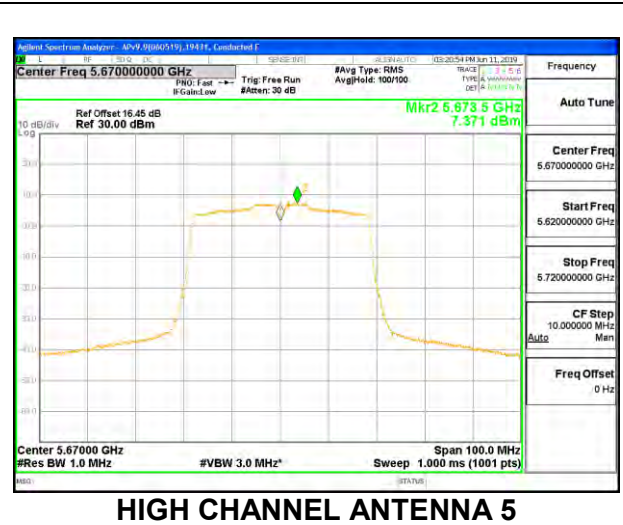
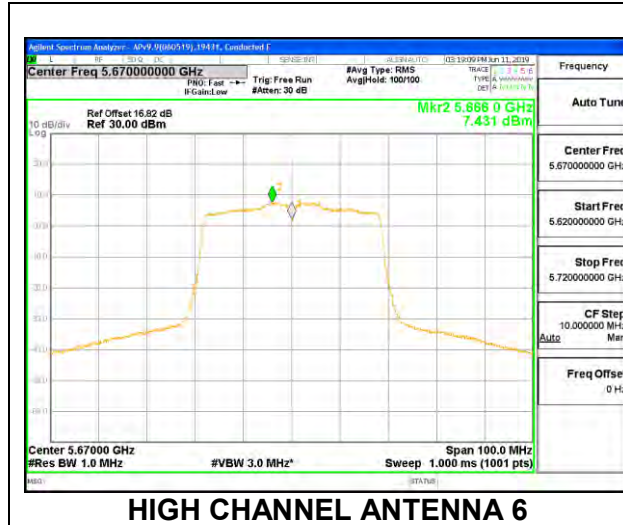
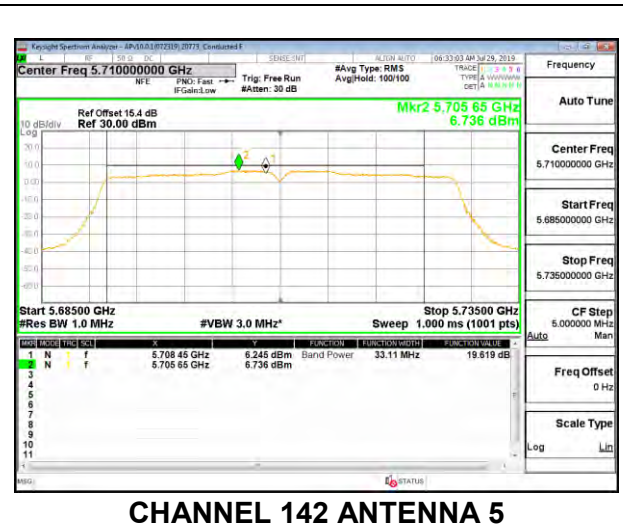
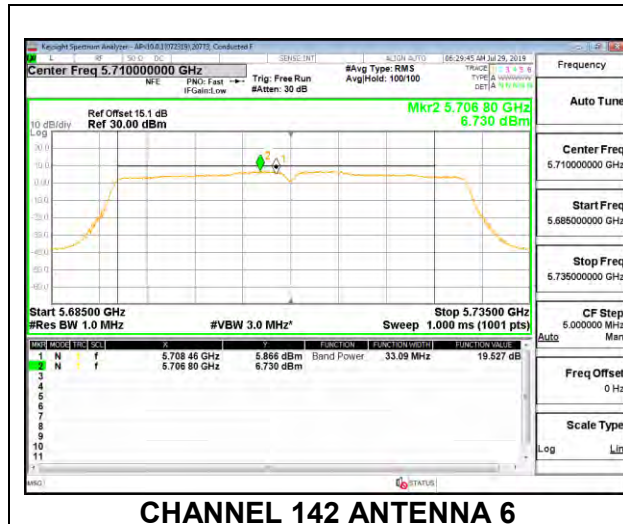


HIGH CHANNEL



CHANNEL 142



8.5.15. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC+IC)

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	85.20	75.8800	-3.10
High	5610	85.40	75.6840	-3.10
138	5690	85.20	72.8000	-3.10

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5610	24.00	24.00	30.00	24.00	11.00	11.00	11.00
138	5690	24.00	24.00	30.00	24.00	11.00	11.00	11.00

Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	16.42	16.42	24.00	-7.58
High	5610	20.89	20.89	24.00	-3.11
138	5690	20.90	20.90	24.00	-3.10

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	1.47	1.662	11.00	-9.34
High	5610	6.43	6.619	11.00	-4.38
138	5690	4.33	4.523	11.00	-6.48



1TX Antenna 5 MODE (FCC+IC)

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	84.80	75.6460	-5.60
High	5610	84.80	75.6200	-5.60
138	5690	84.80	72.7600	-5.60

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5610	24.00	24.00	30.00	24.00	11.00	11.00	11.00
138	5690	24.00	24.00	30.00	24.00	11.00	11.00	11.00

Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	16.23	16.23	24.00	-7.77
High	5610	21.40	21.40	24.00	-2.60
138	5690	21.33	21.33	24.00	-2.67

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	1.48	1.67	11.00	-9.33
High	5610	6.34	6.53	11.00	-4.47
138	5690	5.21	5.40	11.00	-5.60



2TX Antenna 6 + Antenna 5 CDD MODE (FCC+IC)

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	84.60	75.7480	-4.17	-1.25
High	5610	84.80	75.4980	-4.17	-1.25
138	5690	84.40	72.8300	-4.17	-1.25

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5610	24.00	24.00	30.00	24.00	11.00	11.00	11.00
138	5690	24.00	24.00	30.00	24.00	11.00	11.00	11.00

Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd Power & PSD
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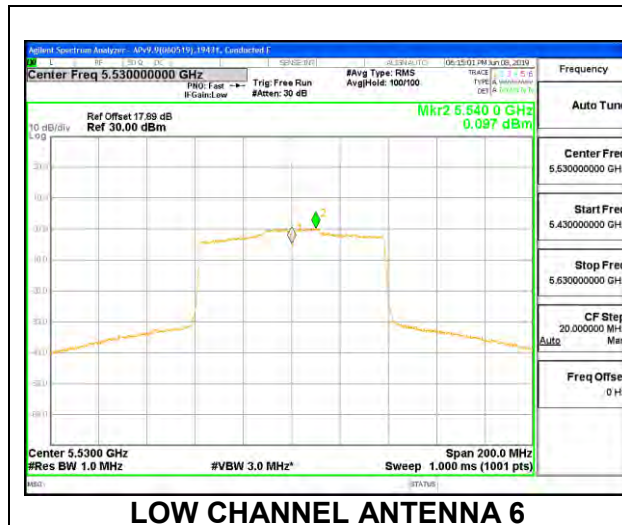
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.79	14.81	17.81	24.00	-6.19
High	5610	19.80	19.84	22.83	24.00	-1.17
138	5690	19.91	19.89	22.91	24.00	-1.09

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 1MHz)	Antenna 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	0.10	1.13	3.843	11.00	-7.16
High	5610	6.51	6.55	9.728	11.00	-1.27
138	5690	3.70	3.68	6.891	11.00	-4.11

LOW CHANNEL

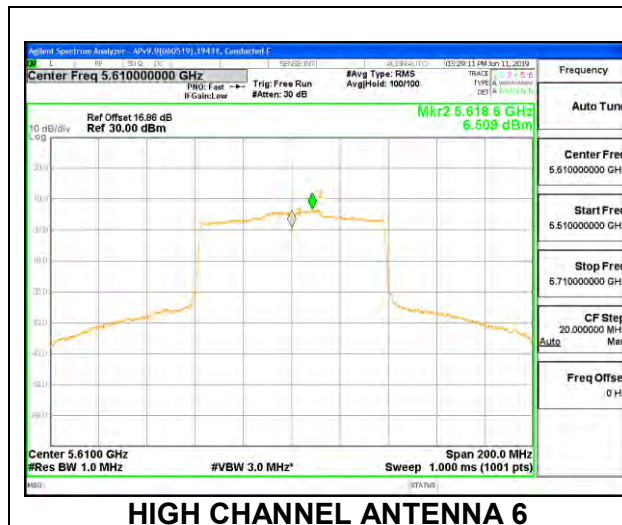


LOW CHANNEL ANTENNA 6



LOW CHANNEL ANTENNA 5

HIGH CHANNEL

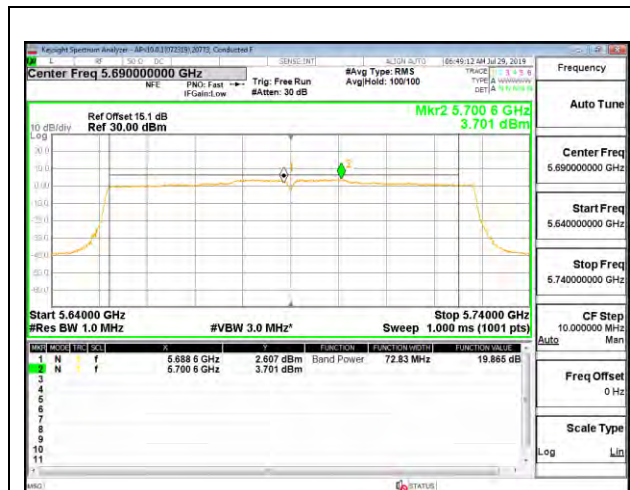


HIGH CHANNEL ANTENNA 6

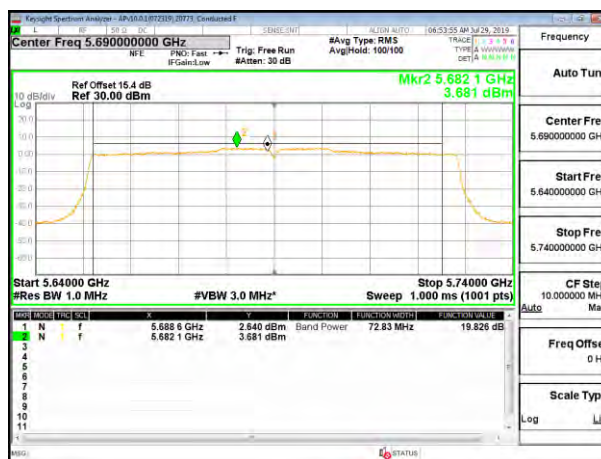


HIGH CHANNEL ANTENNA 5

CHANNEL 138



CHANNEL 138 ANTENNA 6



CHANNEL 138 ANTENNA 5

8.5.16. 802.11ax HE20 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC+IC) – 242 Tones, RU Index 61

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5500	22.30	19.0150	-3.1
Mid	5580	22.20	18.6340	-3.1
High	5700	22.10	19.0370	-3.1
144	5720	16.23	14.5145	-3.1

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5500	24.00	23.79	29.79	23.79	11.00	11.00	11.00
Mid	5580	24.00	23.70	29.70	23.70	11.00	11.00	11.00
High	5700	24.00	23.80	29.80	23.80	11.00	11.00	11.00
144	5720	23.10	22.62	28.62	22.62	11.00	11.00	11.00

