
High	5310	40.20	-4.74	-1.74	24.00	11.00

Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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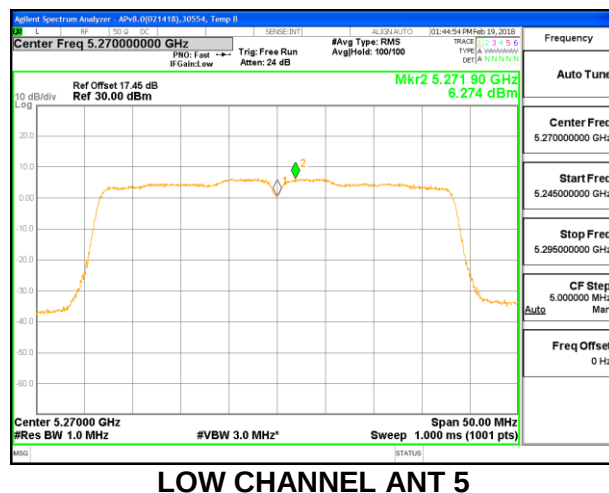
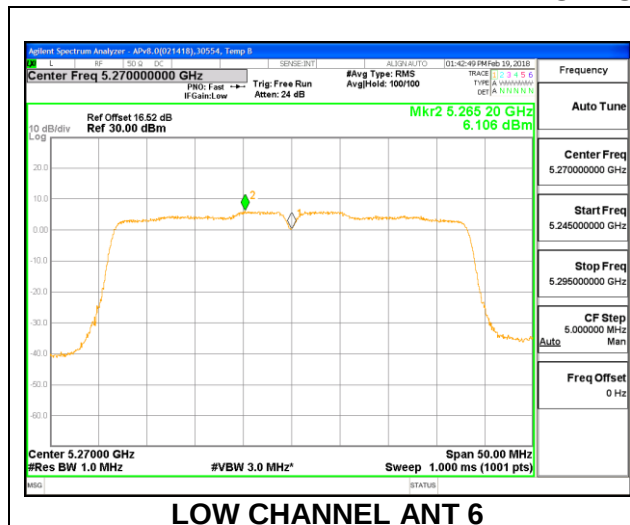
Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	19.78	19.81	22.81	24.00	-1.19
High	5310	16.92	16.85	19.90	24.00	-4.10

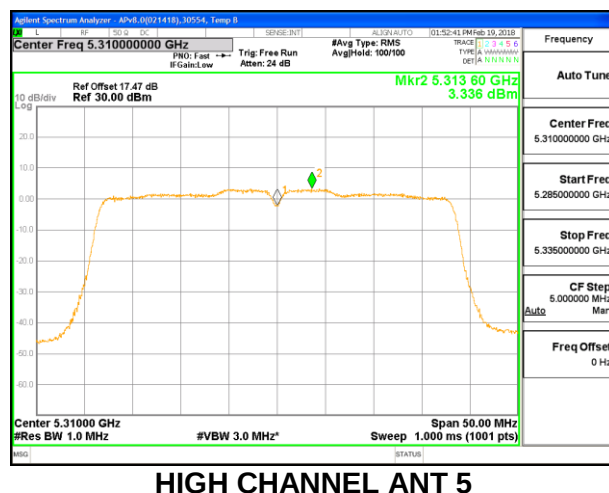
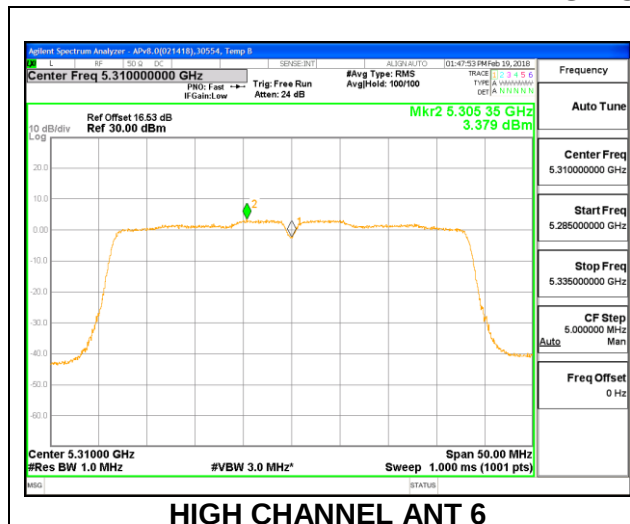
PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/1MHz)	Ant 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.11	6.27	9.29	11.00	-1.71
High	5310	3.38	3.34	6.46	11.00	-4.54

LOW CHANNEL



HIGH CHANNEL



8.5.6. 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 Mode

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	82.40	-4.50	24.00	11.00

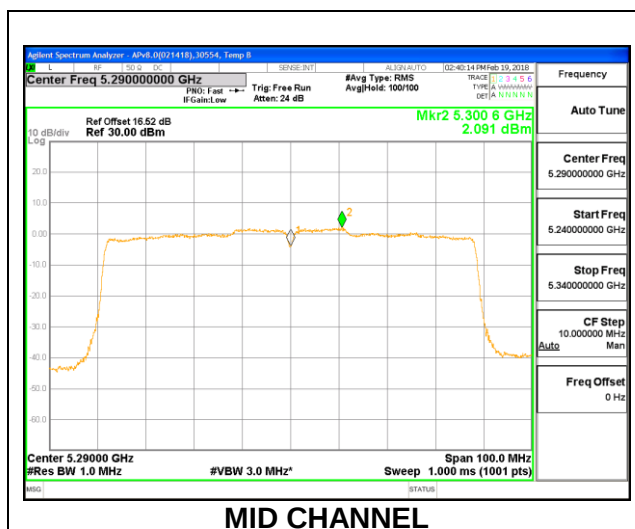
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	17.48	17.48	24.00	-6.52

PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	2.091	2.29	11.00	-8.71



1TX Antenna 5 Mode

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	82.60	-5.00	24.00	11.00

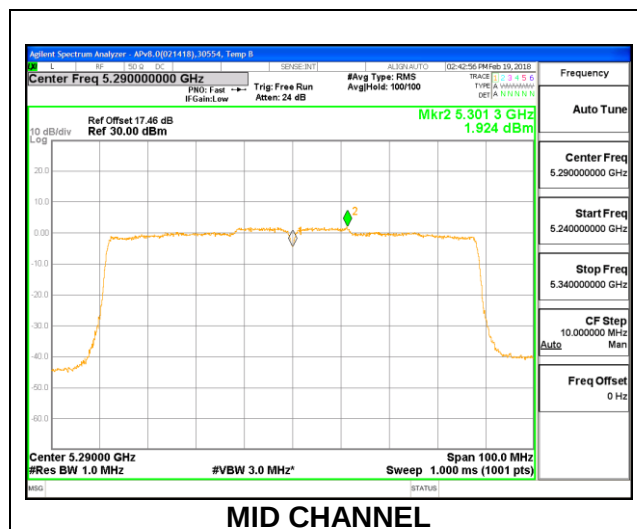
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	17.30	17.30	24.00	-6.70

PSD Results

Channel	Frequency (MHz)	Ant 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	1.924	2.12	11.00	-8.88



2TX Antenna 6 + Antenna 5 CDD MODE

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	82.20	-4.74	-1.74	24.00	11.00

Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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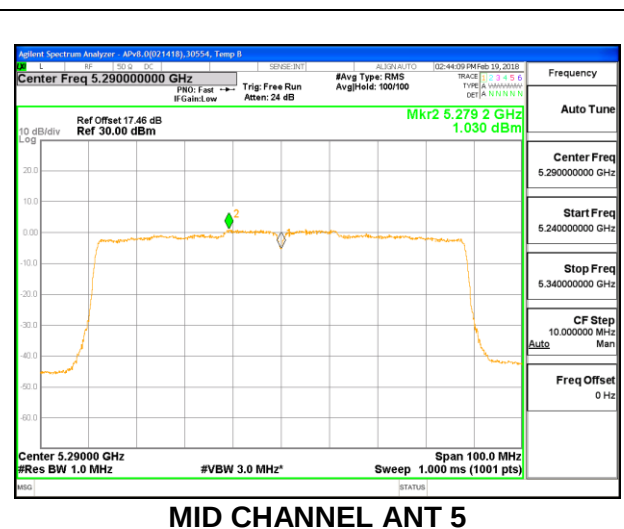
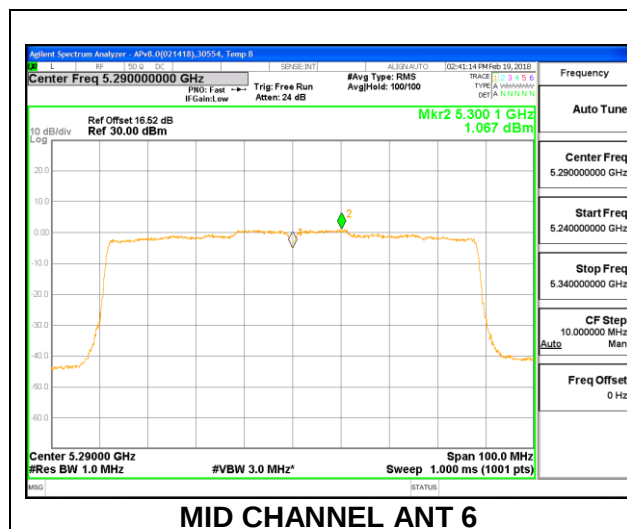
Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.41	16.31	19.37	24.00	-4.63

PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/1MHz)	Ant 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	1.07	1.03	4.26	11.00	-6.74

MID CHANNEL



8.5.7. 802.11n HT20 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 Mode

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5500	22.20	-1.80	24.00	11.00
Mid	5580	22.00	-1.80	24.00	11.00
High	5700	22.10	-1.80	24.00	11.00
144	5720	21.90	-1.80	24.00	11.00

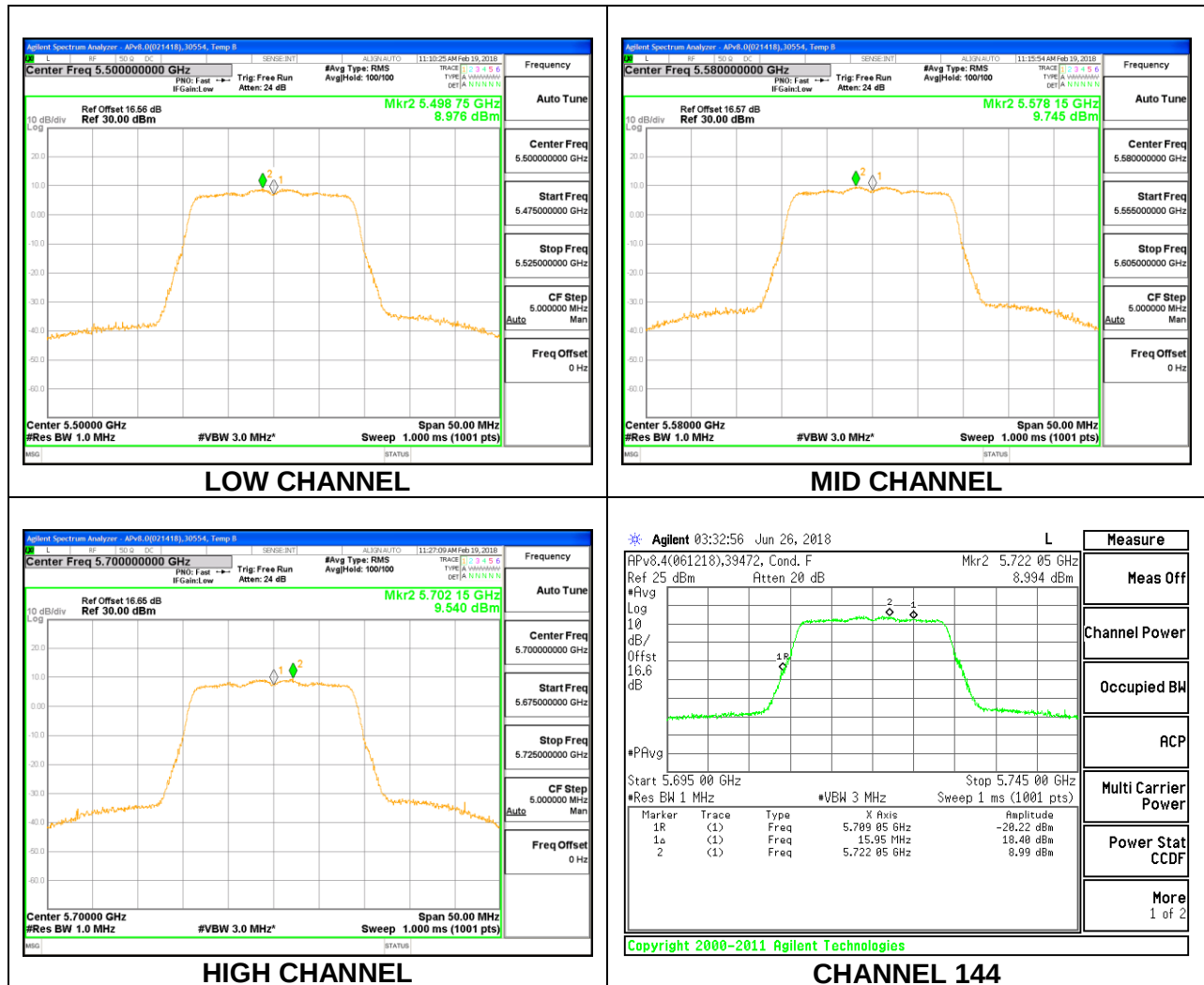
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power (Ch 144) & PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.80	18.80	24.00	-5.20
Mid	5580	19.47	19.47	24.00	-4.53
High	5700	18.84	18.84	24.00	-5.16
144	5720	18.40	18.40	24.00	-5.60

PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	8.98	8.98	11.00	-2.02
Mid	5580	9.75	9.75	11.00	-1.26
High	5700	9.54	9.54	11.00	-1.46
144	5720	8.99	8.99	11.00	-2.01



1TX Antenna 5 Mode

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5500	21.95	-5.00	24.00	11.00
Mid	5580	22.15	-5.00	24.00	11.00
High	5700	22.20	-5.00	24.00	11.00
144	5720	22.15	-5.00	24.00	11.00

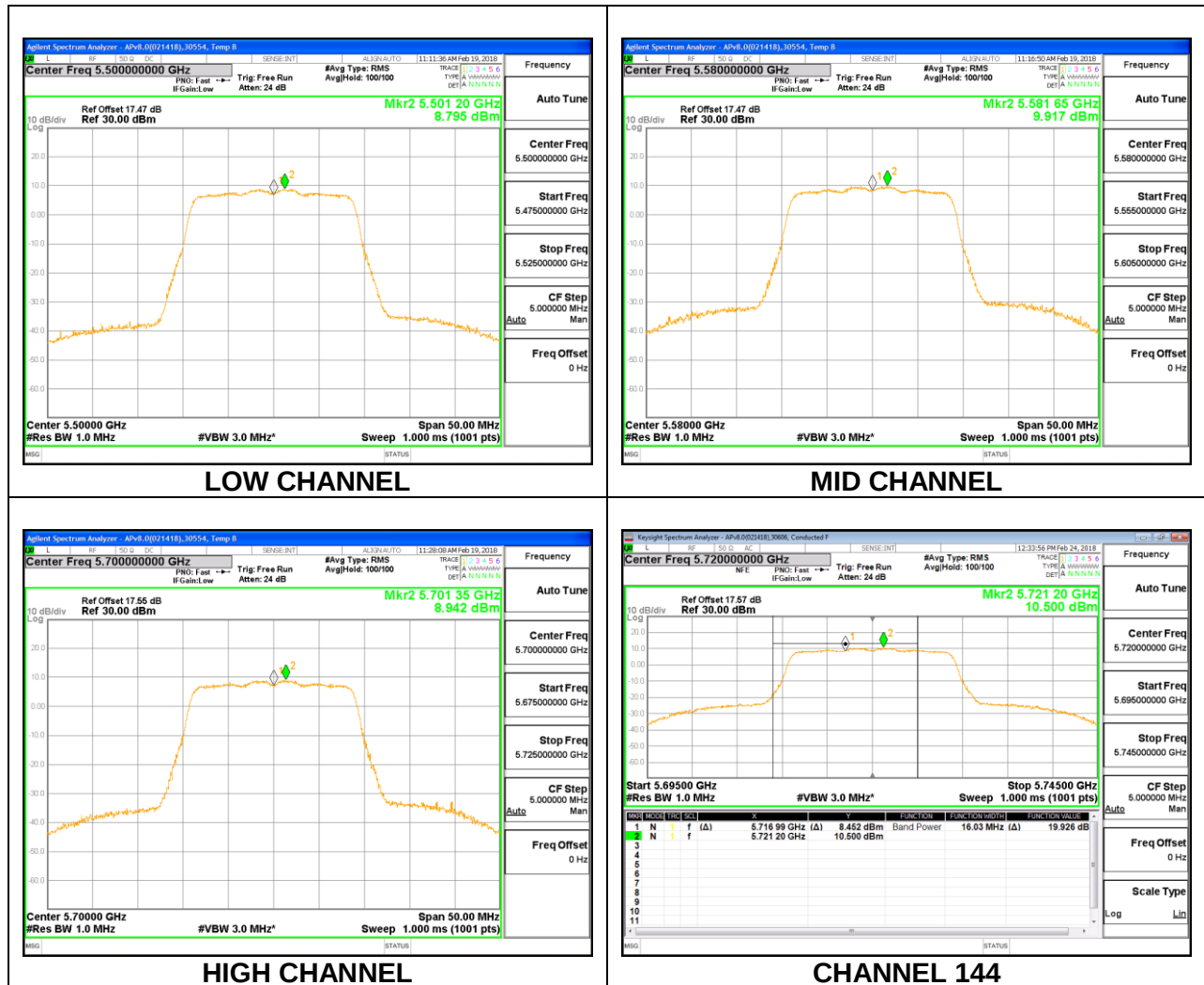
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power (Ch 144) & PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.82	18.82	24.00	-5.18
Mid	5580	20.77	20.77	24.00	-3.23
High	5700	18.79	18.79	24.00	-5.21
144	5720	19.93	19.93	24.00	-4.07

PSD Results

Channel	Frequency (MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	8.80	8.80	11.00	-2.21
Mid	5580	9.92	9.92	11.00	-1.08
High	5700	8.94	8.94	11.00	-2.06
144	5720	10.50	10.50	11.00	-0.50



2TX Antenna 6 + Antenna 5 CDD MODE

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5500	21.65	-3.11	-0.24	24.00	11.00
Mid	5580	21.80	-3.11	-0.24	24.00	11.00
High	5700	21.70	-3.11	-0.24	24.00	11.00
144	5720	21.65	-3.11	-0.24	24.00	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power (Ch 144) & PSD
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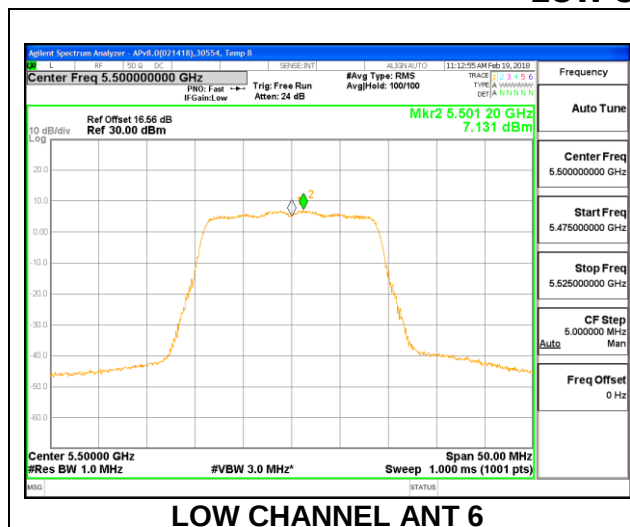
Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.82	17.84	20.84	24.00	-3.16
Mid	5580	17.79	17.87	20.84	24.00	-3.16
High	5700	17.80	17.90	20.86	24.00	-3.14
144	5720	16.58	16.59	19.59	24.00	-4.41

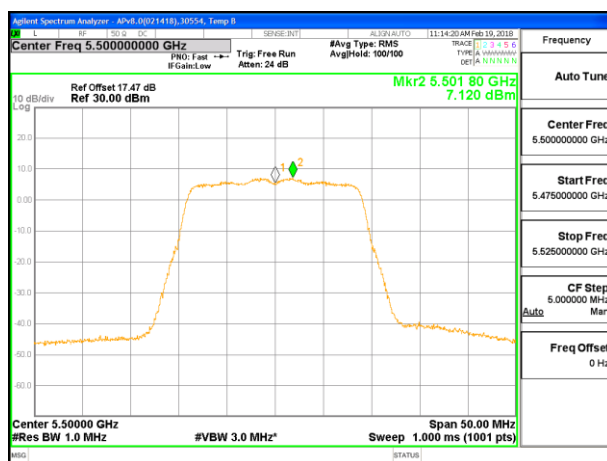
PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/ 1MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	7.13	7.12	10.14	11.00	-0.86
Mid	5580	6.82	7.10	9.97	11.00	-1.03
High	5700	7.00	7.34	10.18	11.00	-0.82
144	5720	6.85	7.03	9.95	11.00	-1.05