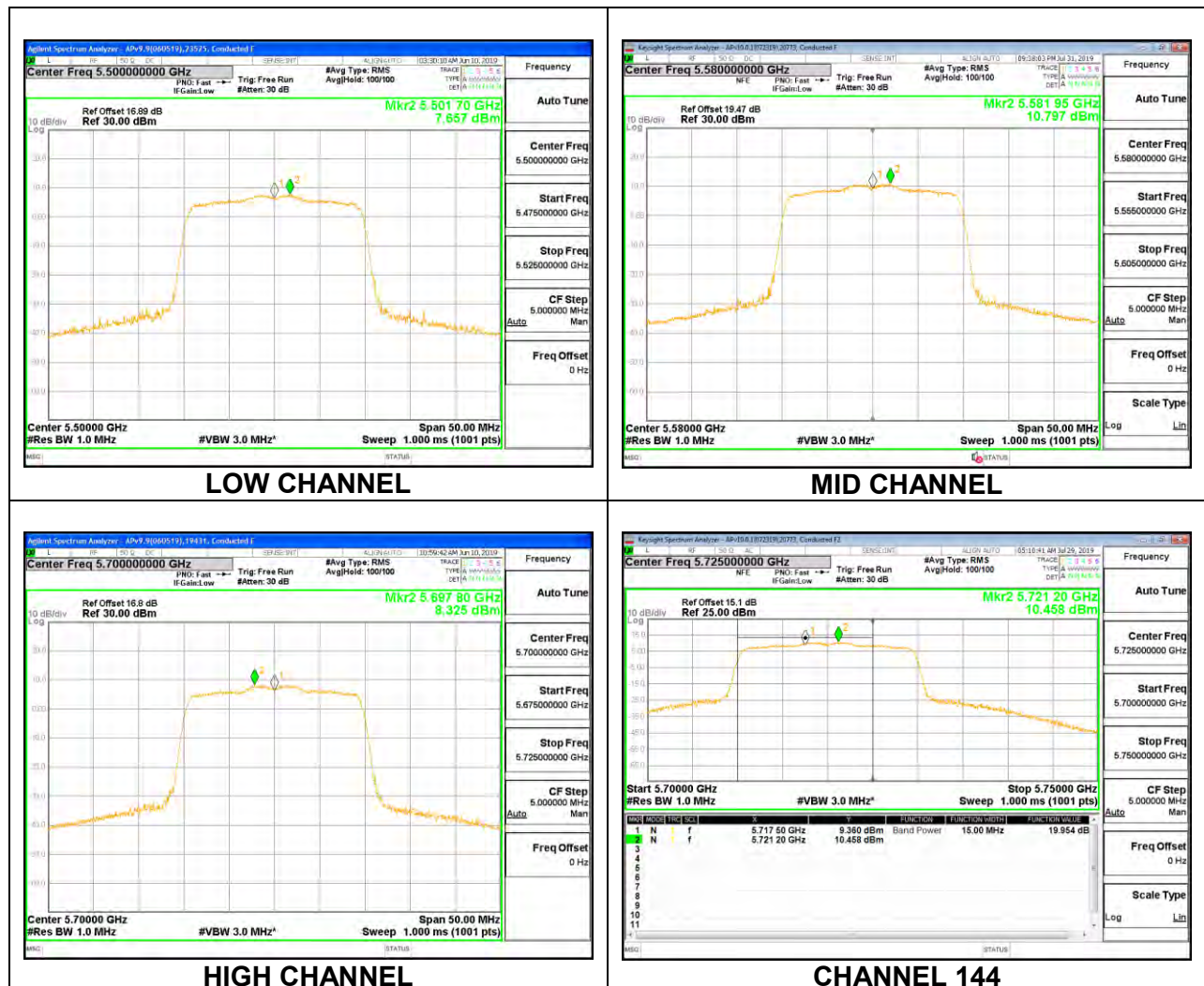
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.90	17.90	23.79	-5.89
Mid	5580	20.87	20.87	23.70	-2.83
High	5700	16.29	16.29	23.80	-7.51
144	5720	20.78	20.78	22.62	-1.84

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	7.66	7.66	11.00	-3.34
Mid	5580	10.80	10.80	11.00	-0.20
High	5700	8.33	8.33	11.00	-2.68
144	5720	10.46	10.46	11.00	-0.54



1TX Antenna 6 MODE (FCC+IC) – 26 Tones, RU Index 0

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5500	21.30	18.5070	-3.1
Mid	5580	21.15	18.4130	-3.1
High	5700	21.10	18.5260	-3.1
144	5720	15.70	14.2560	-3.1

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5500	24.00	23.67	29.67	23.67	11.00	11.00	11.00
Mid	5580	24.00	23.65	29.65	23.65	11.00	11.00	11.00
High	5700	24.00	23.68	29.68	23.68	11.00	11.00	11.00
144	5720	22.96	22.54	28.54	22.54	11.00	11.00	11.00

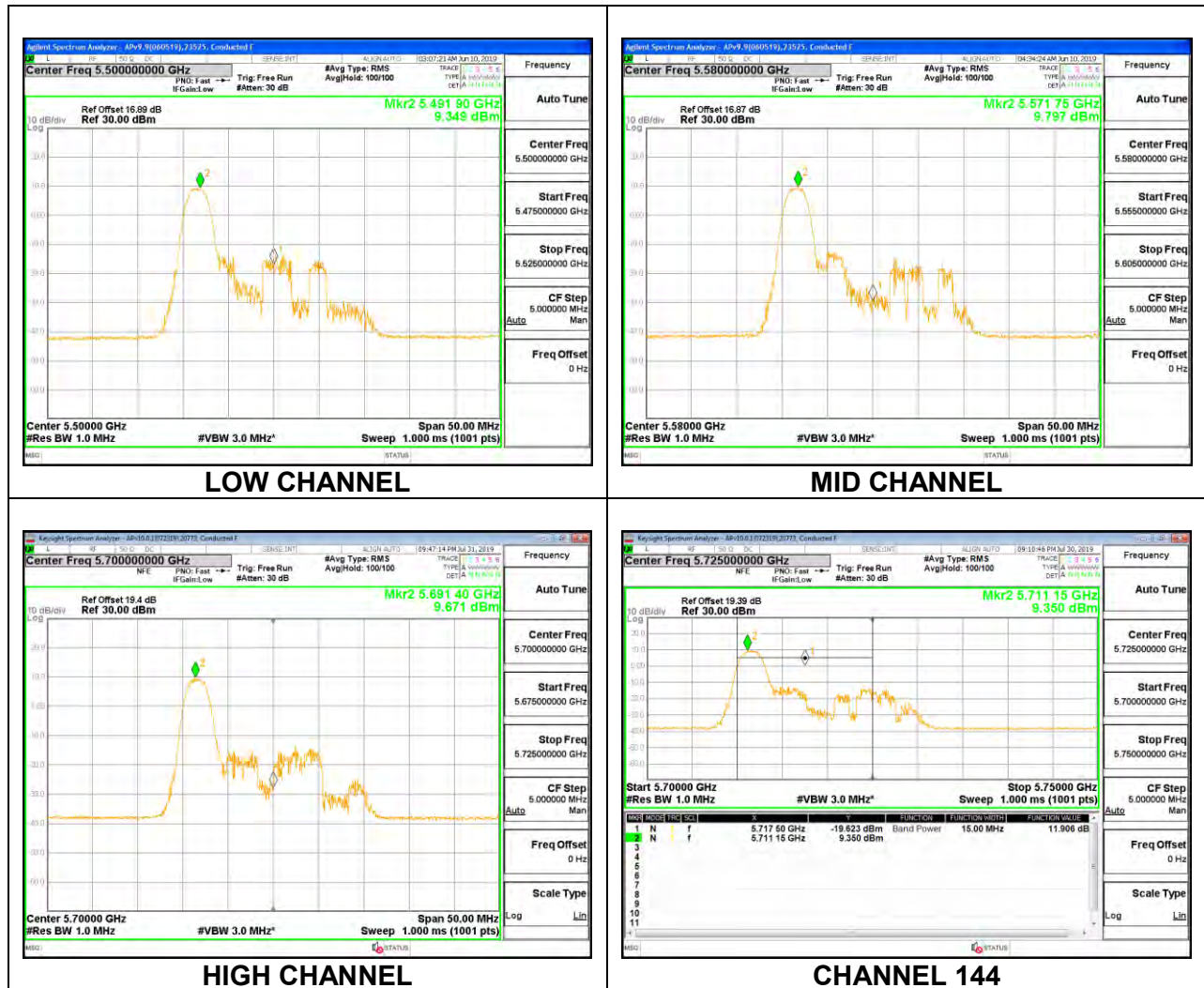
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.78	11.78	23.67	-11.89
Mid	5580	11.84	11.84	23.65	-11.81
High	5700	11.79	11.79	23.68	-11.89
144	5720	11.95	11.95	22.54	-10.59

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	9.35	9.35	11.00	-1.65
Mid	5580	9.80	9.80	11.00	-1.20
High	5700	9.67	9.67	11.00	-1.33
144	5720	9.35	9.35	11.00	-1.65



1TX Antenna 6 MODE (FCC+IC) – 26 Tones, RU Index 4

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5500	20.65	17.2170	-3.1
Mid	5580	20.60	17.1220	-3.1
High	5700	20.45	17.1800	-3.1
144	5720	15.30	13.6410	-3.1

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5500	24.00	23.36	29.36	23.36	11.00	11.00	11.00
Mid	5580	24.00	23.34	29.34	23.34	11.00	11.00	11.00
High	5700	24.00	23.35	29.35	23.35	11.00	11.00	11.00
144	5720	22.85	22.35	28.35	22.35	11.00	11.00	11.00

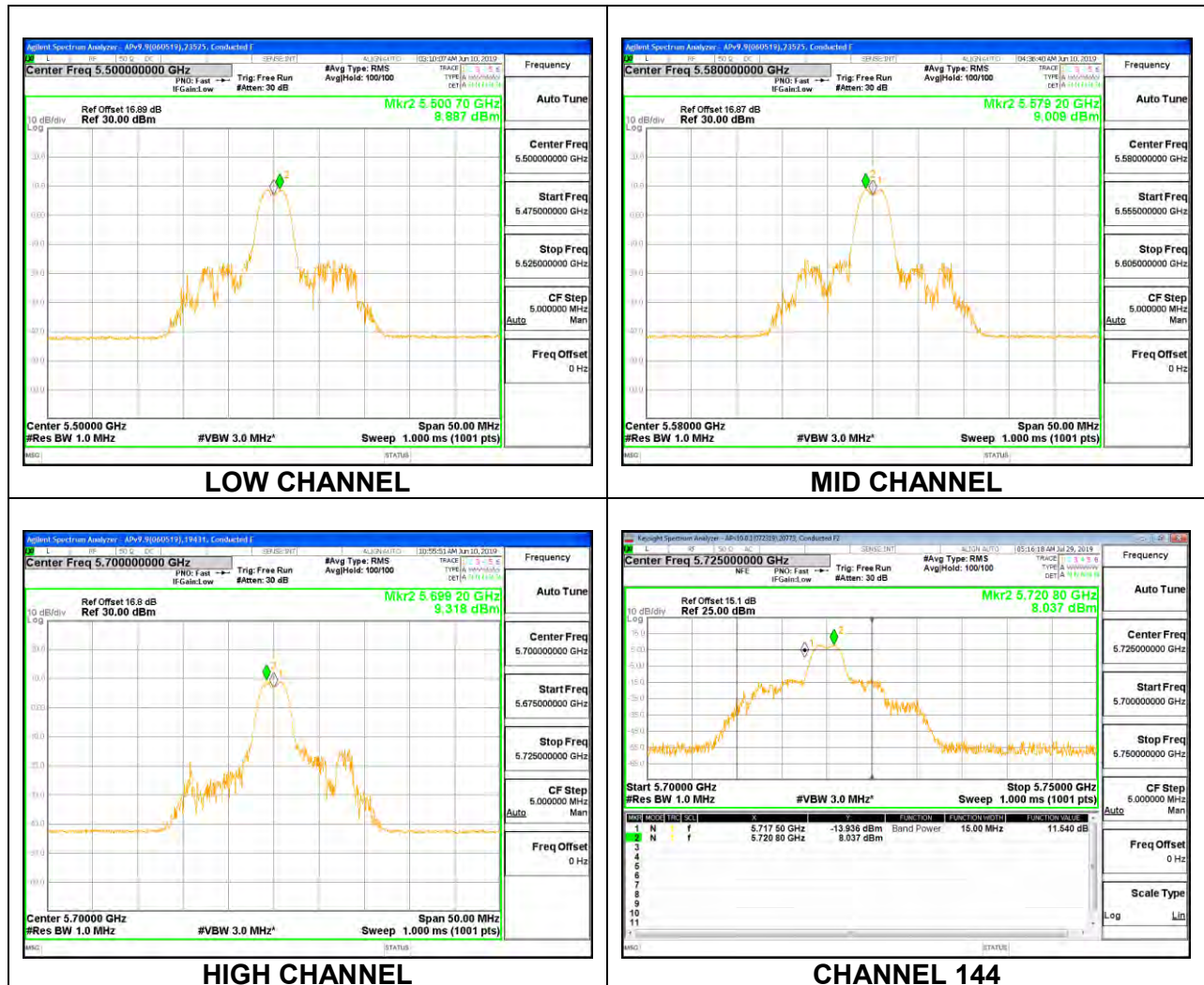
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.83	11.83	23.36	-11.53
Mid	5580	11.80	11.80	23.34	-11.54
High	5700	11.94	11.94	23.35	-11.41
144	5720	11.81	11.81	22.35	-10.54

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	8.89	8.89	11.00	-2.11
Mid	5580	9.01	9.01	11.00	-1.99
High	5700	9.32	9.32	11.00	-1.68
144	5720	8.04	8.04	11.00	-2.96



1TX Antenna 6 MODE (FCC+IC) – 26 Tones, RU Index 8

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5500	21.70	18.6500	-3.1
Mid	5580	21.60	18.5640	-3.1
High	5700	21.60	18.6080	-3.1
144	5720	15.73	14.3480	-3.1

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5500	24.00	23.71	29.71	23.71	11.00	11.00	11.00
Mid	5580	24.00	23.69	29.69	23.69	11.00	11.00	11.00
High	5700	24.00	23.70	29.70	23.70	11.00	11.00	11.00
144	5720	22.97	22.57	28.57	22.57	11.00	11.00	11.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.68	11.68	23.71	-12.03
Mid	5580	11.77	11.77	23.69	-11.92
High	5700	11.79	11.79	23.70	-11.91
144	5720	11.69	11.69	22.57	-10.88

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	9.45	9.45	11.00	-1.55
Mid	5580	9.93	9.93	11.00	-1.07
High	5700	10.16	10.16	11.00	-0.84
144	5720	-19.91	-19.91	11.00	-30.91



1TX Antenna 5 MODE (FCC+IC) – 242 Tones, RU Index 61

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5500	22.10	18.9740	-5.6
Mid	5580	22.15	18.9860	-5.6
High	5700	22.20	19.0080	-5.6
144	5720	16.10	14.5190	-5.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5500	24.00	23.78	29.78	23.78	11.00	11.00	11.00
Mid	5580	24.00	23.78	29.78	23.78	11.00	11.00	11.00
High	5700	24.00	23.79	29.79	23.79	11.00	11.00	11.00
144	5720	23.07	22.62	28.62	22.62	11.00	11.00	11.00

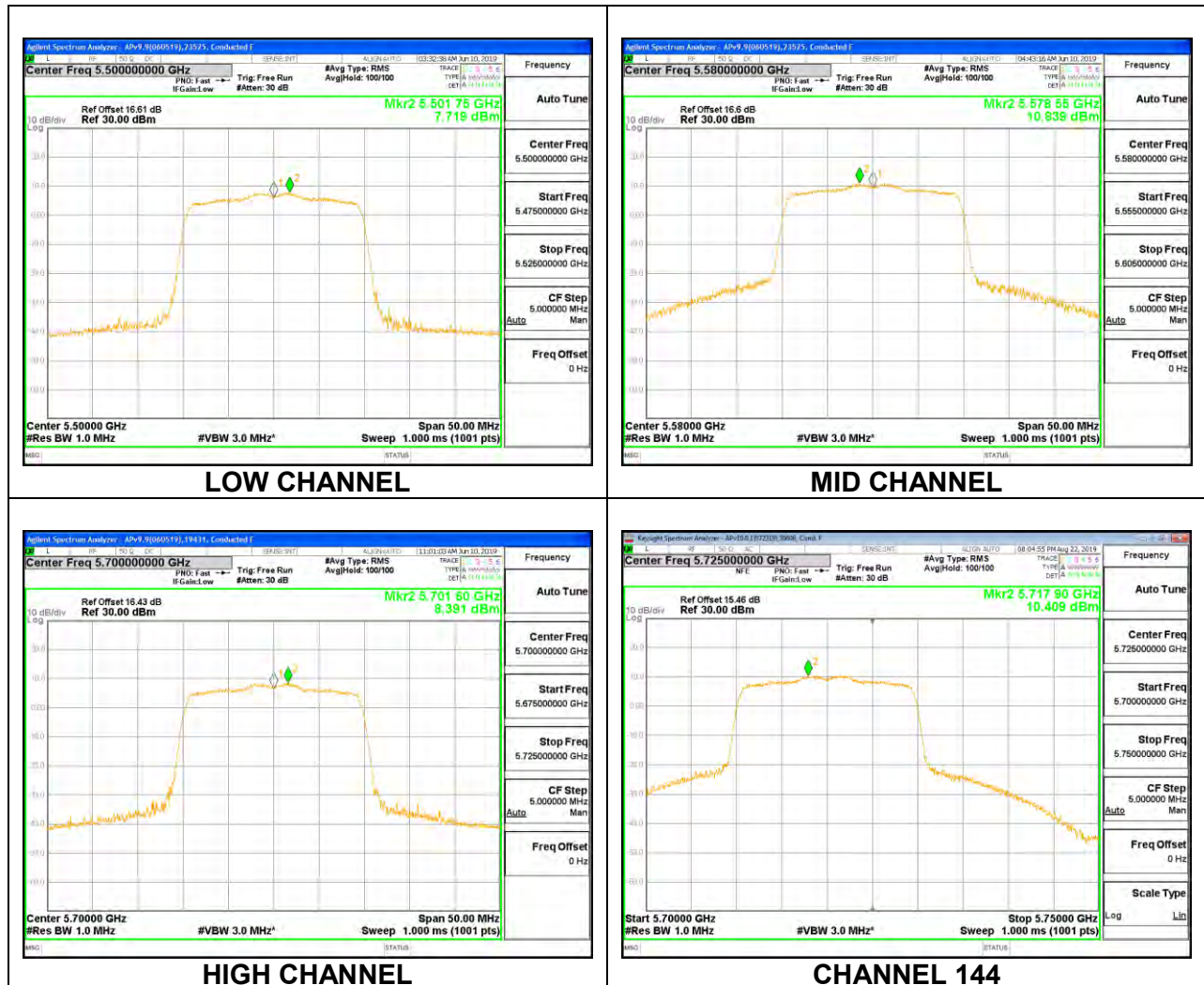
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.69	17.69	23.78	-6.09
Mid	5580	20.78	20.78	23.78	-3.00
High	5700	16.33	16.33	23.79	-7.46
144	5720	20.75	20.75	22.62	-1.87

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	7.72	7.72	11.00	-3.28
Mid	5580	10.84	10.84	11.00	-0.16
High	5700	8.39	8.39	11.00	-2.61
144	5720	10.41	10.41	11.00	-0.59



1TX Antenna 5 MODE (FCC+IC) – 26 Tones, RU Index 0

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5500	21.05	18.5570	-5.6
Mid	5580	21.00	18.5090	-5.6
High	5700	21.10	18.4720	-5.6
144	5720	15.65	14.2480	-5.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5500	24.00	23.69	29.69	23.69	11.00	11.00	11.00
Mid	5580	24.00	23.67	29.67	23.67	11.00	11.00	11.00
High	5700	24.00	23.67	29.67	23.67	11.00	11.00	11.00
144	5720	22.95	22.54	28.54	22.54	11.00	11.00	11.00

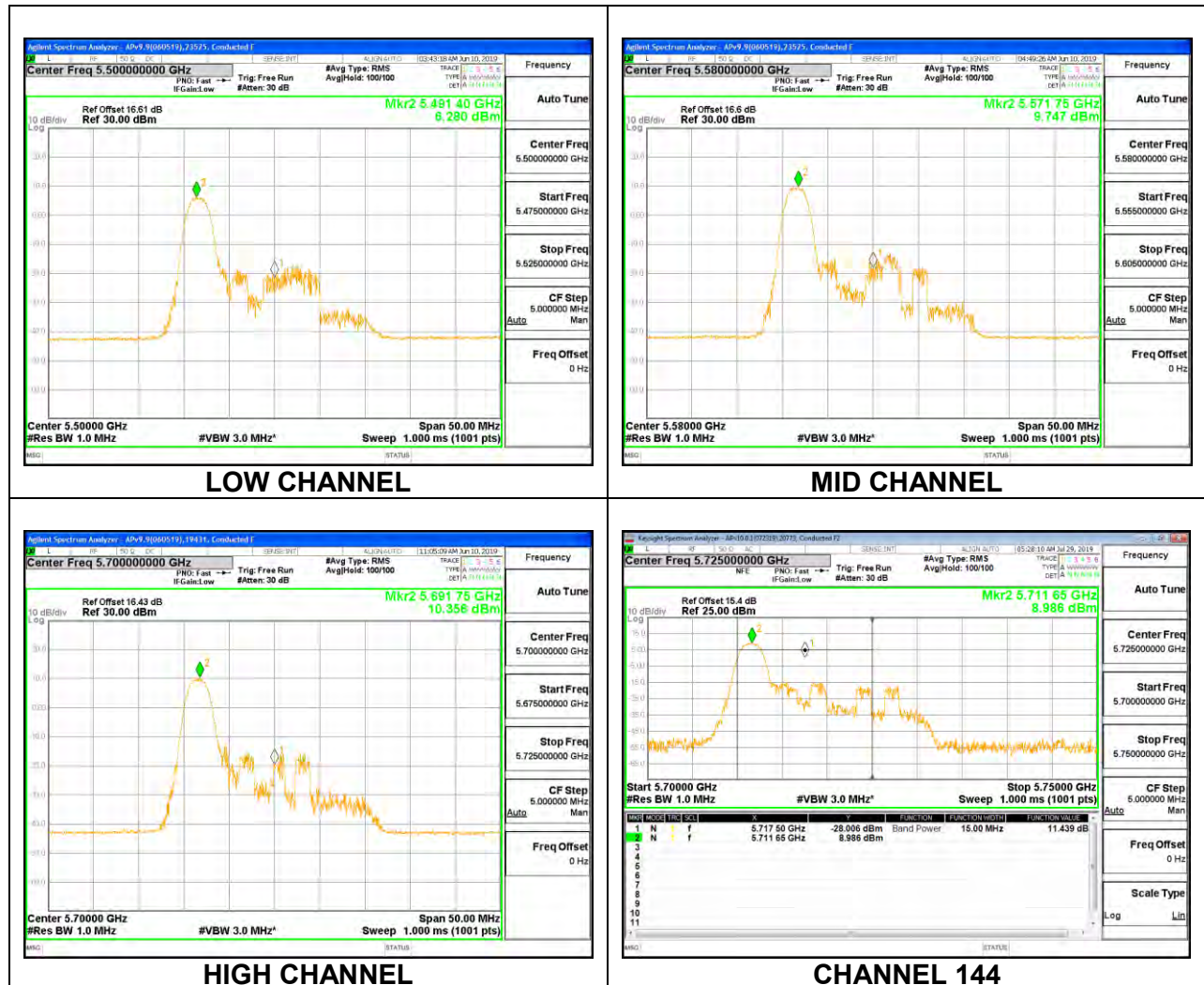
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.72	11.72	23.69	-11.97
Mid	5580	11.79	11.79	23.67	-11.88
High	5700	11.83	11.83	23.67	-11.84
144	5720	11.84	11.84	22.54	-10.70

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	6.28	6.28	11.00	-4.72
Mid	5580	9.75	9.75	11.00	-1.25
High	5700	10.36	10.36	11.00	-0.64
144	5720	8.99	8.99	11.00	-2.01



1TX Antenna 5 MODE (FCC+IC) – 26 Tones, RU Index 4

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5500	20.60	17.2170	-5.6
Mid	5580	20.15	17.2020	-5.6
High	5700	20.35	17.1900	-5.6
144	5720	15.28	13.6985	-5.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5500	24.00	23.36	29.36	23.36	11.00	11.00	11.00
Mid	5580	24.00	23.36	29.36	23.36	11.00	11.00	11.00
High	5700	24.00	23.35	29.35	23.35	11.00	11.00	11.00
144	5720	22.84	22.37	28.37	22.37	11.00	11.00	11.00

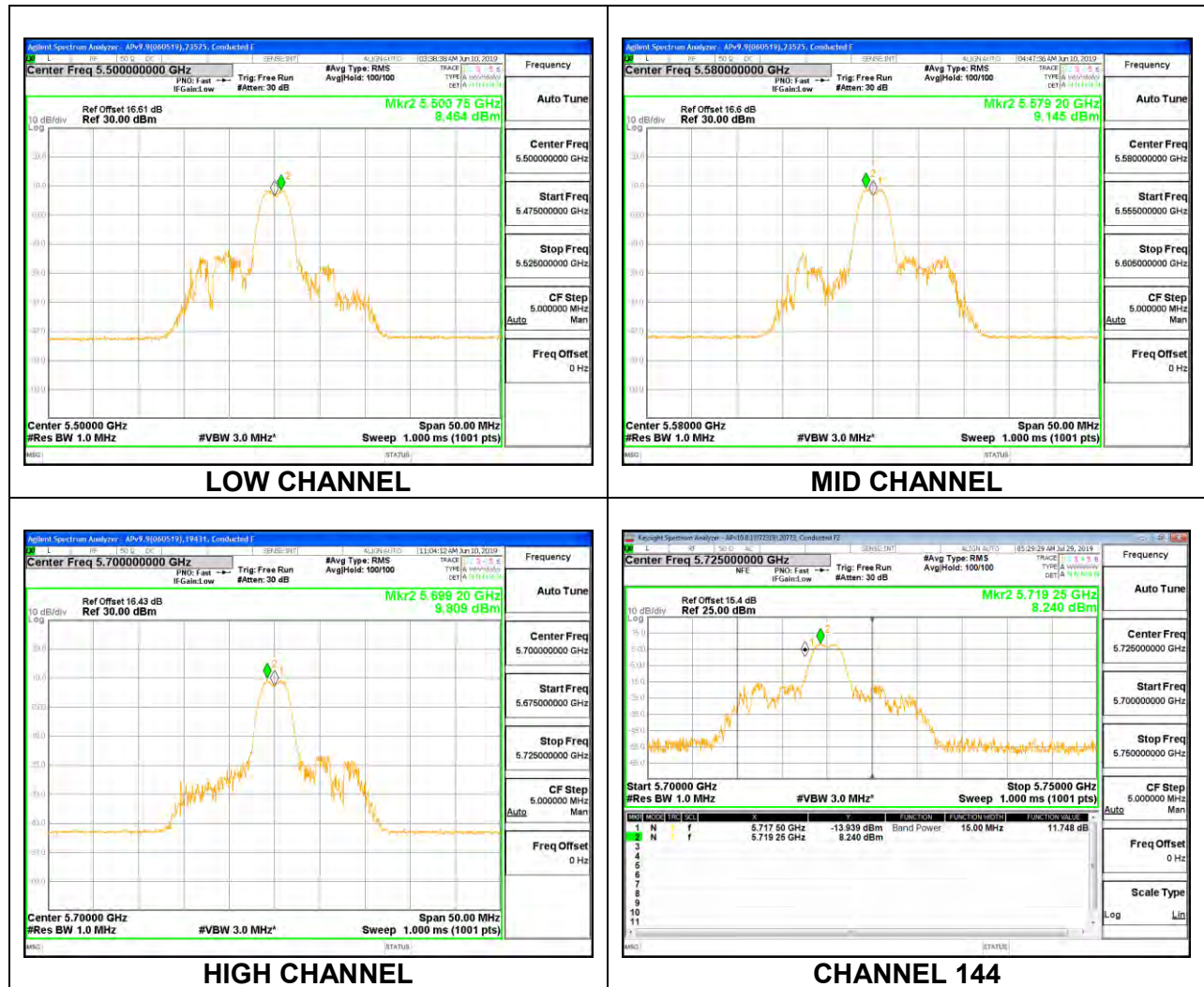
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.73	11.73	23.36	-11.63
Mid	5580	11.69	11.69	23.36	-11.67
High	5700	11.90	11.90	23.35	-11.45
144	5720	11.81	11.81	22.37	-10.56