LOW CHANNEL

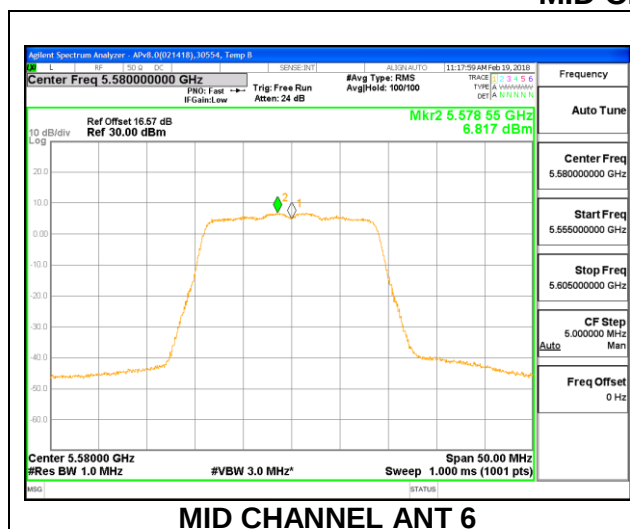


LOW CHANNEL ANT 6

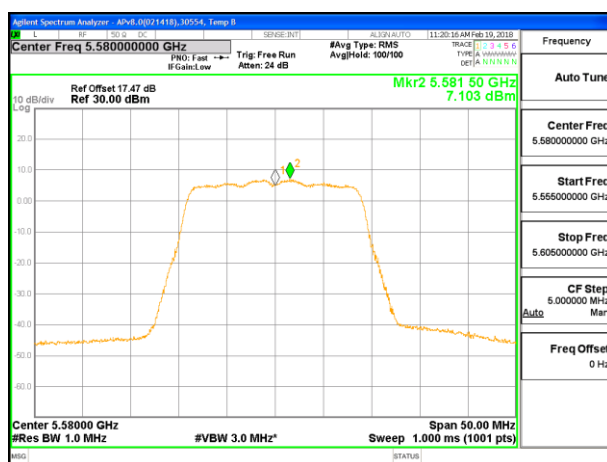


LOW CHANNEL ANT 5

MID CHANNEL

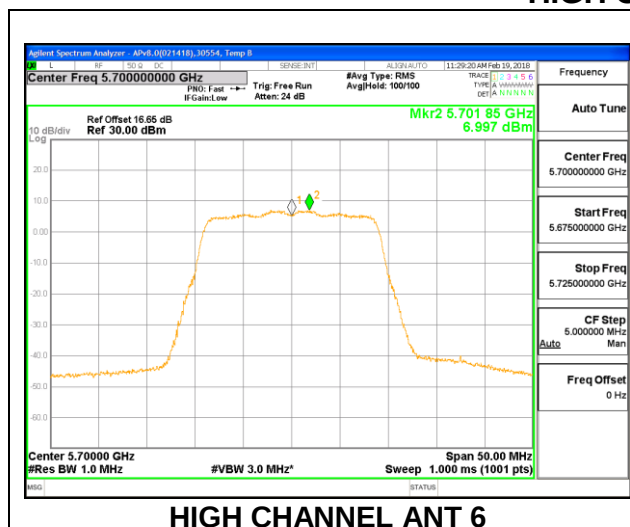


MID CHANNEL ANT 6

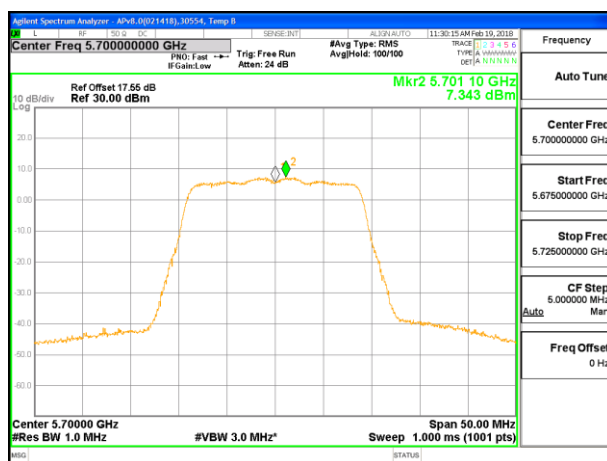


MID CHANNEL ANT 5

HIGH CHANNEL

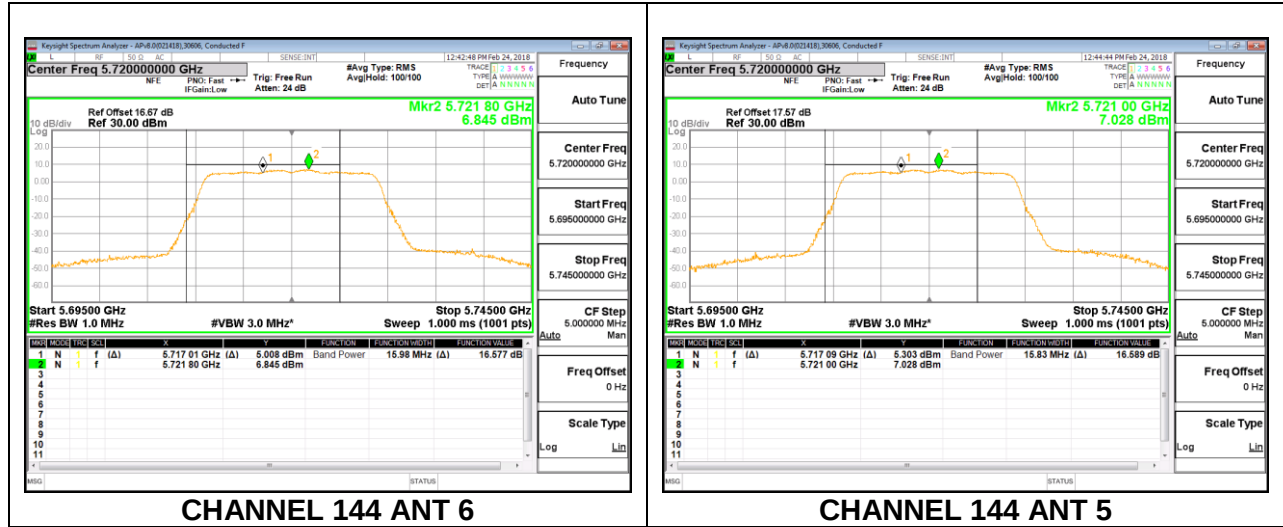


HIGH CHANNEL ANT 6



HIGH CHANNEL ANT 5

CHANNEL 144



8.5.8. 802.11n HT40 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 Mode

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	40.7	-1.80	24.00	11.00
Mid	5550	40.7	-1.80	24.00	11.00
High	5670	40.4	-1.80	24.00	11.00
142	5710	40.6	-1.80	24.00	11.00

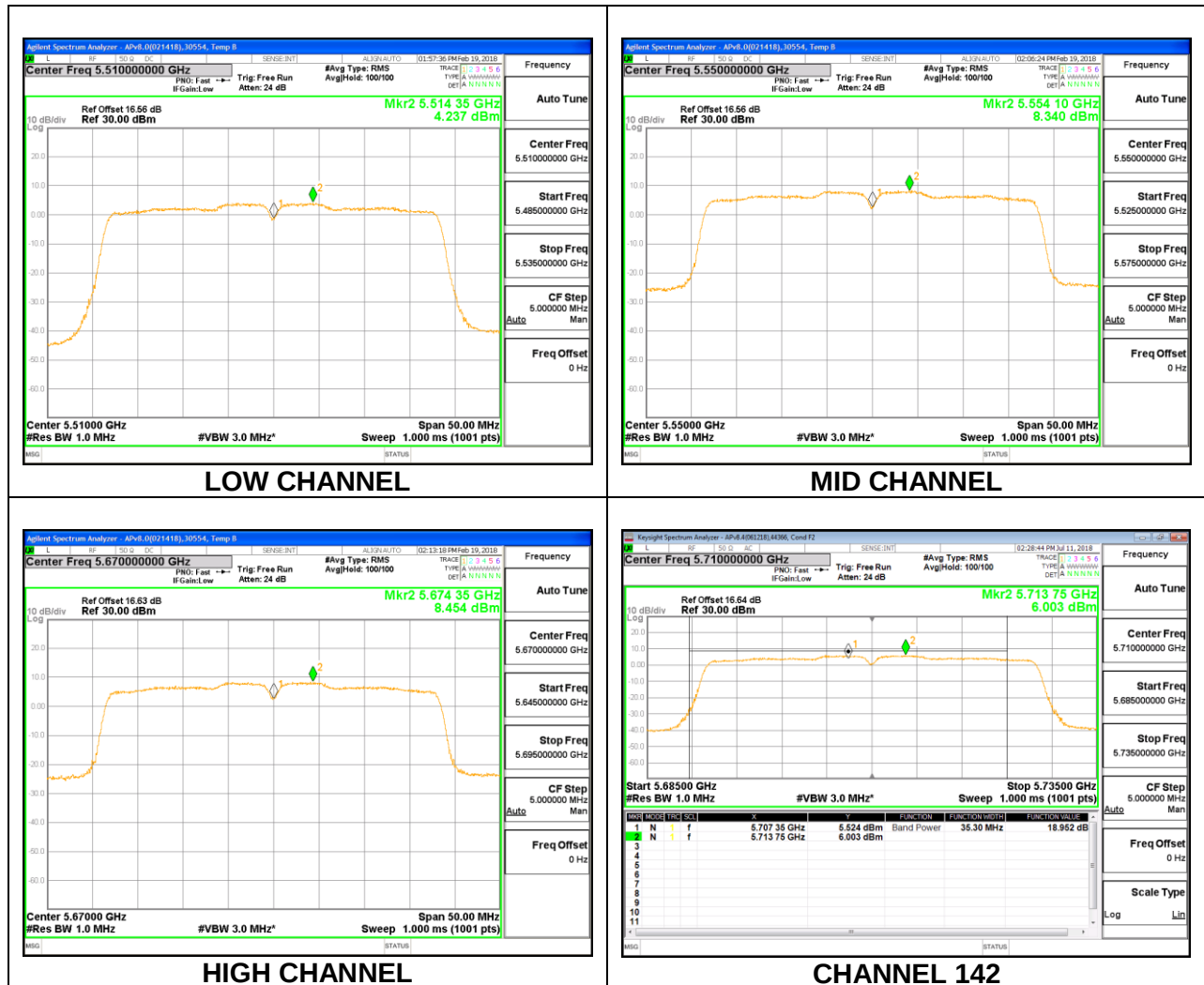
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd Power (Ch 142) & PSD
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Output Power Results

Channel	Frequency (MHz)	ANT 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	17.32	17.32	24.00	-6.68
Mid	5550	19.41	19.41	24.00	-4.59
High	5670	19.47	19.47	24.00	-4.53
142	5710	18.95	19.04	24.00	-4.96

PSD Results

Channel	Frequency (MHz)	ANT 6 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	4.24	4.33	11.00	-6.67
Mid	5550	8.34	8.43	11.00	-2.57
High	5670	8.45	8.54	11.00	-2.46
142	5710	6.00	6.09	11.00	-4.91



1TX Antenna 5 Mode

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	40.5	-5.00	24.00	11.00
Mid	5550	40.6	-5.00	24.00	11.00
High	5670	40.4	-5.00	24.00	11.00
142	5710	40.5	-5.00	24.00	11.00

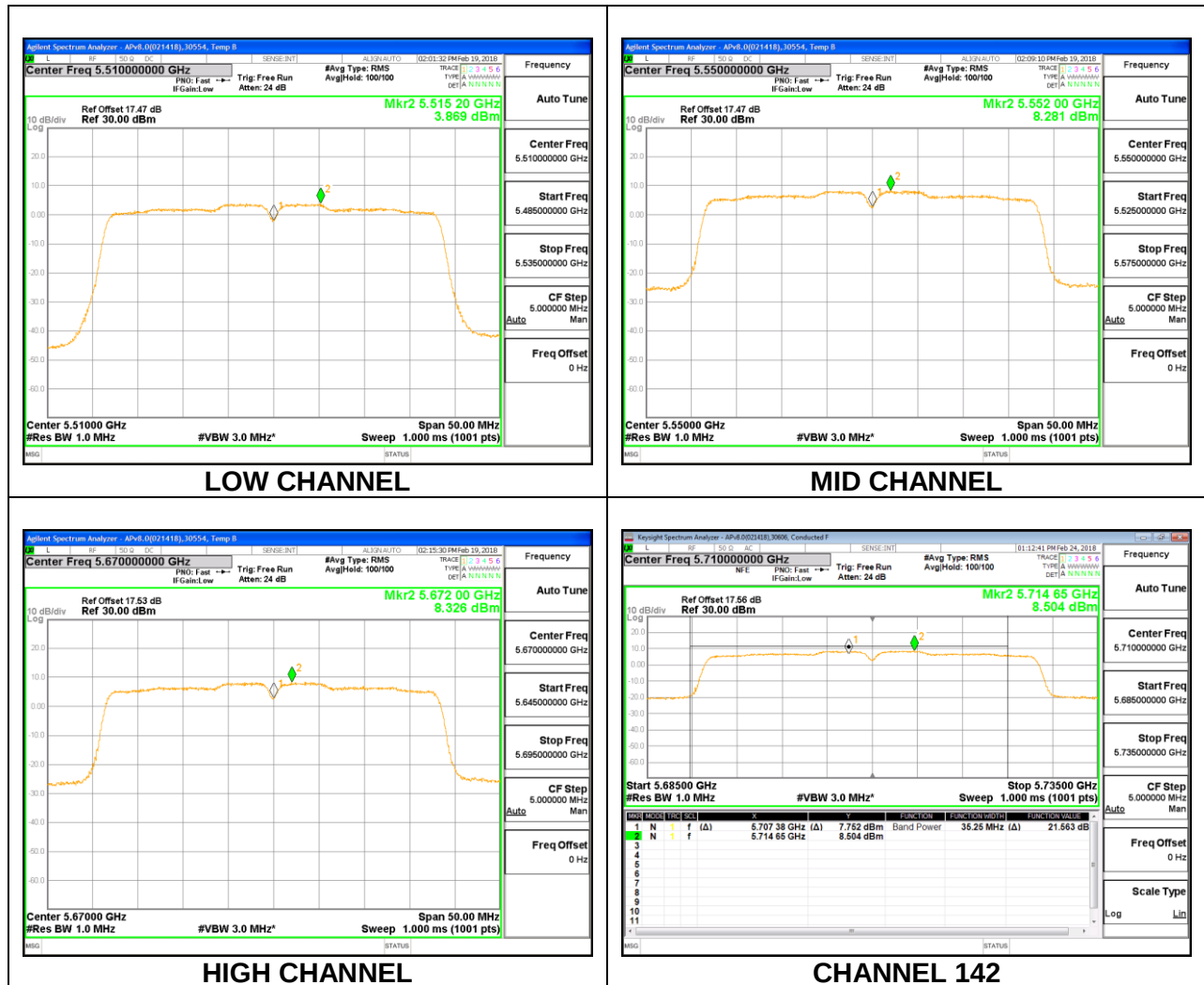
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd Power (Ch 142) & PSD
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Output Power Results