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	8.46	8.46	11.00	-2.54
Mid	5580	9.15	9.15	11.00	-1.86
High	5700	9.81	9.81	11.00	-1.19
144	5720	8.24	8.24	11.00	-2.76



1TX Antenna 5 MODE (FCC+IC) – 26 Tones, RU Index 8

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5500	21.80	18.5770	5.6
Mid	5580	21.50	18.6010	-5.6
High	5700	21.60	18.6560	-5.6
144	5720	15.88	14.3990	-5.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5500	24.00	23.69	29.69	23.69	11.00	11.00	11.00
Mid	5580	24.00	23.70	29.70	23.70	11.00	11.00	11.00
High	5700	24.00	23.71	29.71	23.71	11.00	11.00	11.00
144	5720	23.01	22.58	28.58	22.58	11.00	11.00	11.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.78	11.78	23.69	-11.91
Mid	5580	11.74	11.74	23.70	-11.96
High	5700	11.89	11.89	23.71	-11.82
144	5720	11.90	11.90	22.58	-10.68

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	9.60	9.60	11.00	-1.40
Mid	5580	9.98	9.98	11.00	-1.02
High	5700	9.15	9.15	11.00	-1.85
144	5720	-14.39	-14.39	11.00	-25.39



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC) – 242 Tones, RU Index 61

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	21.85	19.0440	-4.17	-1.25
Mid	5580	22.15	18.9860	-4.17	-1.25
High	5700	21.95	18.9550	-4.17	-1.25
144	5720	16.05	14.5160	-4.17	-1.25

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5500	24.00	23.80	29.80	23.80	11.00	11.00	11.00
Mid	5580	24.00	23.78	29.78	23.78	11.00	11.00	11.00
High	5700	24.00	23.78	29.78	23.78	11.00	11.00	11.00
144	5720	23.05	22.62	28.62	22.62	11.00	11.00	11.00

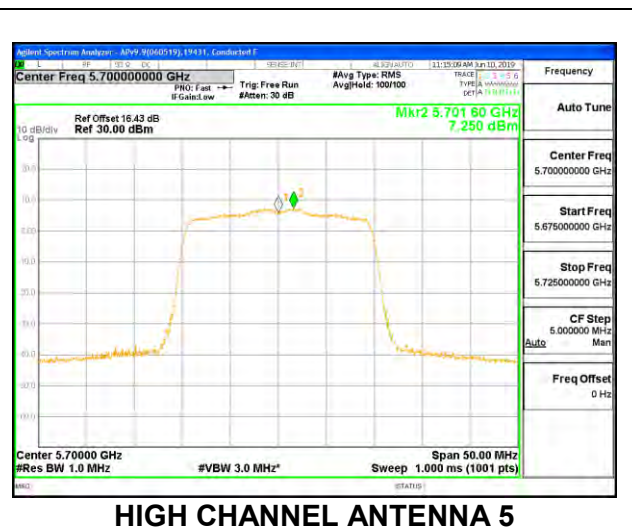
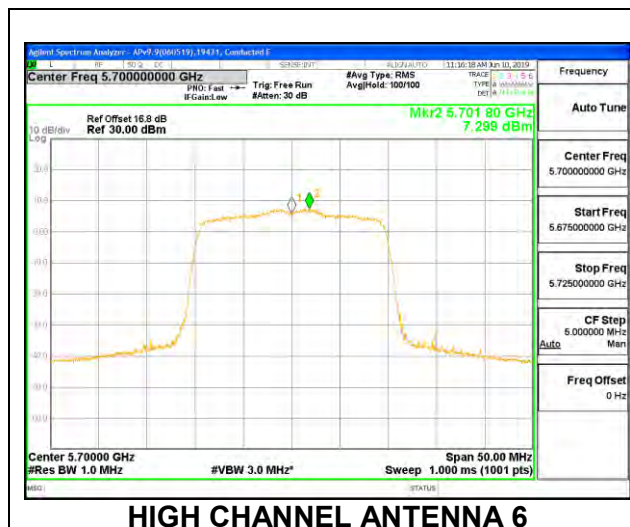
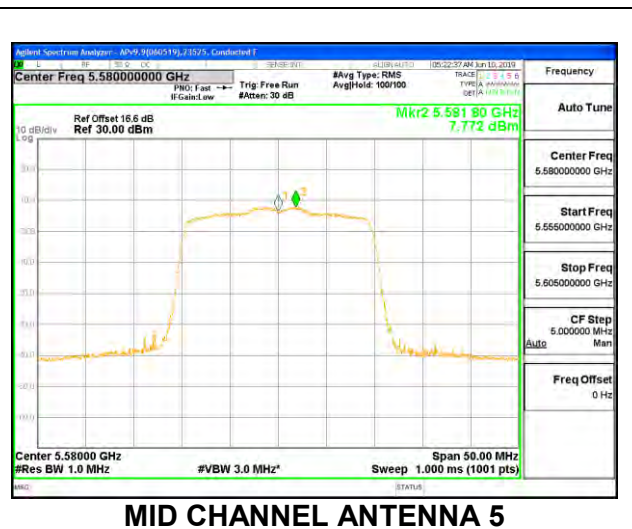
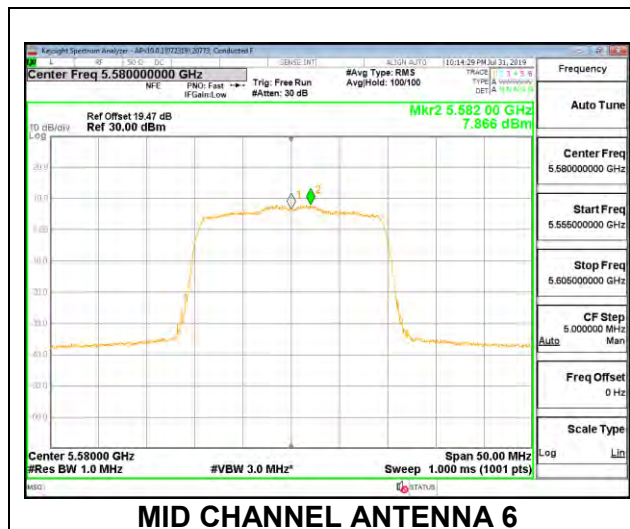
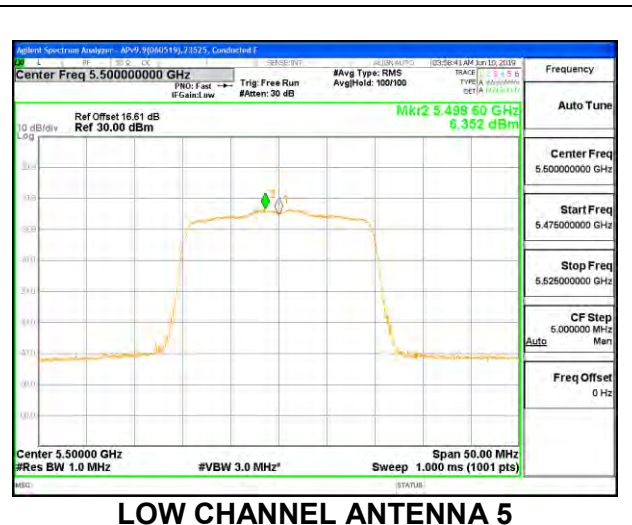
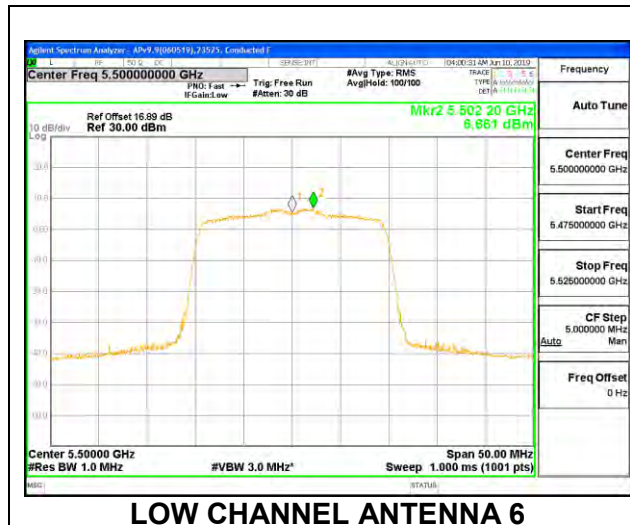
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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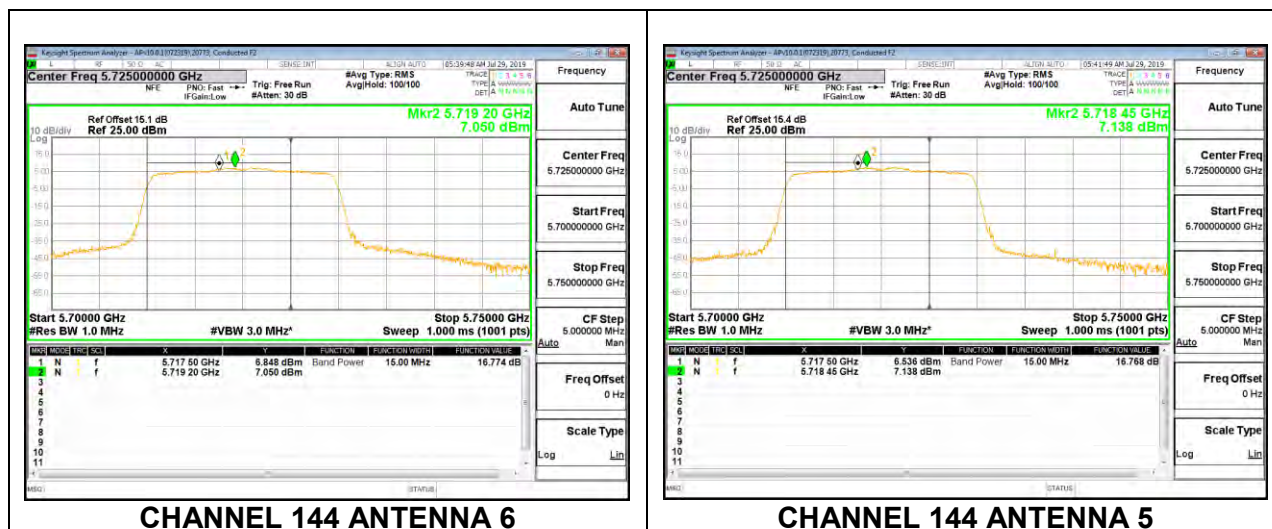
Output Power Results

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	16.68	16.76	19.73	23.80	-4.07
Mid	5580	17.89	17.90	20.91	23.78	-2.88
High	5700	15.93	15.96	18.96	23.78	-4.82
144	5720	17.76	17.81	20.80	22.62	-1.82

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	6.66	6.35	9.52	11.00	-1.48
Mid	5580	7.87	7.77	10.83	11.00	-0.17
High	5700	7.30	7.25	10.28	11.00	-0.72
144	5720	7.05	7.14	10.10	11.00	-0.90





2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC) – 26 Tones, RU Index 0

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	20.85	18.5460	-4.17	-1.25
Mid	5580	20.60	17.9540	-4.17	-1.25
High	5700	20.50	18.4630	-4.17	-1.25
144	5720	15.65	14.2340	-4.17	-1.25

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5500	24.00	23.68	29.68	23.68	11.00	11.00	11.00
Mid	5580	24.00	23.54	29.54	23.54	11.00	11.00	11.00
High	5700	24.00	23.66	29.66	23.66	11.00	11.00	11.00
144	5720	22.95	22.53	28.53	22.53	11.00	11.00	11.00

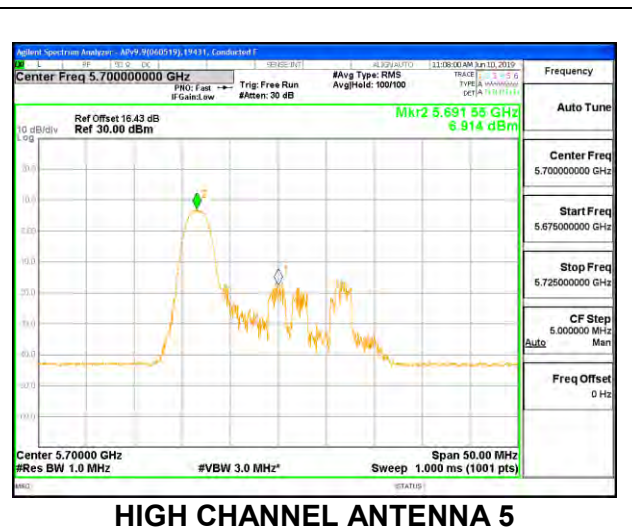
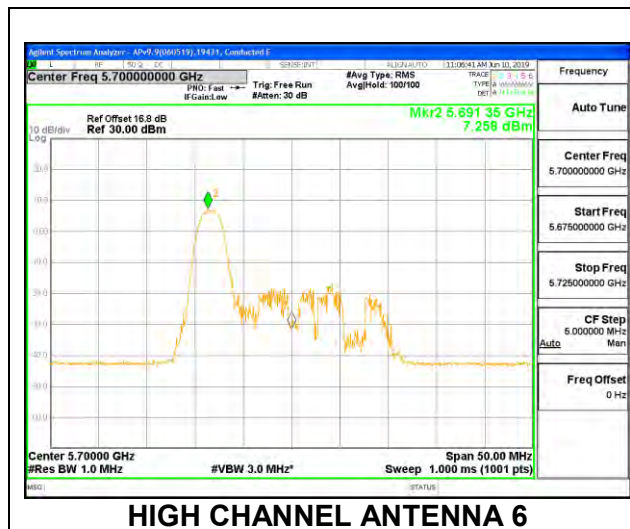
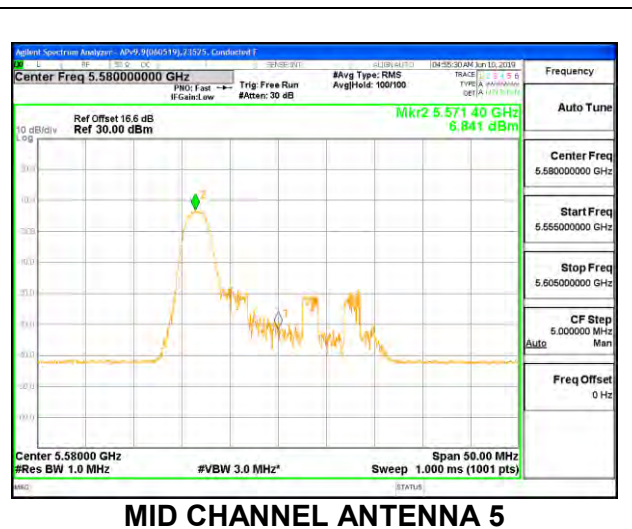
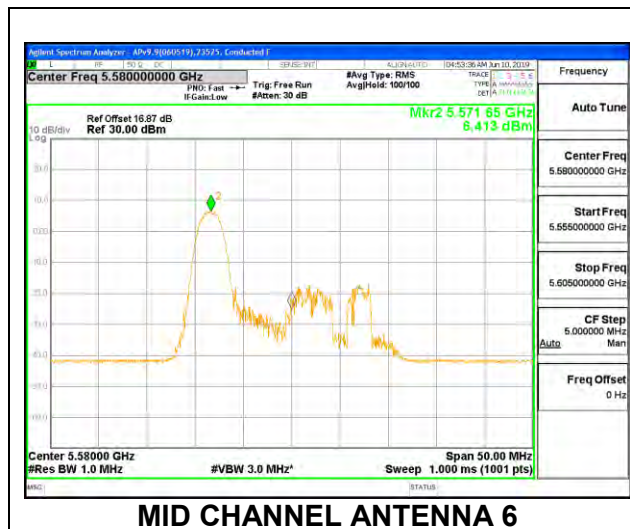
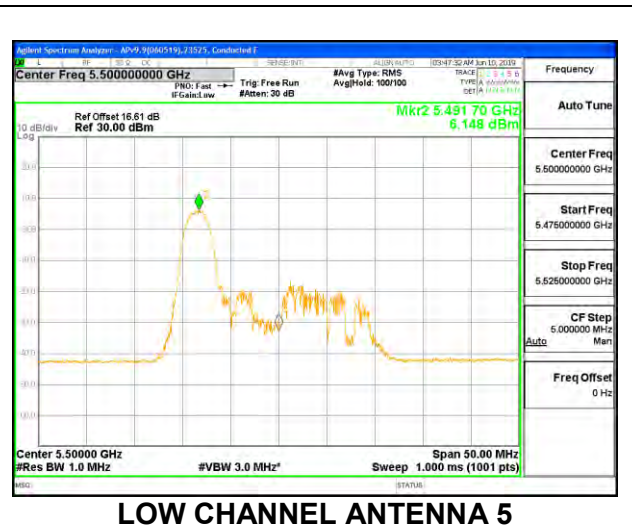
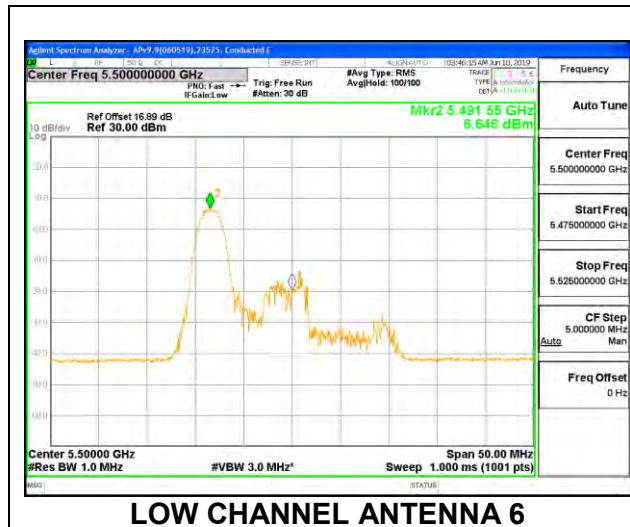
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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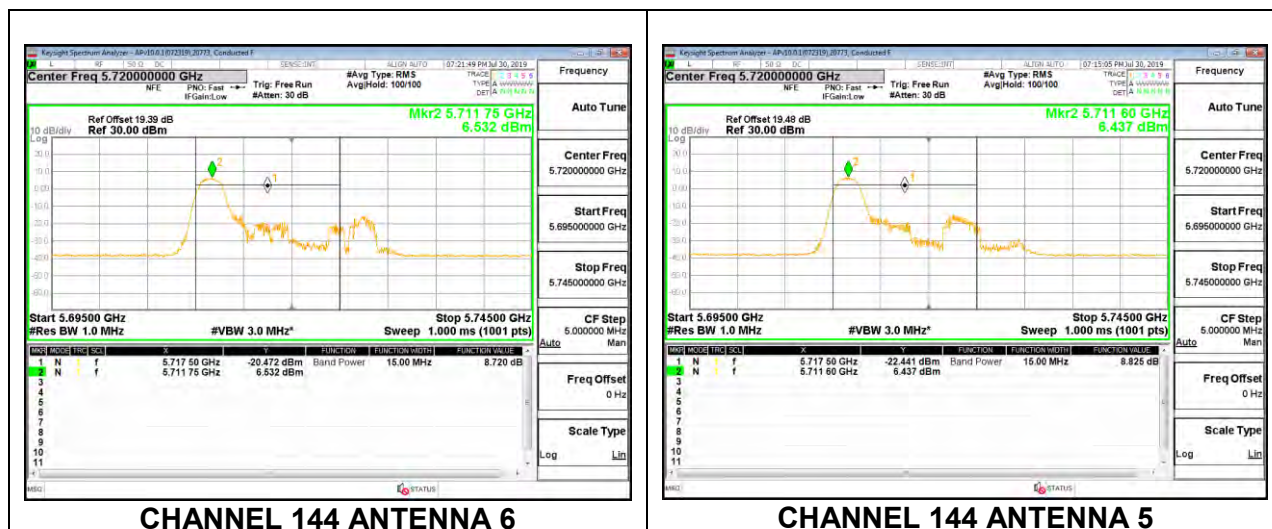
Output Power Results

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	8.87	8.89	11.89	23.68	-11.79
Mid	5580	8.89	8.90	11.91	23.54	-11.64
High	5700	8.93	8.97	11.96	23.66	-11.70
144	5720	8.80	8.85	11.84	22.53	-10.70

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	6.65	6.15	9.41	11.00	-1.59
Mid	5580	6.41	6.84	9.64	11.00	-1.36
High	5700	7.26	6.91	10.10	11.00	-0.90
144	5720	6.53	6.44	9.50	11.00	-1.50





2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC) – 26 Tones, RU Index 4

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	19.50	17.1450	-4.17	-1.25
Mid	5580	18.85	16.9030	-4.17	-1.25
High	5700	19.15	90.0000	-4.17	-1.25
144	5720	15.15	13.7125	-4.17	-1.25

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5500	23.90	23.34	29.34	23.34	11.00	11.00	11.00
Mid	5580	23.75	23.28	29.28	23.28	11.00	11.00	11.00
High	5700	23.82	24.00	30.00	23.82	11.00	11.00	11.00
144	5720	22.80	22.37	28.37	22.37	11.00	11.00	11.00

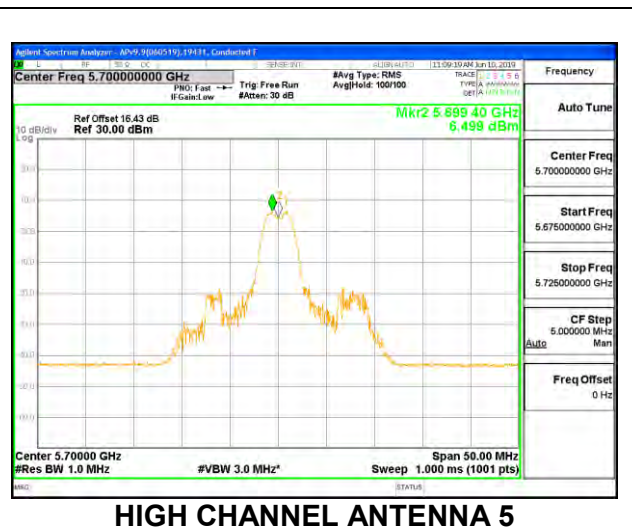
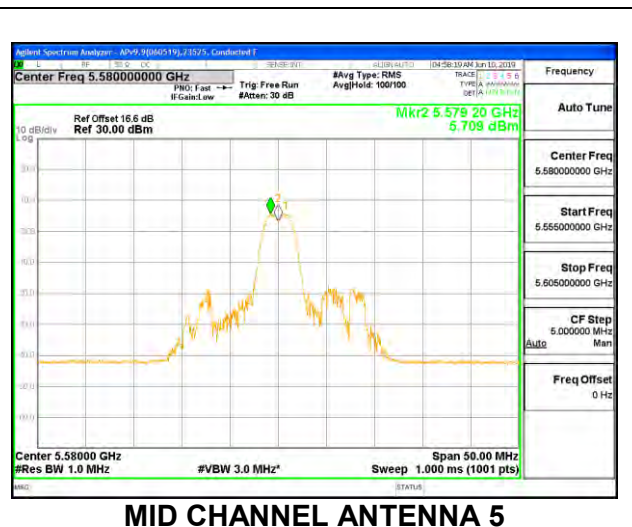
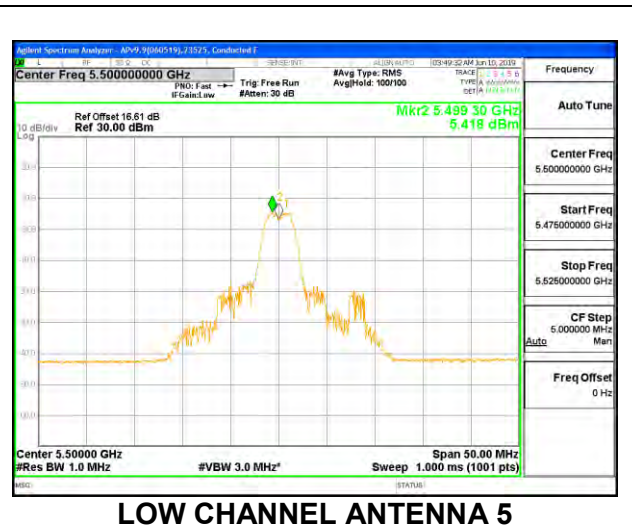
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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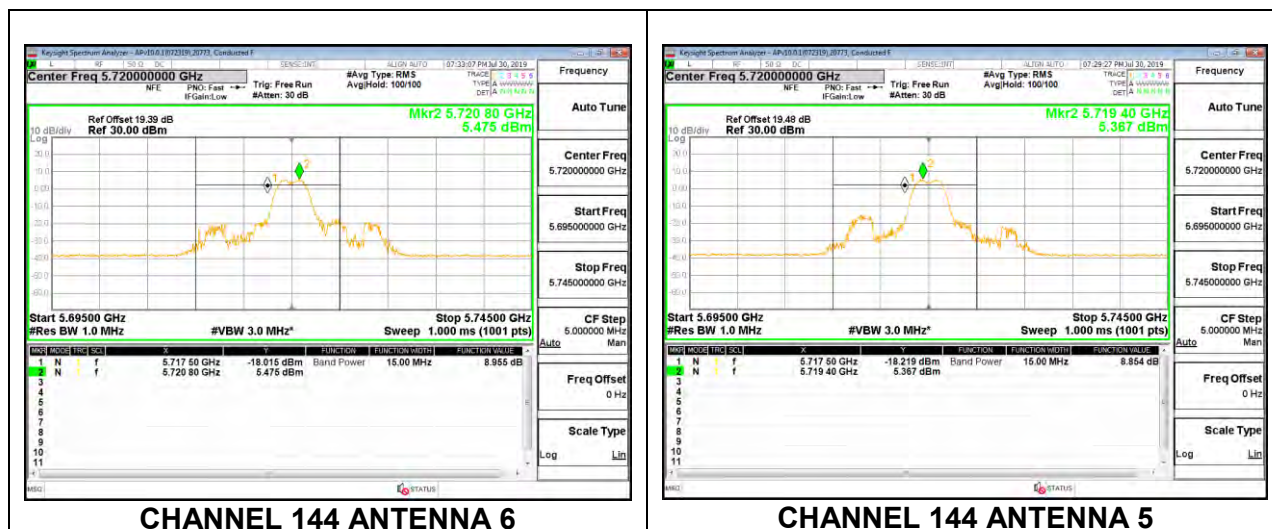
Output Power Results