Channel	Frequency (MHz)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	17.37	17.37	24.00	-6.63
Mid	5550	21.88	21.88	24.00	-2.12
High	5670	21.79	21.79	24.00	-2.21
142	5710	21.56	21.65	24.00	-2.35

PSD Results

Channel	Frequency (MHz)	ANT 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	3.87	3.96	11.00	-7.04
Mid	5550	8.28	8.37	11.00	-2.63
High	5670	8.33	8.42	11.00	-2.58
142	5710	8.50	8.59	11.00	-2.41



2TX Antenna 6 + Antenna 5 CDD MODE

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	40.10	-3.11	-0.24	24.00	11.00
Mid	5550	40.20	-3.11	-0.24	24.00	11.00
High	5670	40.20	-3.11	-0.24	24.00	11.00
142	5710	40.10	-3.11	-0.24	24.00	11.00

Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd Power (Ch 142) & PSD
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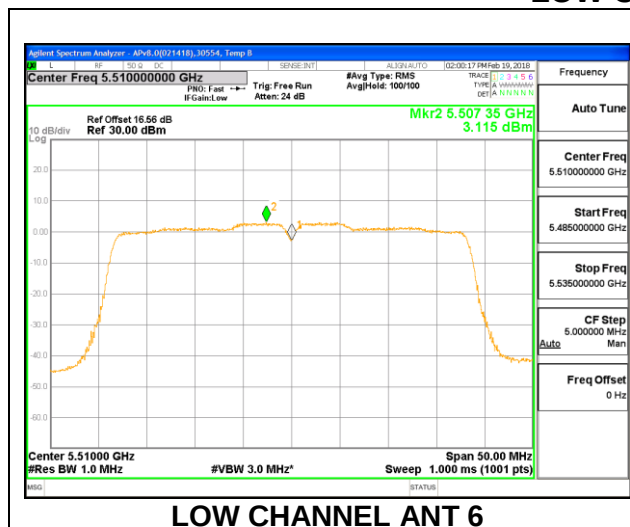
Output Power Results

Channel	Frequency (MHz)	ANT 6 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	16.84	16.88	19.87	24.00	-4.13
Mid	5550	19.48	19.84	22.67	24.00	-1.33
High	5670	19.43	19.87	22.67	24.00	-1.33
142	5710	18.78	19.44	22.22	24.00	-1.78

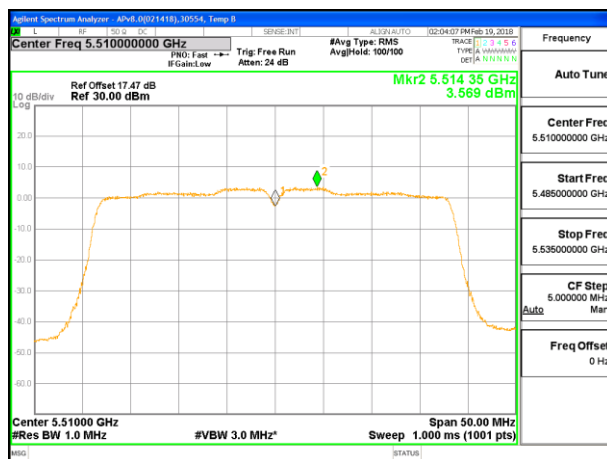
PSD Results

Channel	Frequency (MHz)	ANT 6 Meas PSD (dBm/ 1MHz)	ANT 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	3.12	3.57	6.45	11.00	-4.55
Mid	5550	6.28	6.56	9.52	11.00	-1.48
High	5670	6.19	6.37	9.38	11.00	-1.62
142	5710	6.11	6.46	9.39	11.00	-1.61

LOW CHANNEL

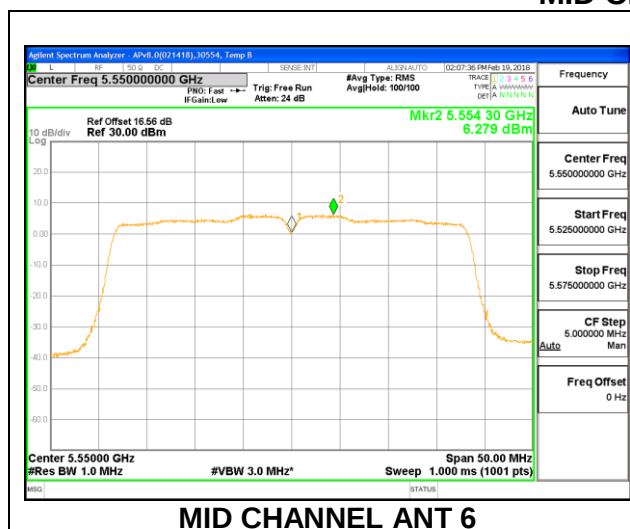


LOW CHANNEL ANT 6

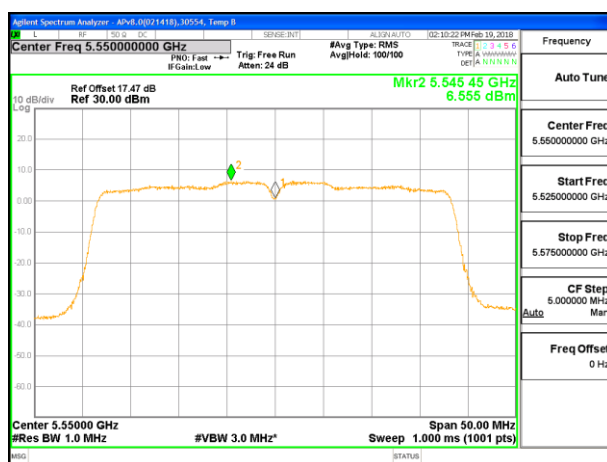


LOW CHANNEL ANT 5

MID CHANNEL

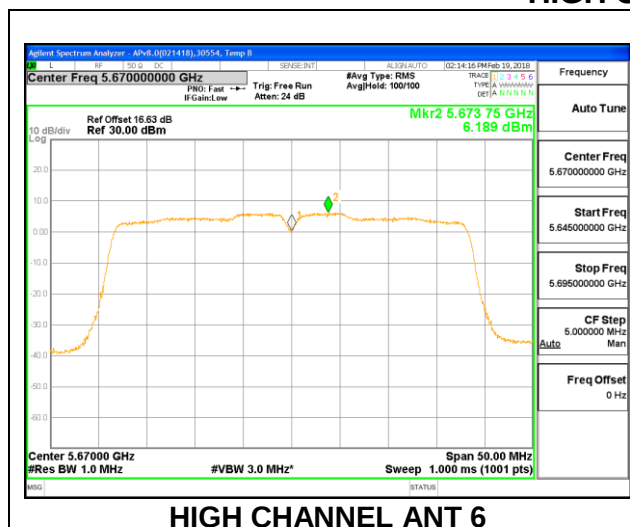


MID CHANNEL ANT 6

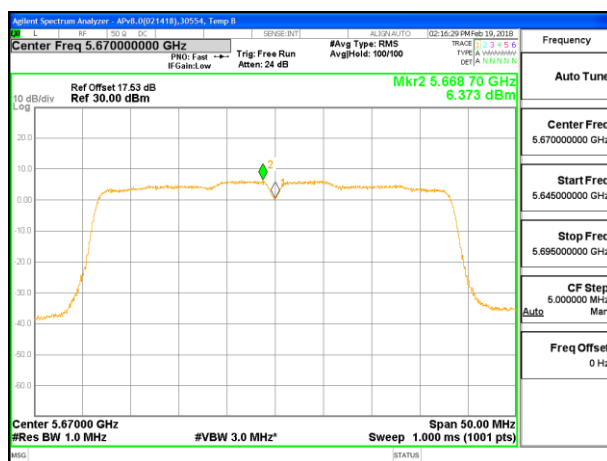


MID CHANNEL ANT 5

HIGH CHANNEL

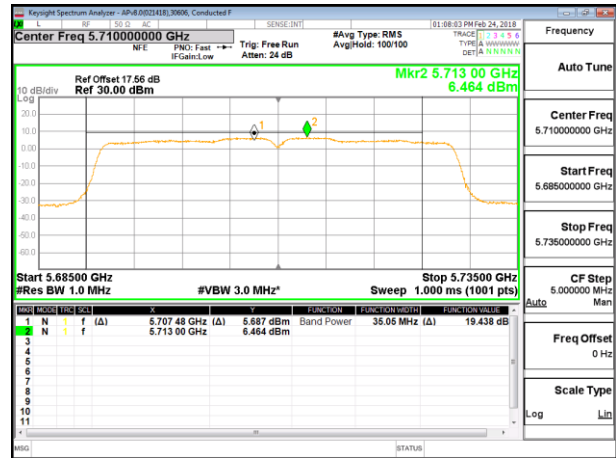
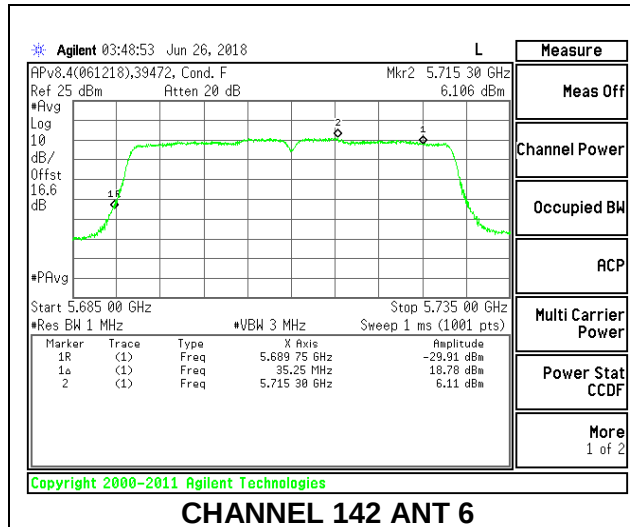


HIGH CHANNEL ANT 6



HIGH CHANNEL ANT 5

CHANNEL 142



8.5.9. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 Mode

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5530	82.60	-1.80	24.00	11.00
High	5610	82.60	-1.80	24.00	11.00
138	5690	82.60	-1.80	24.00	11.00

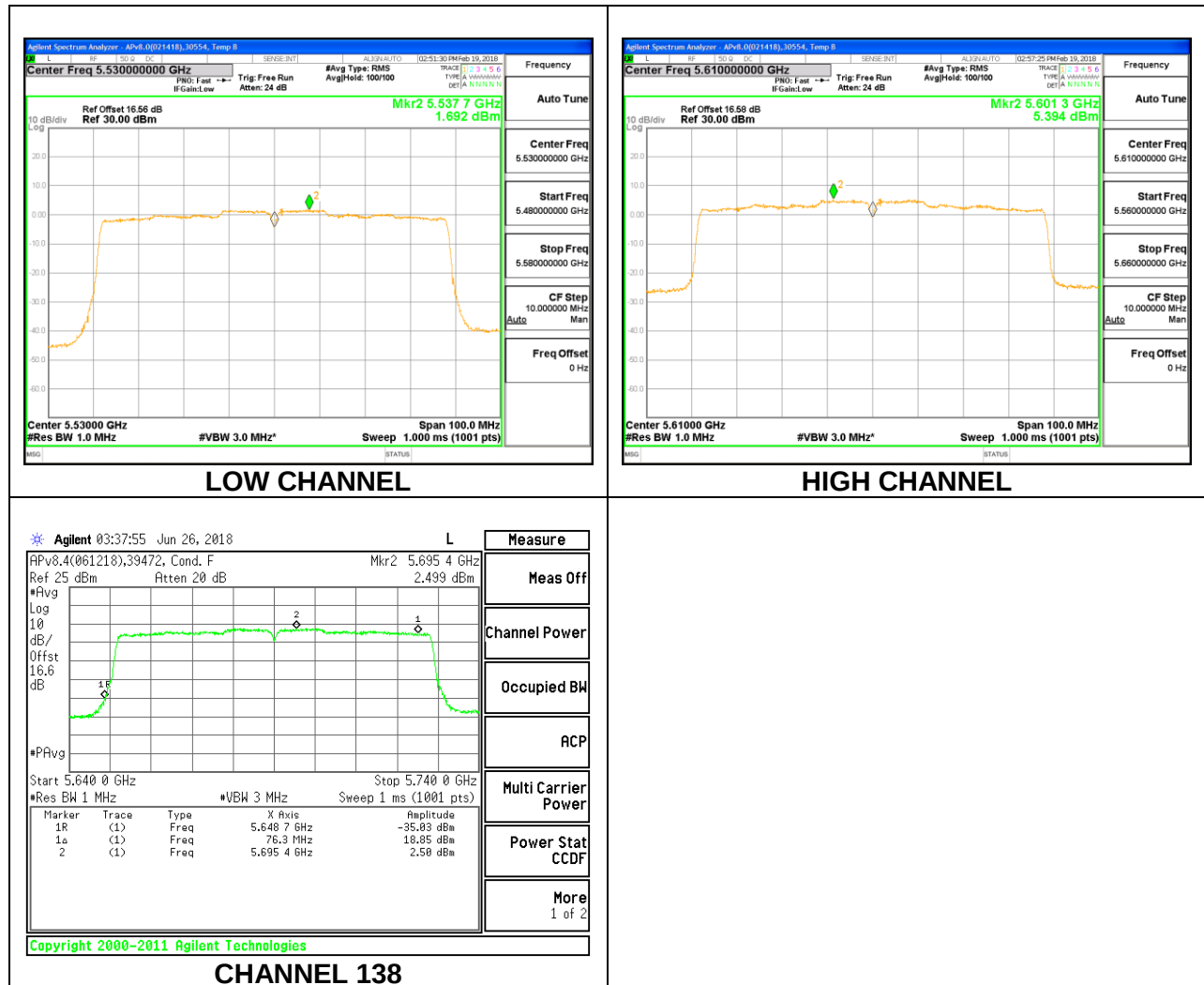
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd Power (Ch 138) & PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	17.33	17.33	24.00	-6.67
High	5610	19.23	19.23	24.00	-4.77
138	5690	18.85	19.05	24.00	-4.95

PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	1.69	1.89	11.00	-9.11
High	5610	5.94	6.14	11.00	-4.86
138	5690	2.50	2.70	11.00	-8.30



1TX Antenna 5 Mode

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5530	82.20	-5.00	24.00	11.00
High	5610	82.60	-5.00	24.00	11.00
138	5690	82.60	-5.00	24.00	11.00

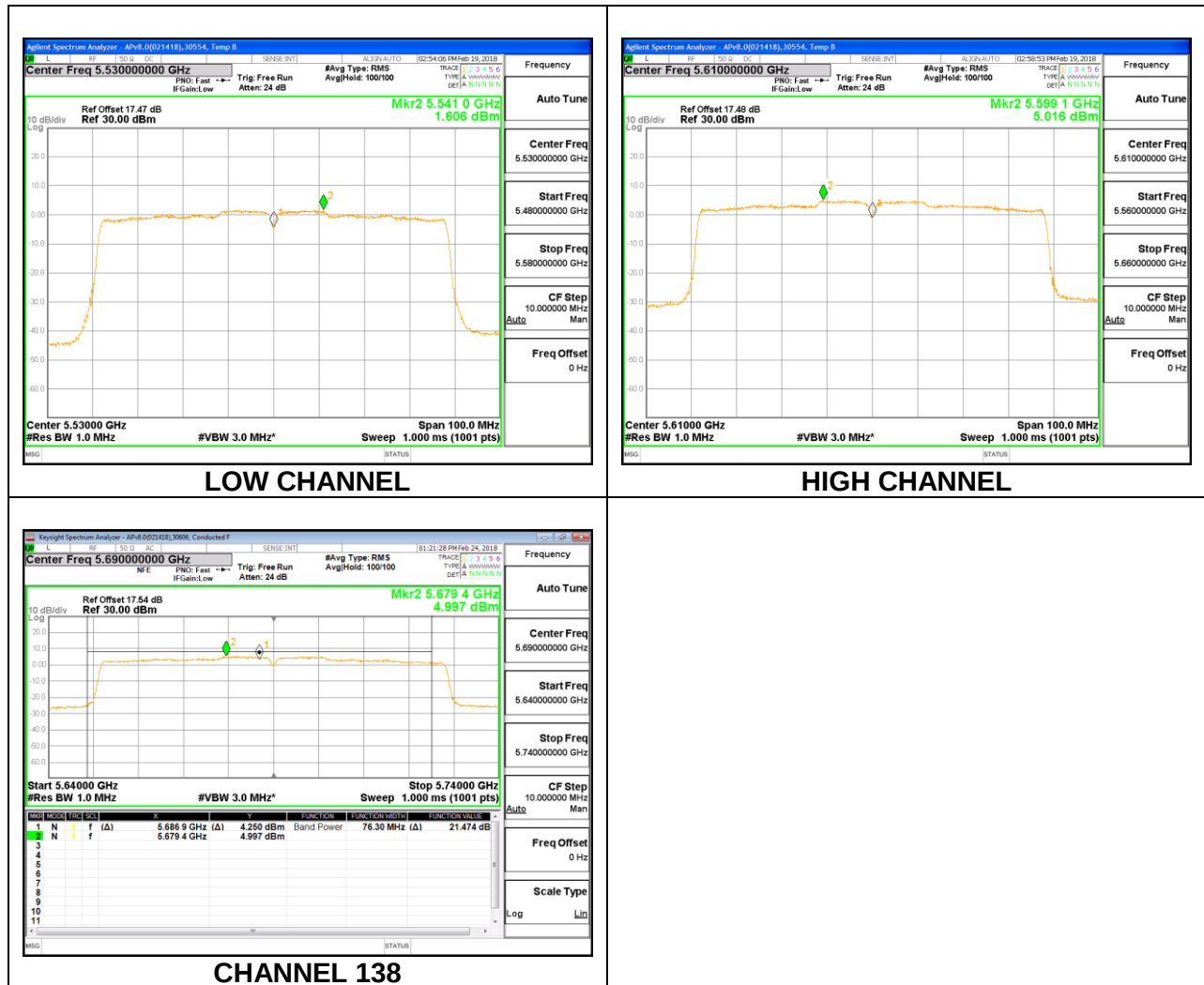
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd Power (Ch 138) & PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	17.46	17.46	24.00	-6.54
High	5610	21.89	21.89	24.00	-2.11
138	5690	21.47	21.67	24.00	-2.33

PSD Results

Channel	Frequency (MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	1.61	1.81	11.00	-9.19
High	5610	5.02	5.22	11.00	-5.78
138	5690	5.00	5.20	11.00	-5.80



2TX Antenna 6 + Antenna 5 CDD MODE

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5530	82.40	-3.11	-0.24	24.00	11.00
High	5610	82.40	-3.11	-0.24	24.00	11.00
138	5690	82.00	-3.11	-0.24	24.00	11.00

Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd Power (Ch 138) & PSD
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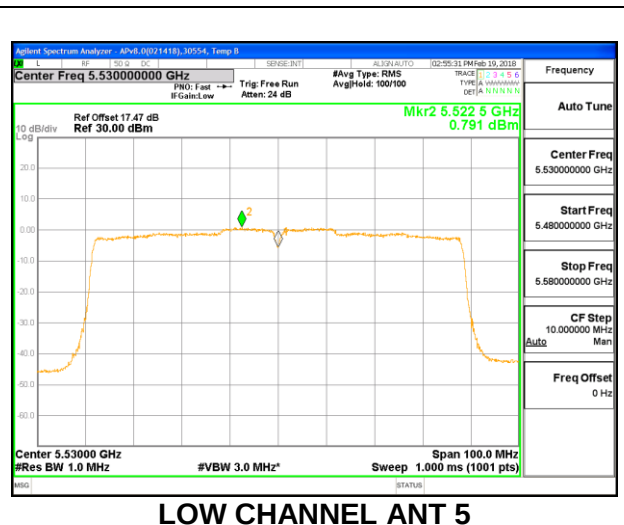
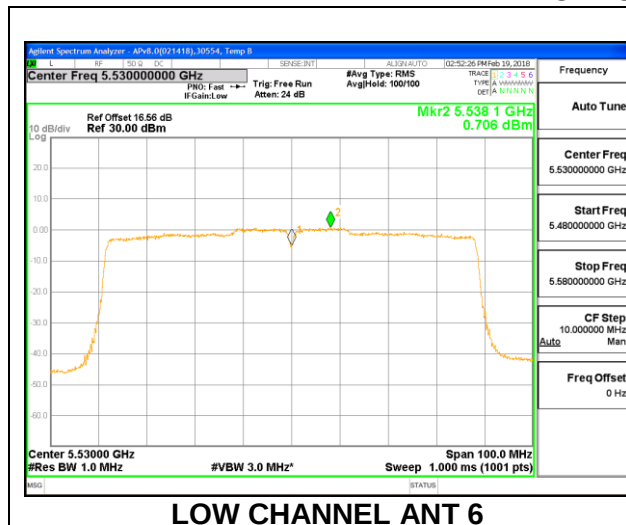
Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	16.40	16.39	19.41	24.00	-4.59
High	5610	19.44	19.97	22.72	24.00	-1.28
138	5690	18.89	19.49	22.41	24.00	-1.59

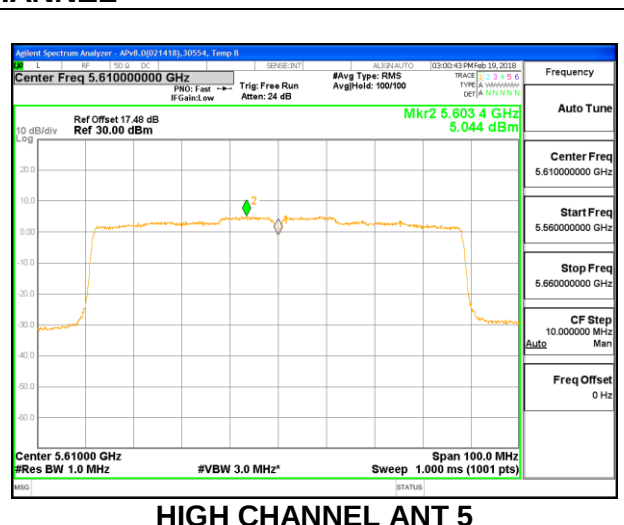
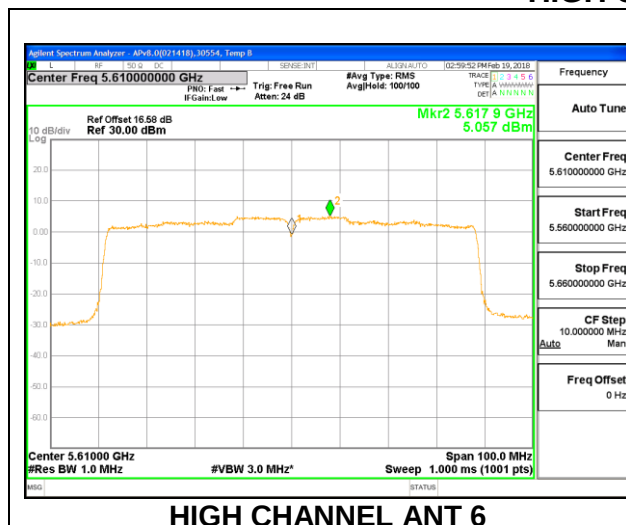
PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/ 1MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	0.71	0.79	3.96	11.00	-7.04
High	5610	5.06	5.04	8.26	11.00	-2.74
138	5690	2.65	3.38	6.24	11.00	-4.76