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	8.79	8.81	11.81	23.34	-11.53
Mid	5580	8.69	8.94	11.83	23.28	-11.45
High	5700	8.88	8.96	11.93	23.82	-11.89
144	5720	8.90	8.92	11.92	22.37	-10.45

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	5.33	5.42	8.38	11.00	-2.62
Mid	5580	5.87	5.71	8.80	11.00	-2.20
High	5700	6.52	6.50	9.52	11.00	-1.48
144	5720	5.48	5.37	8.43	11.00	-2.57





2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC) – 26 Tones, RU Index 8

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	20.55	18.4920	-4.17	-1.25
Mid	5580	20.75	18.5090	-4.17	-1.25
High	5700	20.70	18.4360	-4.17	-1.25
144	5720	15.80	14.3710	-4.17	-1.25

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5500	24.00	23.67	29.67	23.67	11.00	11.00	11.00
Mid	5580	24.00	23.67	29.67	23.67	11.00	11.00	11.00
High	5700	24.00	23.66	29.66	23.66	11.00	11.00	11.00
144	5720	22.99	22.57	28.57	22.57	11.00	11.00	11.00

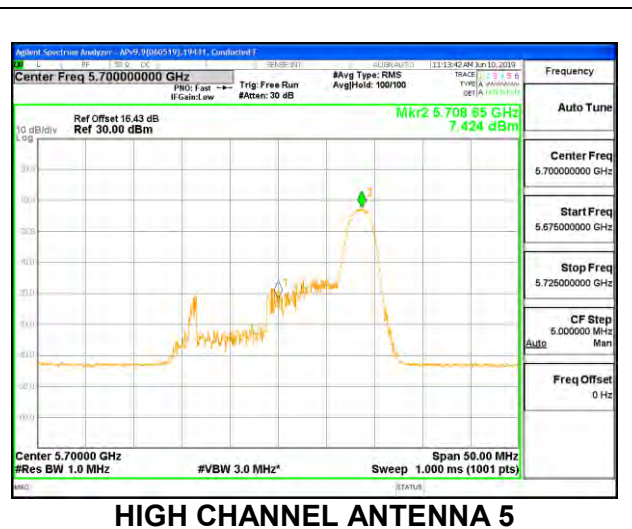
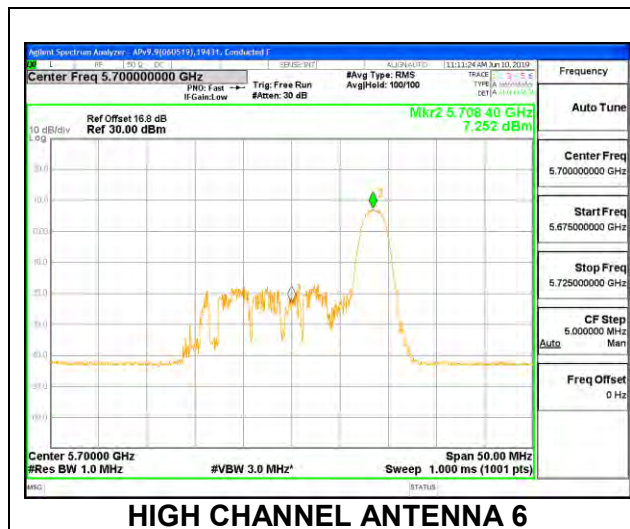
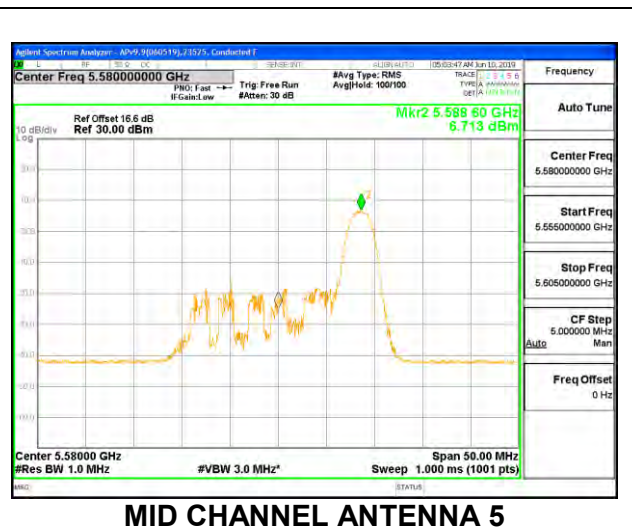
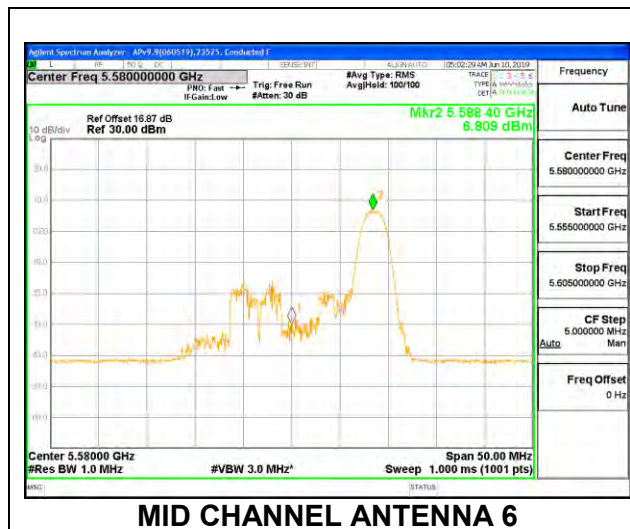
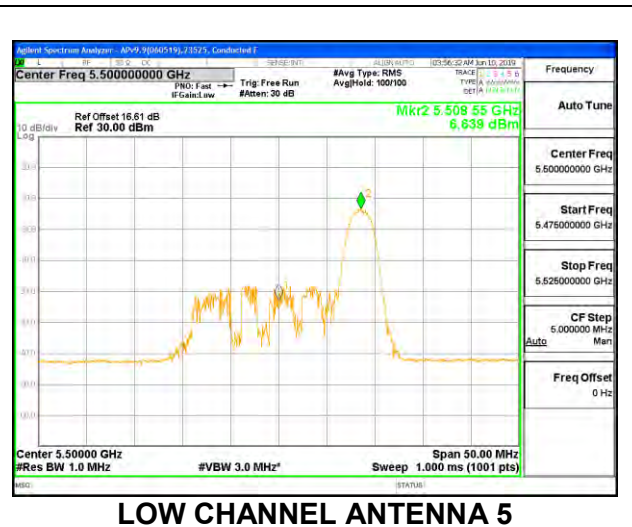
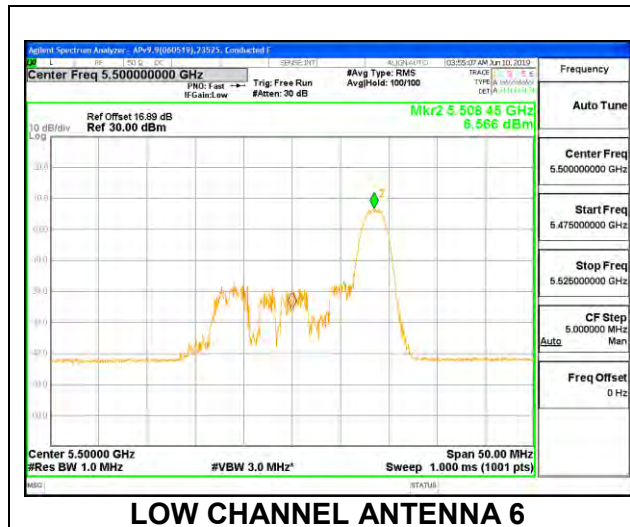
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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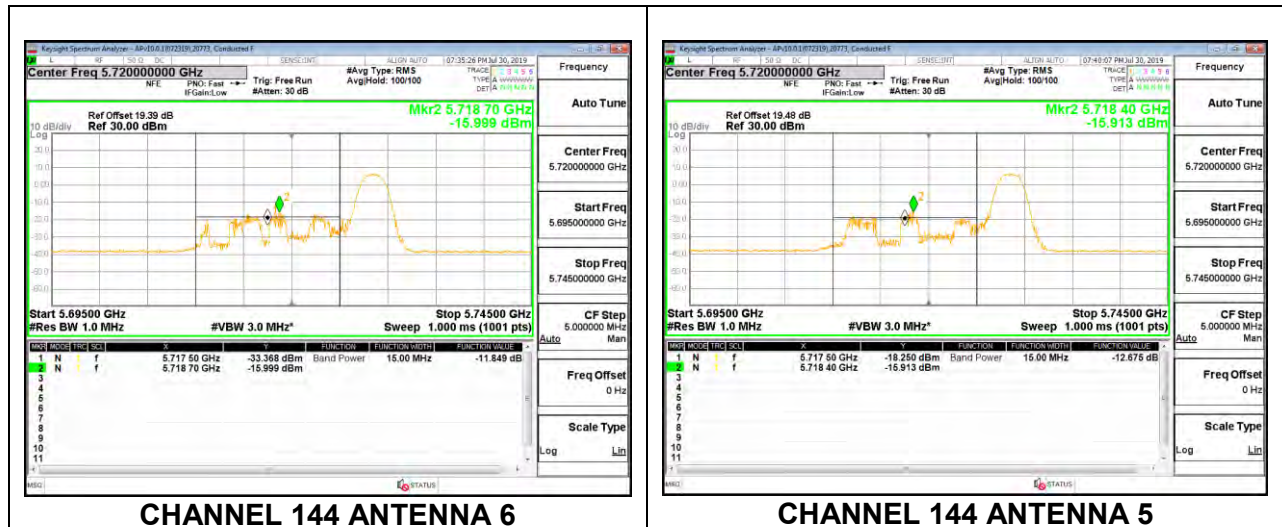
Output Power Results

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	8.70	8.81	11.77	23.67	-11.90
Mid	5580	8.76	8.88	11.83	23.67	-11.84
High	5700	8.90	8.93	11.93	23.66	-11.73
144	5720	8.85	8.91	11.89	22.57	-10.68

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	6.57	6.64	9.61	11.00	-1.39
Mid	5580	6.81	6.71	9.77	11.00	-1.23
High	5700	7.25	7.42	10.35	11.00	-0.65
144	5720	-15.99	-15.91	-12.94	11.00	-23.94





8.5.17. 802.11ax HE40 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC+IC) – 484 Tones, RU Index 65

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	42.70	37.6980	-3.10
Mid	5550	42.30	37.6670	-3.10
High	5670	42.60	37.7760	-3.10
142	5710	42.30	37.7310	-3.10

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	24.00	30.00	24.00	11.00	11.00	11.00
Mid	5550	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5670	24.00	24.00	30.00	24.00	11.00	11.00	11.00
142	5710	24.00	24.00	30.00	24.00	11.00	11.00	11.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.84	15.84	24.00	-8.16
Mid	5550	20.96	20.96	24.00	-3.04
High	5670	18.84	18.84	24.00	-5.16
142	5710	20.88	20.88	24.00	-3.12

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	4.01	4.01	11.00	-7.00
Mid	5550	9.25	9.25	11.00	-1.75
High	5670	9.42	9.42	11.00	-1.58
142	5710	8.83	8.83	11.00	-2.17



1TX Antenna 6 MODE (FCC+IC) – 26 Tones, RU Index 0

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	21.80	18.3610	-3.1
Mid	5550	22.00	18.4240	-3.1
High	5670	22.00	18.1490	-3.1
142	5710	21.60	18.1150	-3.1

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	23.64	29.64	23.64	11.00	11.00	11.00
Mid	5550	24.00	23.65	29.65	23.65	11.00	11.00	11.00
High	5670	24.00	23.59	29.59	23.59	11.00	11.00	11.00
142	5710	24.00	23.58	29.58	23.58	11.00	11.00	11.00