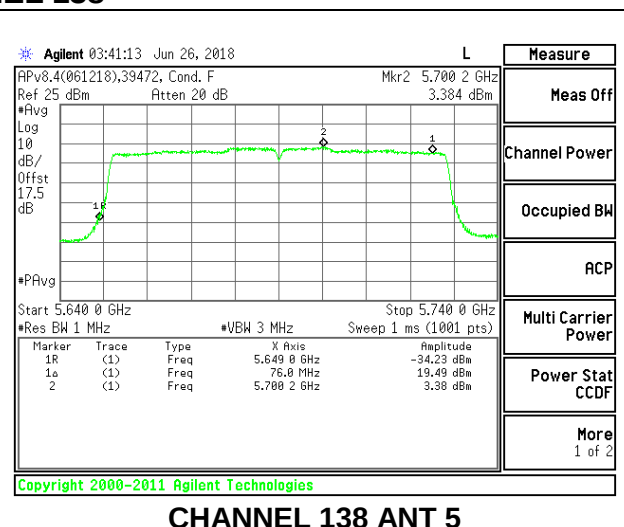
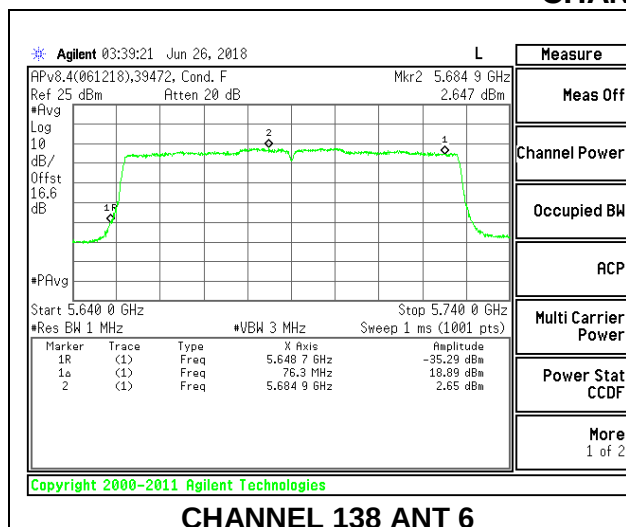
LOW CHANNEL



HIGH CHANNEL



CHANNEL 138



8.5.10. 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 Mode

Antenna Gain and Limit

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5745	22.05	-2.20	30.00	30.00
Mid	5785	21.90	-2.20	30.00	30.00
High	5825	22.05	-2.20	30.00	30.00
144	5720	21.90	-2.20	30.00	30.00

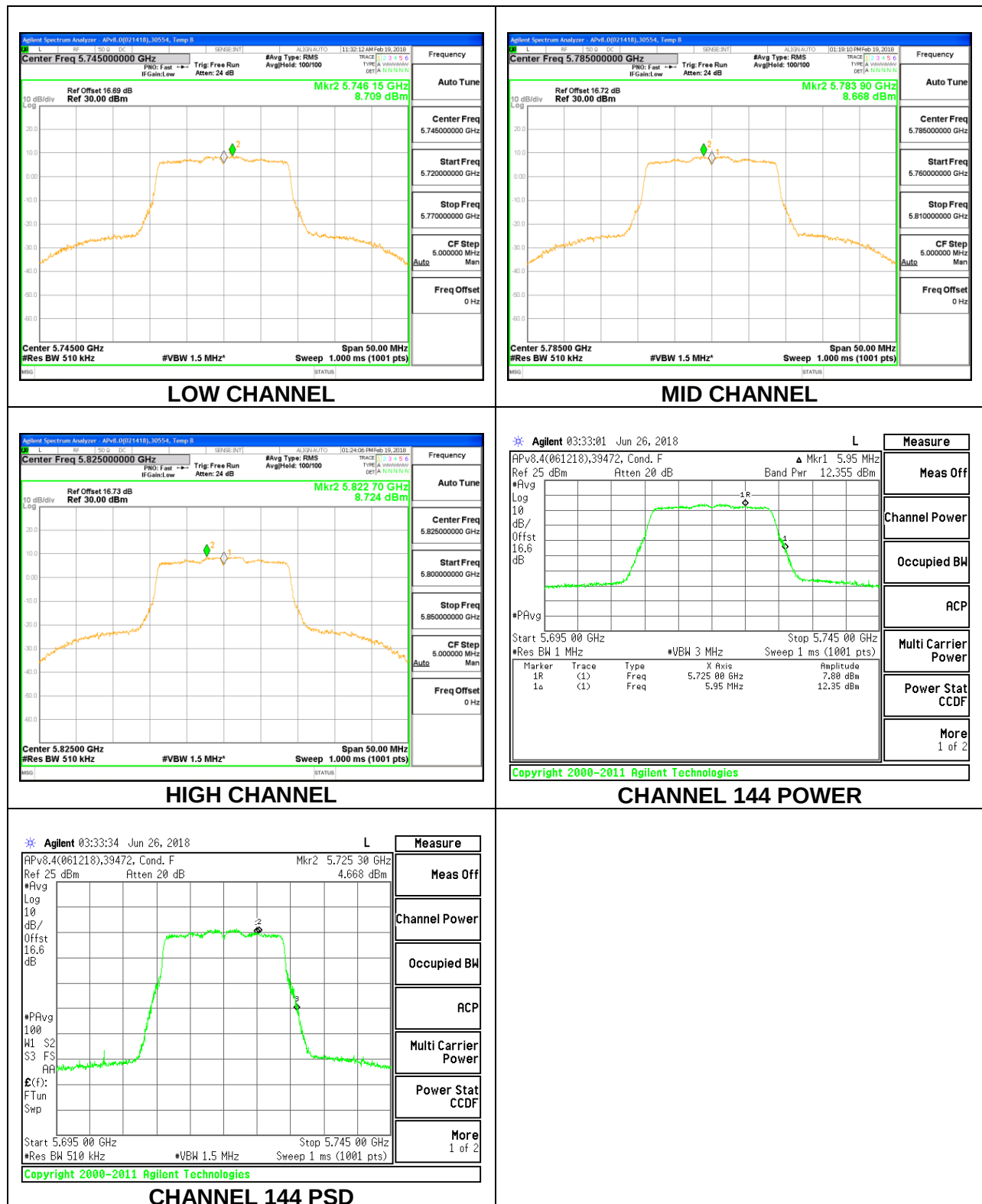
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power (Ch 144) & PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.75	21.75	30.00	-8.25
Mid	5785	21.82	21.82	30.00	-8.18
High	5825	21.88	21.88	30.00	-8.12
144	5720	12.36	12.36	30.00	-17.65

PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	8.71	8.71	30.00	-21.29
Mid	5785	8.67	8.67	30.00	-21.33
High	5825	8.72	8.72	30.00	-21.28
144	5720	4.67	4.67	30.00	-25.33



1TX Antenna 5 Mode

Antenna Gain and Limit

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5745	22.10	-5.70	30.00	30.00
Mid	5785	21.85	-5.70	30.00	30.00
High	5825	21.95	-5.70	30.00	30.00
144	5720	22.15	-5.70	30.00	30.00

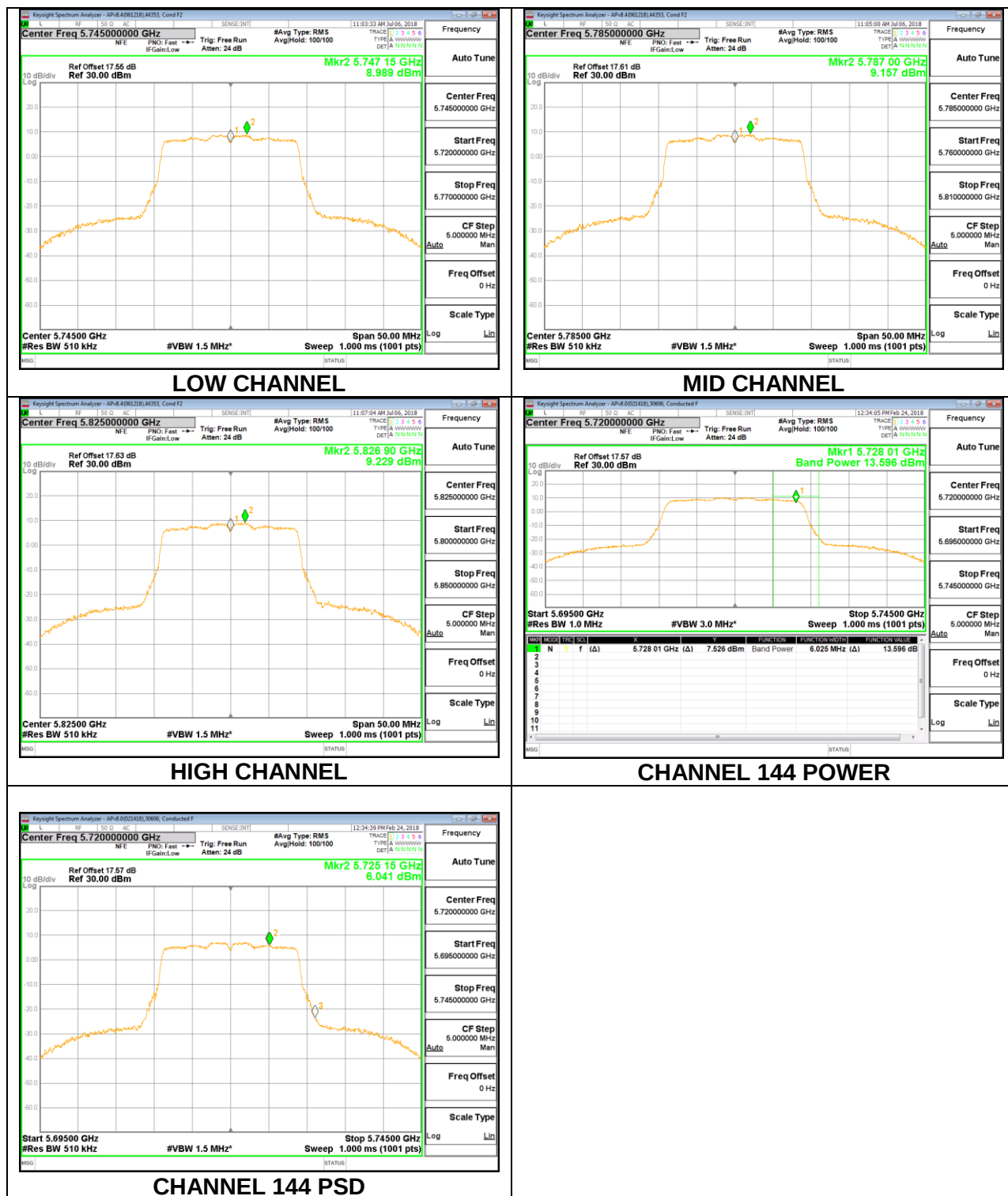
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power (Ch 144) & PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	22.49	22.49	30.00	-7.51
Mid	5785	22.45	22.45	30.00	-7.55
High	5825	22.48	22.48	30.00	-7.52
144	5720	13.60	13.60	30.00	-16.40

PSD Results

Channel	Frequency (MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	8.99	8.99	30.00	-21.01
Mid	5785	9.16	9.16	30.00	-20.84
High	5825	9.23	9.23	30.00	-20.77
144	5720	6.04	6.04	30.00	-23.96



2TX Antenna 6 + Antenna 5 CDD MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5745	21.70	-3.61	-0.76	30.00	30.00
Mid	5785	21.70	-3.61	-0.76	30.00	30.00
High	5825	21.60	-3.61	-0.76	30.00	30.00
144	5720	21.65	-3.61	-0.76	30.00	30.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power (Ch 144) & PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.85	22.48	25.19	30.00	-4.81
Mid	5785	21.94	22.37	25.17	30.00	-4.83
High	5825	21.81	22.43	25.14	30.00	-4.86
144	5720	10.38	10.38	13.39	30.00	-16.61

PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/ 1MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	8.61	8.37	11.50	30.00	-18.50
Mid	5785	8.71	8.53	11.63	30.00	-18.37
High	5825	8.89	8.70	11.81	30.00	-18.19
144	5720	2.97	2.91	5.95	30.00	-24.05

The figure displays two side-by-side Agilent Spectrum Analyzer screenshots, labeled 'LOW CHANNEL ANT 6' and 'LOW CHANNEL ANT 5'. Both plots show a flat noise floor with a small peak at 5.745 GHz. The peak is labeled 'Mkr2' with a power of 5.746 05 GHz and 8.607 dBm for ANT 6, and 5.743 90 GHz and 8.371 dBm for ANT 5. The plots include parameters like Center Freq, Span, Res BW, and various offsets.

The figure displays two side-by-side Agilent Spectrum Analyzer screenshots. Both plots show the frequency response of a mid-channel antenna. The left plot is for 'MID CHANNEL ANT 6' and the right plot is for 'MID CHANNEL ANT 5'. Both plots show a flat response around 5.785 GHz with a peak level of approximately 8 dBm. The left plot is for Ant 6 and the right plot is for Ant 5.

Left Plot (MID CHANNEL ANT 6):

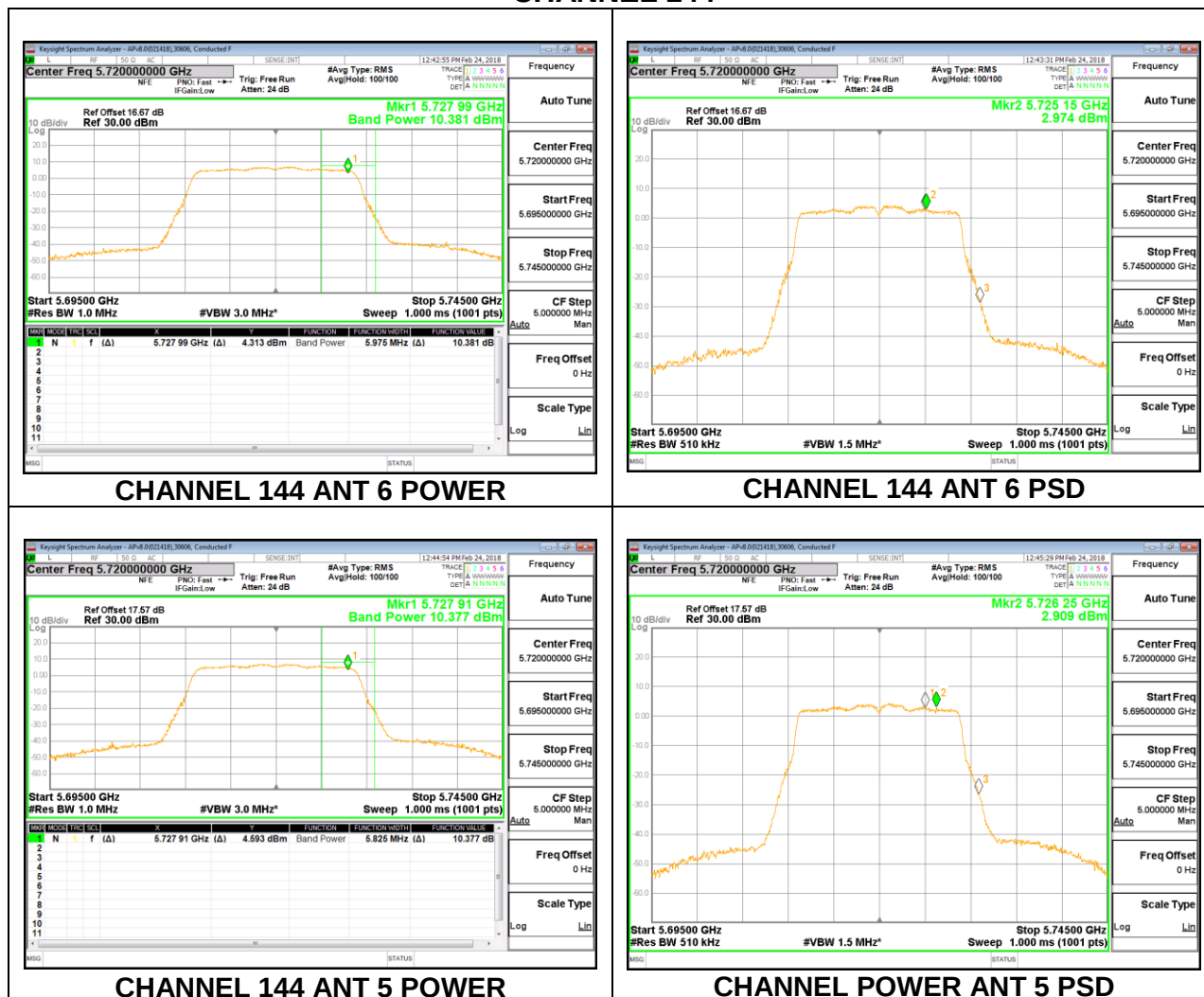
- Center Freq: 5.785000000 GHz
- Ref Offset: 16.72 dB
- Ref: 30.00 dBm
- Mkr2: 5.783 60 GHz
- 8.708 dBm
- Span: 50.00 MHz
- Sweep: 1.000 ms (1001 pts)

Right Plot (MID CHANNEL ANT 5):

- Center Freq: 5.785000000 GHz
- Ref Offset: 17.82 dB
- Ref: 30.00 dBm
- Mkr2: 5.786 10 GHz
- 8.528 dBm
- Span: 50.00 MHz
- Sweep: 1.000 ms (1001 pts)

The figure displays two side-by-side Agilent Spectrum Analyzer screenshots, labeled 'HIGH CHANNEL ANT 6' and 'HIGH CHANNEL ANT 5'. Both plots show the frequency spectrum of a signal centered at 5.825 GHz with a span of 50.0 MHz. The left plot for Ant 6 shows a peak at 5.82630 GHz (8.885 dBm). The right plot for Ant 5 shows a peak at 5.82630 GHz (8.704 dBm). Both plots show a signal centered at 5.825 GHz with a span of 50.0 MHz. The left plot for Ant 6 shows a peak at 5.82630 GHz (8.885 dBm). The right plot for Ant 5 shows a peak at 5.82630 GHz (8.704 dBm).

CHANNEL 144



8.5.11. 802.11n HT40 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 Mode

Antenna Gain and Limit

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5755	40.50	-2.20	30.00	30.00
High	5795	40.40	-2.20	30.00	30.00
142	5710	40.60	-2.20	30.00	30.00

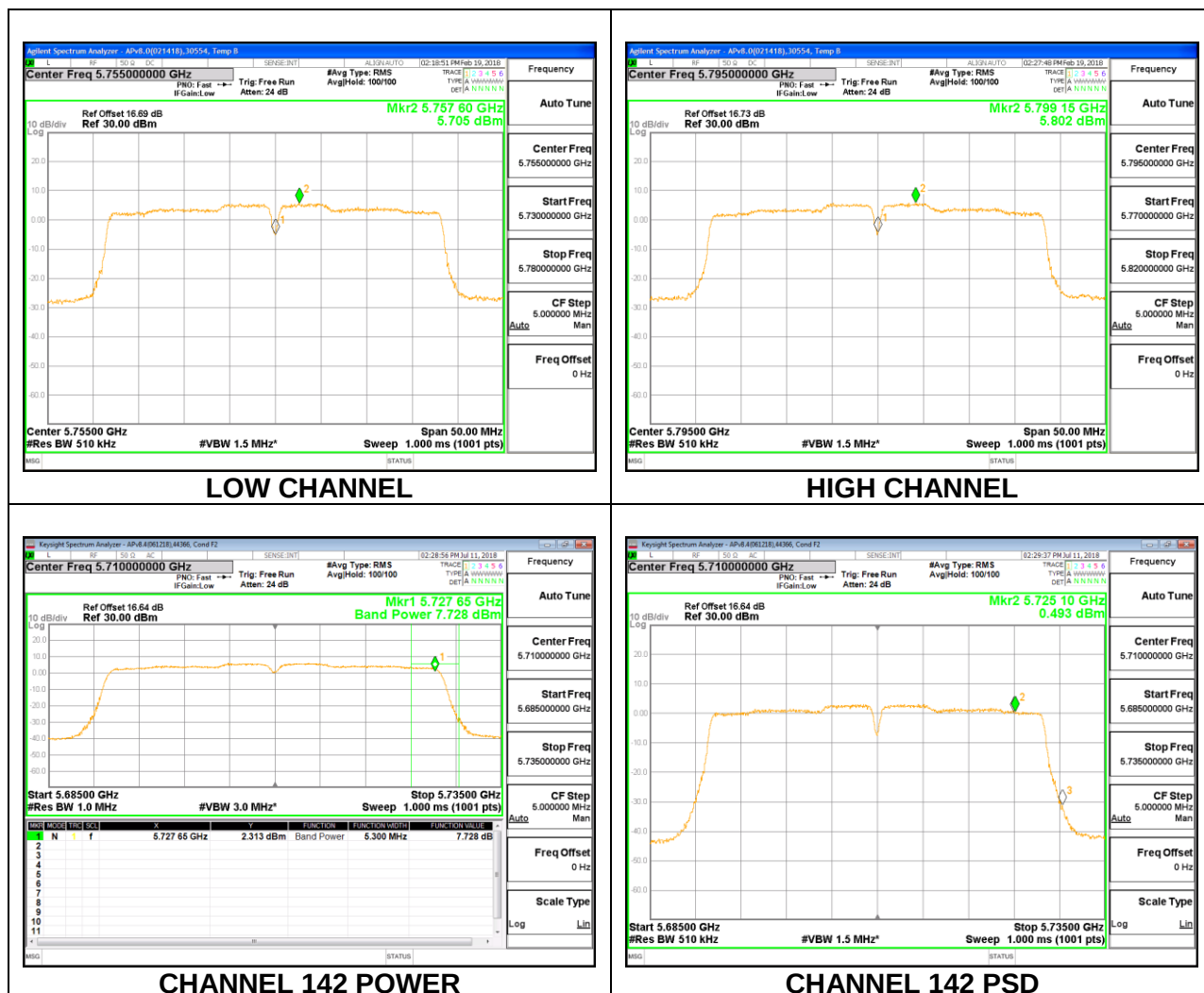
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd Power (Ch 142) & PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.83	21.83	30.00	-8.17
High	5795	21.79	21.79	30.00	-8.21
142	5710	7.73	7.82	30.00	-22.18

PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	5.71	5.80	30.00	-24.21
High	5795	5.80	5.89	30.00	-24.11
142	5710	0.49	0.58	30.00	-29.42



1TX Antenna 5 Mode

Antenna Gain and Limit

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5755	40.50	-5.70	30.00	30.00
High	5795	40.50	-5.70	30.00	30.00
142	5710	40.50	-5.70	30.00	30.00