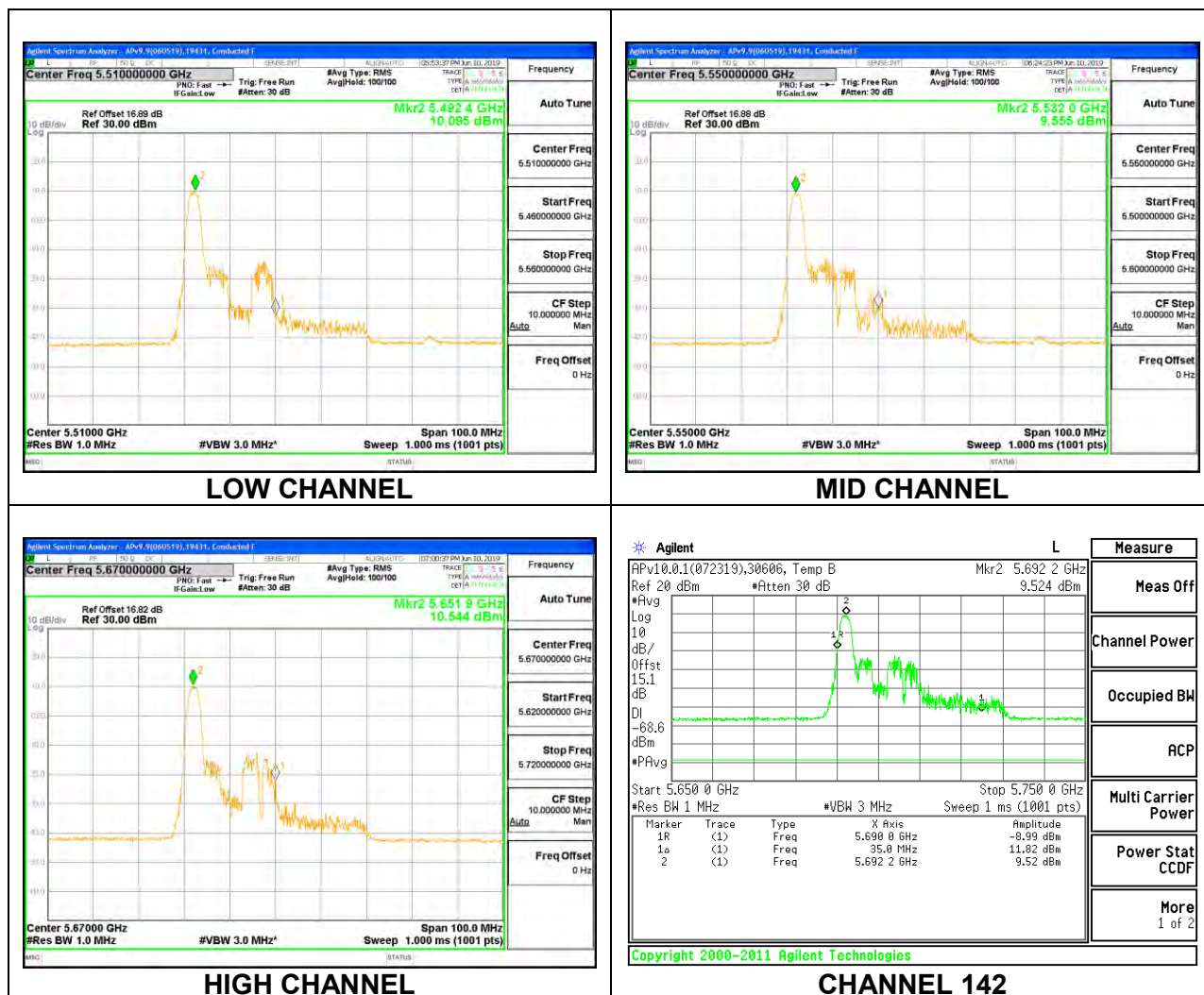
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	11.82	11.82	23.64	-11.82
Mid	5550	11.89	11.89	23.65	-11.76
High	5670	11.90	11.90	23.59	-11.69
142	5710	11.91	11.91	23.58	-11.67

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	10.10	10.10	11.00	-0.90
Mid	5550	9.56	9.56	11.00	-1.45
High	5670	10.54	10.54	11.00	-0.46
142	5710	9.52	9.52	11.00	-1.48



1TX Antenna 6 MODE (FCC+IC) – 26 Tones, RU Index 8

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	25.20	20.7840	-3.1
Mid	5550	25.40	21.6780	-3.1
High	5670	25.30	20.8010	-3.1
142	5710	25.00	19.9960	-3.1

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	24.00	30.00	24.00	11.00	11.00	11.00
Mid	5550	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5670	24.00	24.00	30.00	24.00	11.00	11.00	11.00
142	5710	24.00	24.00	30.00	24.00	11.00	11.00	11.00

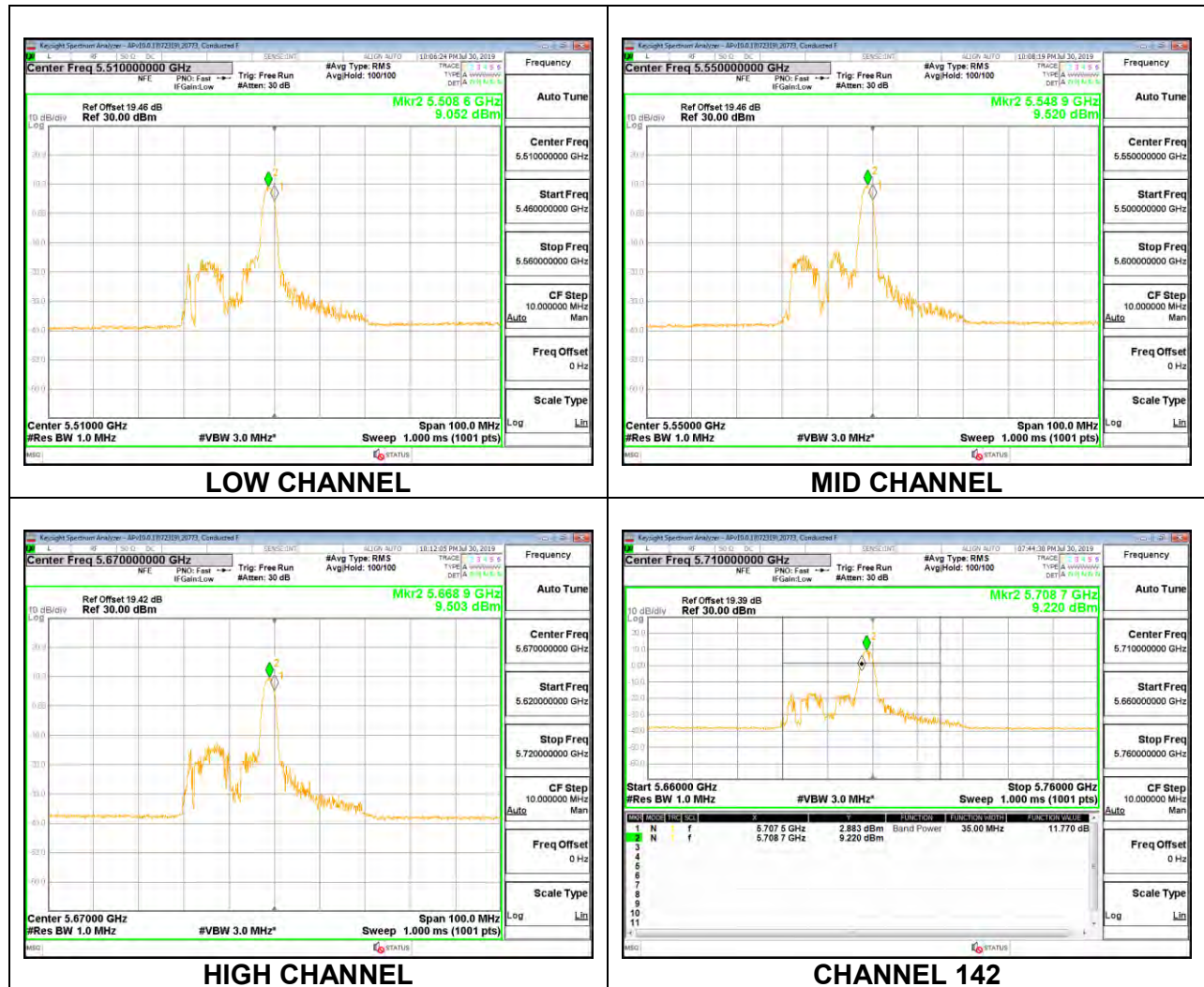
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	11.67	11.67	24.00	-12.33
Mid	5550	11.75	11.75	24.00	-12.25
High	5670	11.80	11.80	24.00	-12.20
142	5710	11.85	11.85	24.00	-12.15

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	9.05	9.05	11.00	-1.95
Mid	5550	9.52	9.52	11.00	-1.48
High	5670	9.50	9.50	11.00	-1.50
142	5710	9.22	9.22	11.00	-1.78



1TX Antenna 6 MODE (FCC+IC) – 26 Tones, RU Index 17

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	21.70	18.6710	-3.1
Mid	5550	22.50	18.2180	-3.1
High	5670	21.30	18.1810	-3.1
142	5710	21.30	18.1170	-3.1

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	23.71	29.71	23.71	11.00	11.00	11.00
Mid	5550	24.00	23.61	29.61	23.61	11.00	11.00	11.00
High	5670	24.00	23.60	29.60	23.60	11.00	11.00	11.00
142	5710	24.00	23.58	29.58	23.58	11.00	11.00	11.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	11.90	11.90	23.71	-11.81
Mid	5550	11.88	11.88	23.61	-11.73
High	5670	11.84	11.84	23.60	-11.76
142	5710	11.79	11.79	23.58	-11.79

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	9.77	9.77	11.00	-1.23
Mid	5550	10.01	10.01	11.00	-0.99
High	5670	10.31	10.31	11.00	-0.69
142	5710	-11.47	-11.47	11.00	-22.47



1TX Antenna 5 MODE (FCC+IC) – 484 Tones, RU Index 65

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	42.40	37.6020	-5.6
Mid	5550	42.50	37.6390	-5.6
High	5670	42.60	37.6840	-5.6
142	5710	42.60	37.7200	-5.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	24.00	30.00	24.00	11.00	11.00	11.00
Mid	5550	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5670	24.00	24.00	30.00	24.00	11.00	11.00	11.00
142	5710	24.00	24.00	30.00	24.00	11.00	11.00	11.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.77	15.77	24.00	-8.23
Mid	5550	21.40	21.40	24.00	-2.60
High	5670	18.78	18.78	24.00	-5.22
142	5710	21.25	21.25	24.00	-2.75

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	3.68	3.68	11.00	-7.32
Mid	5550	9.29	9.29	11.00	-1.71
High	5670	9.59	9.59	11.00	-1.41
142	5710	8.44	8.44	11.00	-2.56



1TX Antenna 5 MODE (FCC+IC) – 26 Tones, RU Index 0

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	22.30	18.1830	-5.6
Mid	5550	22.00	18.0610	-5.6
High	5670	21.60	18.3830	-5.6
142	5710	21.20	18.4330	-5.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	23.60	29.60	23.60	11.00	11.00	11.00
Mid	5550	24.00	23.57	29.57	23.57	11.00	11.00	11.00
High	5670	24.00	23.64	29.64	23.64	11.00	11.00	11.00
142	5710	24.00	23.66	29.66	23.66	11.00	11.00	11.00