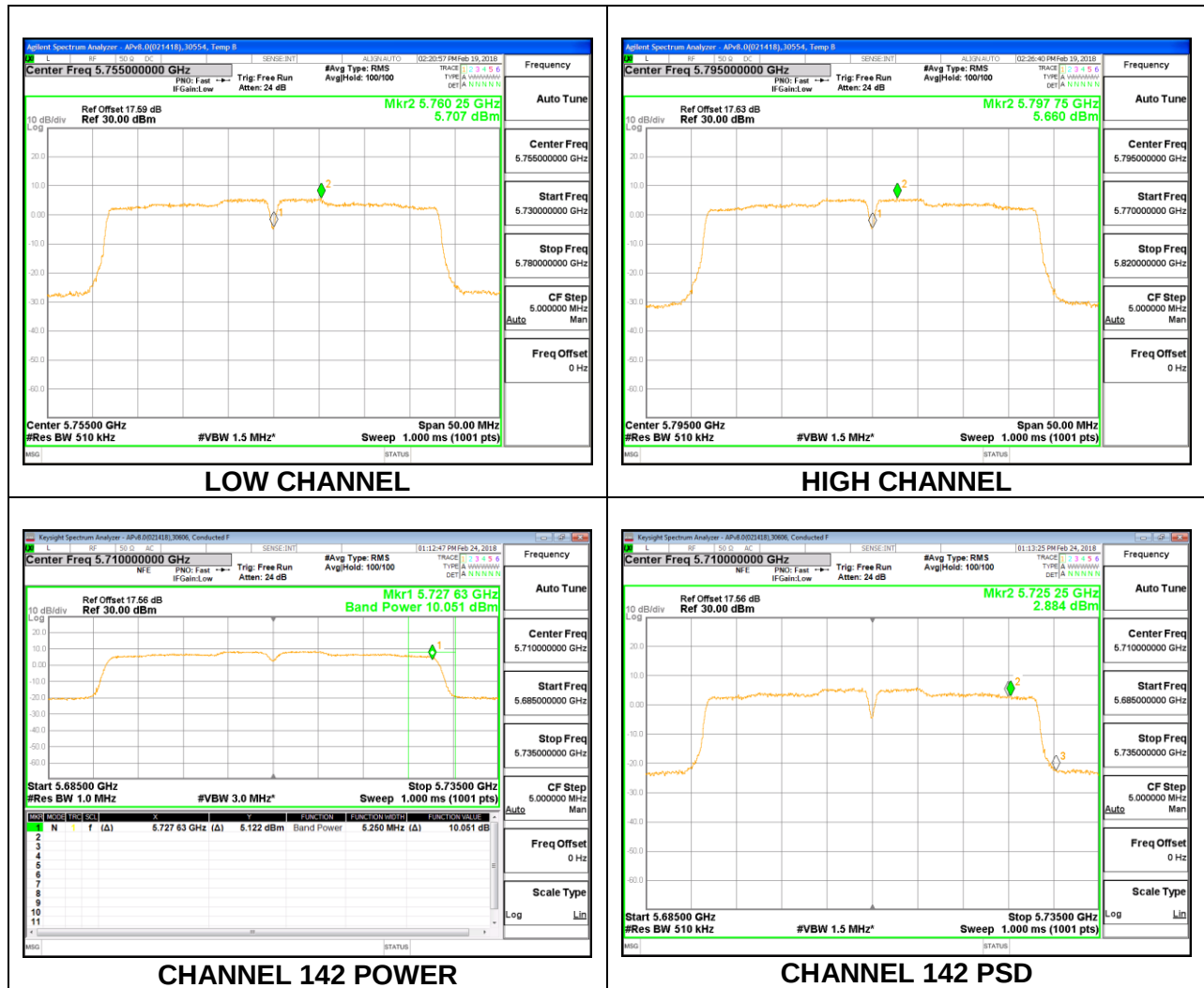
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd Power (Ch 142) & PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.81	21.81	30.00	-8.19
High	5795	21.75	21.75	30.00	-8.25
142	5710	10.05	10.14	30.00	-19.86

PSD Results

Channel	Frequency (MHz)	Ant 5 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	5.707	5.797	30.00	-24.20
High	5795	5.660	5.750	30.00	-24.25
142	5710	2.884	2.974	30.00	-27.03



2TX Antenna 6 + Antenna 5 CDD MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5755	40.20	-3.61	-0.76	30.00	30.00
High	5795	40.00	-3.61	-0.76	30.00	30.00
142	5710	40.10	-3.61	-0.76	30.00	30.00

Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd Power (Ch 142) & PSD
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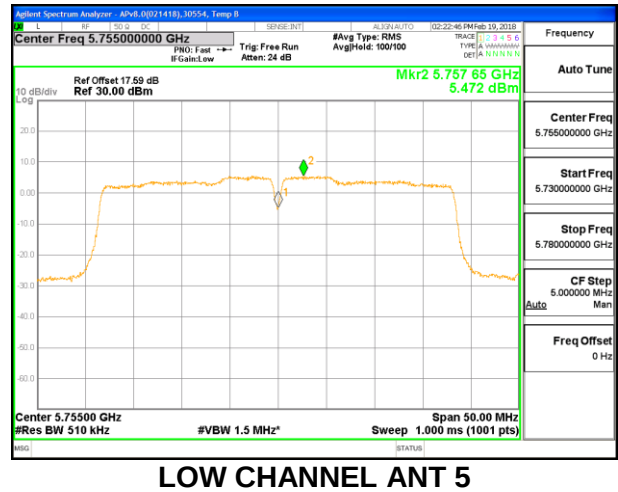
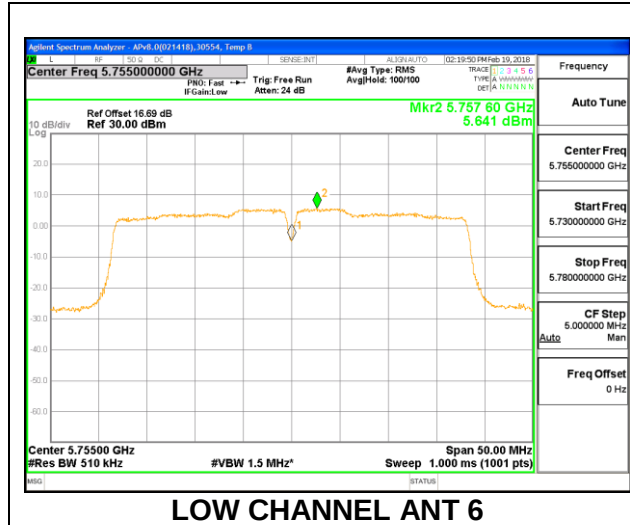
Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.77	21.79	24.79	30.00	-5.21
High	5795	21.81	21.83	24.83	30.00	-5.17
142	5710	7.65	7.95	10.90	30.00	-19.10

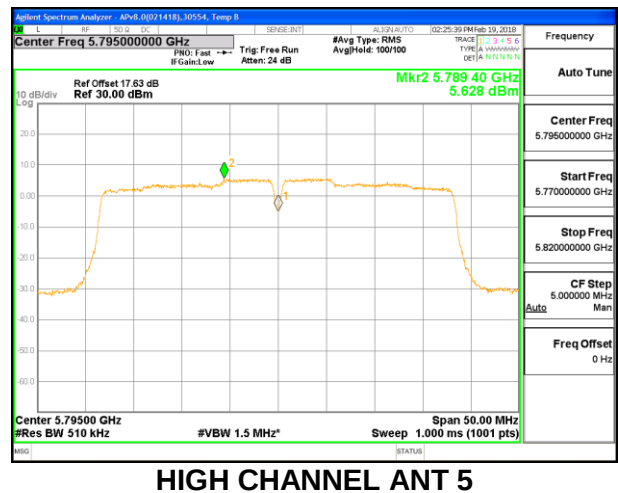
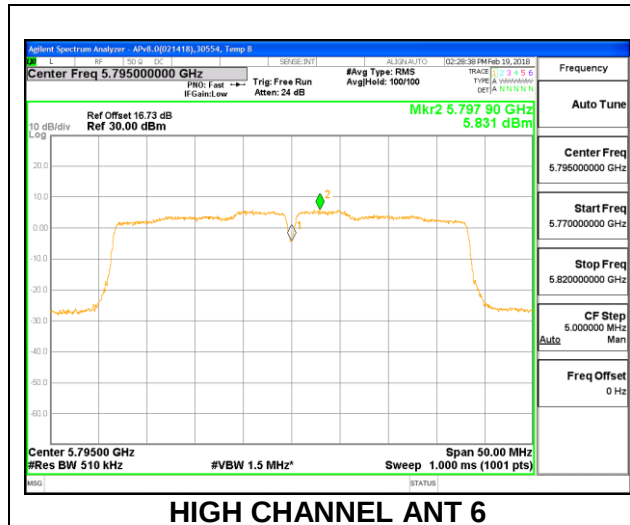
PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/ 1MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	5.64	5.47	8.66	30.00	-21.34
High	5795	5.83	5.63	8.83	30.00	-21.17
142	5710	0.70	0.75	3.82	30.00	-26.18

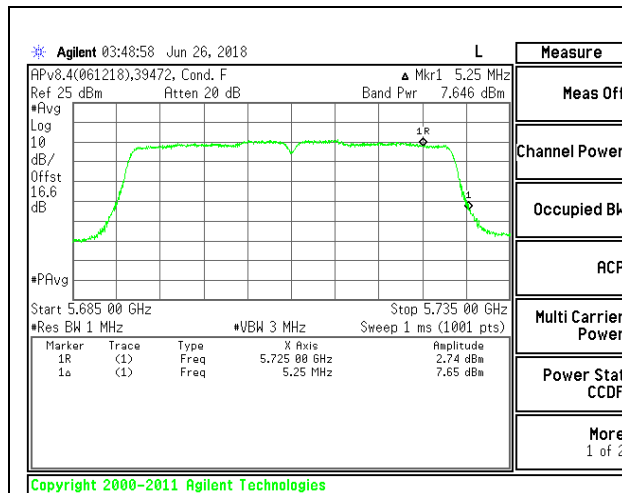
LOW CHANNEL



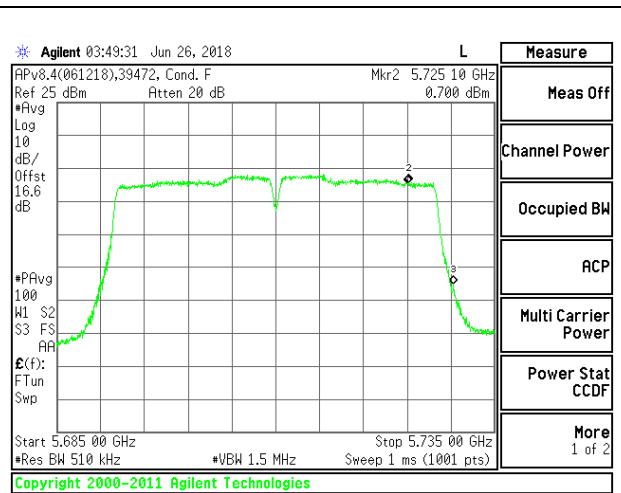
HIGH CHANNEL



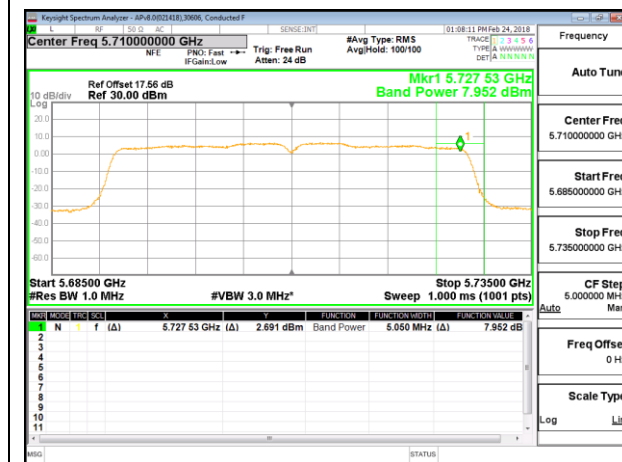
CHANNEL 142



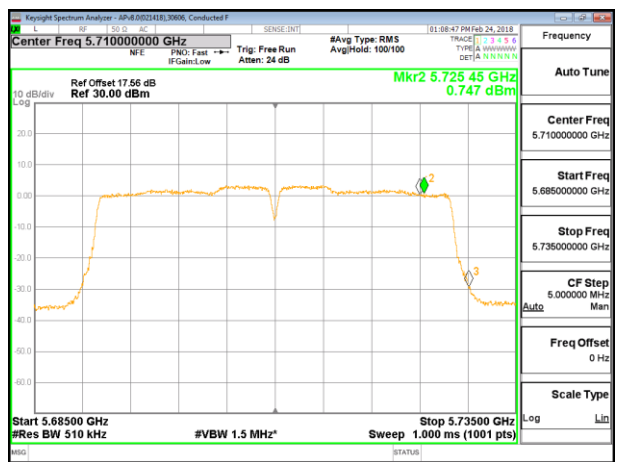
CHANNEL 142 ANT 6 POWER



CHANNEL 142 ANT 6 PSD



CHANNEL 142 ANT 5 POWER



CHANNEL 142 ANT 5 PSD

8.5.12. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 Mode

Antenna Gain and Limit

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5775	82.60	-2.20	30.00	30.00
138	5690	82.60	-2.20	30.00	30.00

Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd Power (Ch 138) & PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.75	21.75	30.00	-8.25
138	5690	4.17	4.37	30.00	-25.63

PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	2.499	2.699	30.00	-27.30
138	5690	-2.681	-2.481	30.00	-32.48