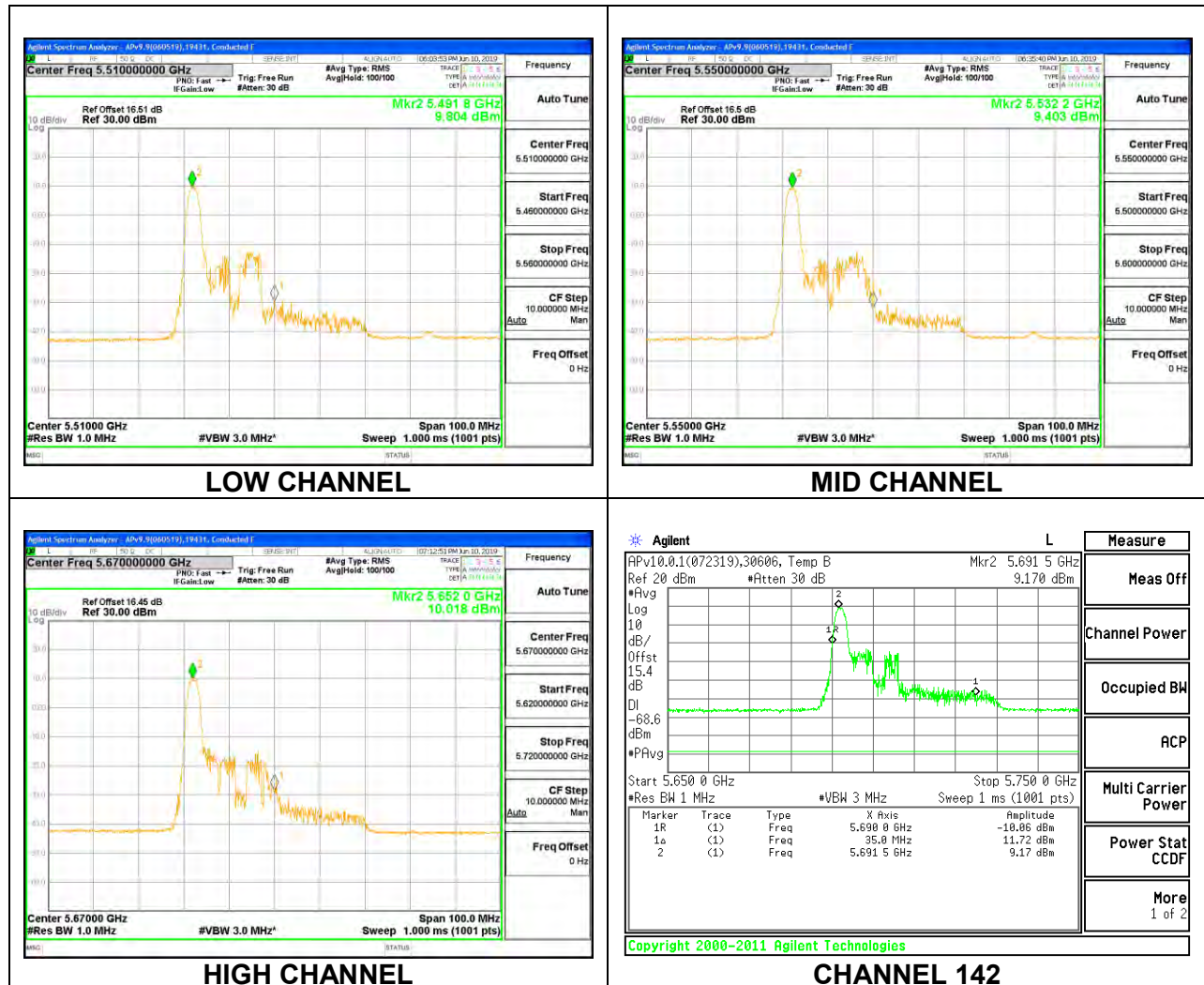
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	11.78	11.78	23.60	-11.82
Mid	5550	11.80	11.80	23.57	-11.77
High	5670	11.89	11.89	23.64	-11.75
142	5710	11.79	11.79	23.66	-11.87

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	9.80	9.80	11.00	-1.20
Mid	5550	9.40	9.40	11.00	-1.60
High	5670	10.02	10.02	11.00	-0.98
142	5710	9.17	9.17	11.00	-1.83



1TX Antenna 5 MODE (FCC+IC) – 26 Tones, RU Index 8

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	24.50	20.5690	-5.6
Mid	5550	25.00	19.8820	-5.6
High	5670	24.90	21.5790	-5.6
142	5710	24.70	21.2550	-5.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	24.00	30.00	24.00	11.00	11.00	11.00
Mid	5550	24.00	23.98	29.98	23.98	11.00	11.00	11.00
High	5670	24.00	24.00	30.00	24.00	11.00	11.00	11.00
142	5710	24.00	24.00	30.00	24.00	11.00	11.00	11.00

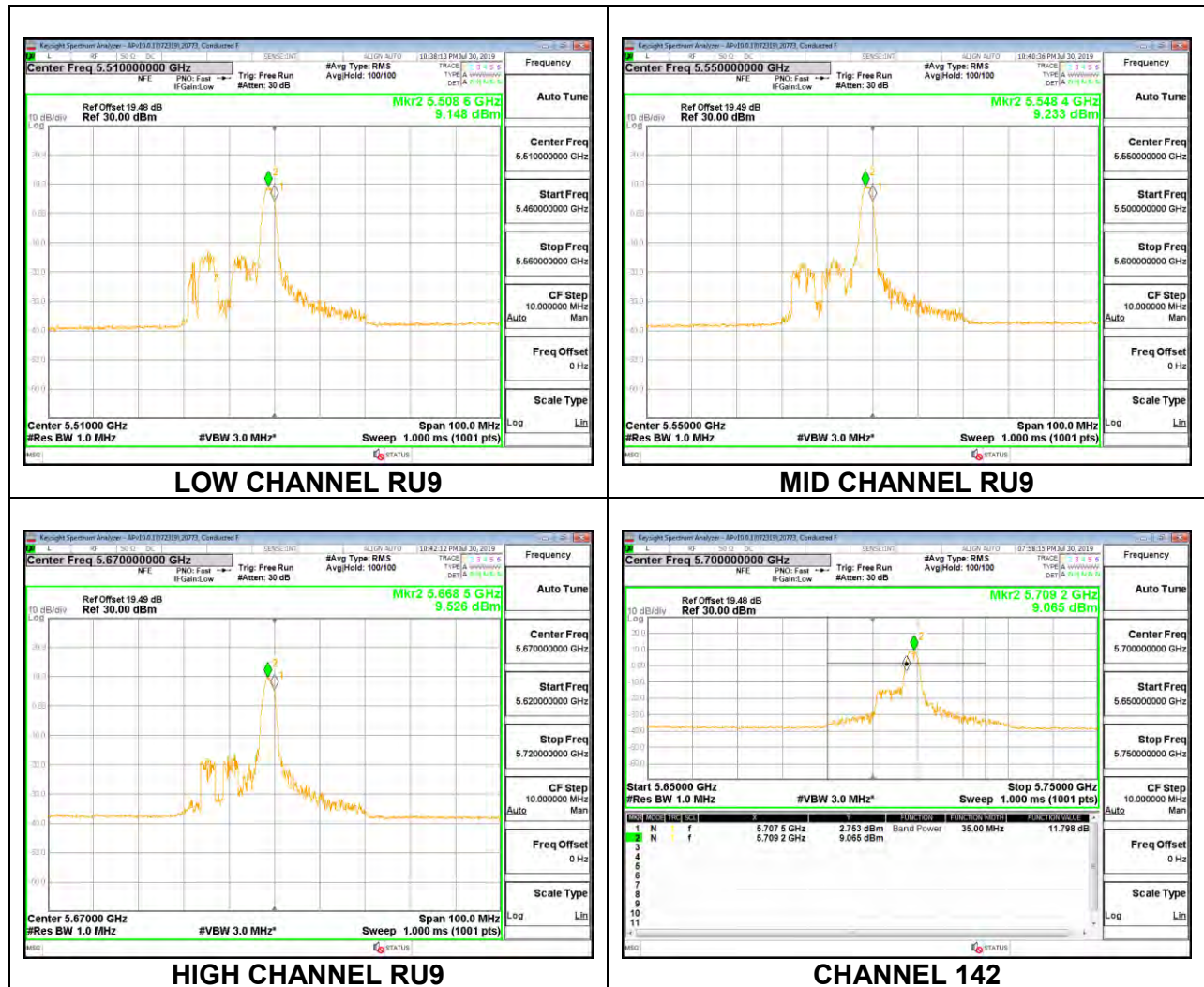
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	11.79	11.79	24.00	-12.21
Mid	5550	11.78	11.78	23.98	-12.20
High	5670	11.92	11.92	24.00	-12.08
142	5710	11.90	11.90	24.00	-12.10

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	9.15	9.15	11.00	-1.85
Mid	5550	9.23	9.23	11.00	-1.77
High	5670	9.53	9.53	11.00	-1.47
142	5710	9.07	9.07	11.00	-1.94



1TX Antenna 5 MODE (FCC+IC) – 26 Tones, RU Index 17

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	21.80	18.2720	-5.6
Mid	5550	22.00	18.3710	-5.6
High	5670	21.80	18.5010	-5.6
142	5710	21.10	18.4010	-5.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	23.62	29.62	23.62	11.00	11.00	11.00
Mid	5550	24.00	23.64	29.64	23.64	11.00	11.00	11.00
High	5670	24.00	23.67	29.67	23.67	11.00	11.00	11.00
142	5710	24.00	23.65	29.65	23.65	11.00	11.00	11.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	11.88	11.88	23.62	-11.74
Mid	5550	11.90	11.90	23.64	-11.74
High	5670	11.79	11.79	23.67	-11.88
142	5710	11.89	11.89	23.65	-11.76

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	10.09	10.09	11.00	-0.91
Mid	5550	10.34	10.34	11.00	-0.66
High	5670	10.31	10.31	11.00	-0.69
142	5710	-13.04	-13.04	11.00	-24.04



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC) – 484 Tones, RU Index 65

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5510	42.10	37.6220	-4.17	-1.25
Mid	5550	42.20	37.7810	-4.17	-1.25
High	5670	42.20	37.6930	-4.17	-1.25
142	5710	41.90	37.6370	-4.17	-1.25

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	24.00	30.00	24.00	11.00	11.00	11.00
Mid	5550	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5670	24.00	24.00	30.00	24.00	11.00	11.00	11.00
142	5710	24.00	24.00	30.00	24.00	11.00	11.00	11.00

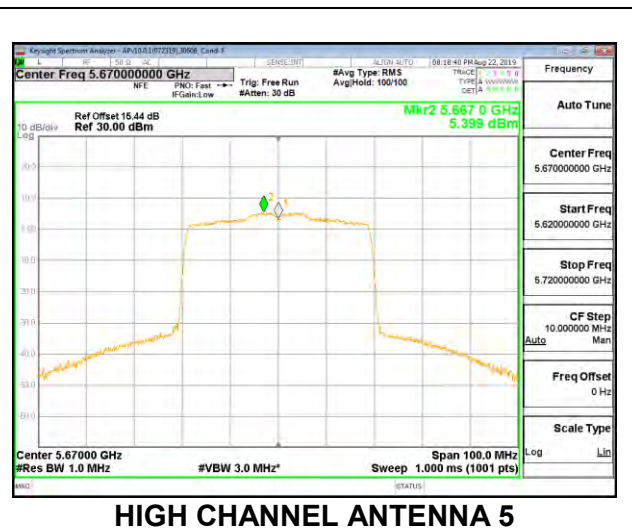
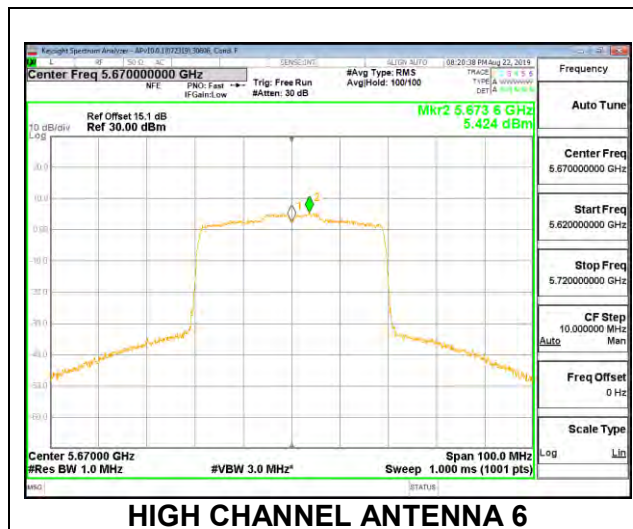
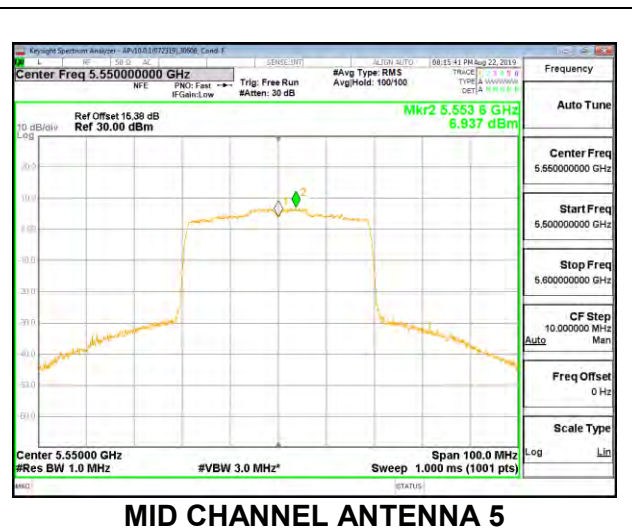
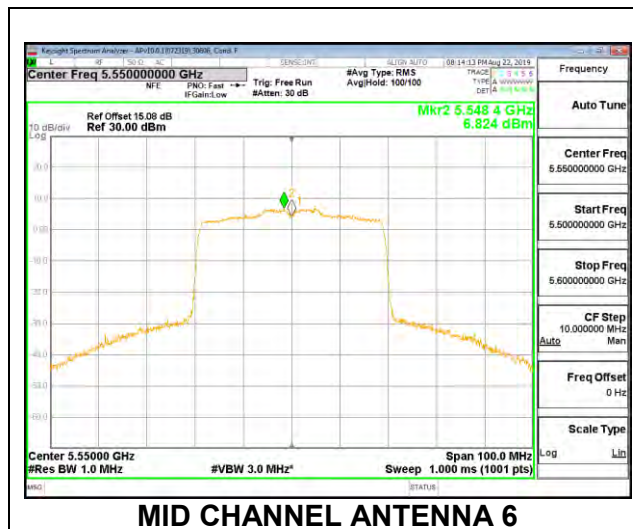
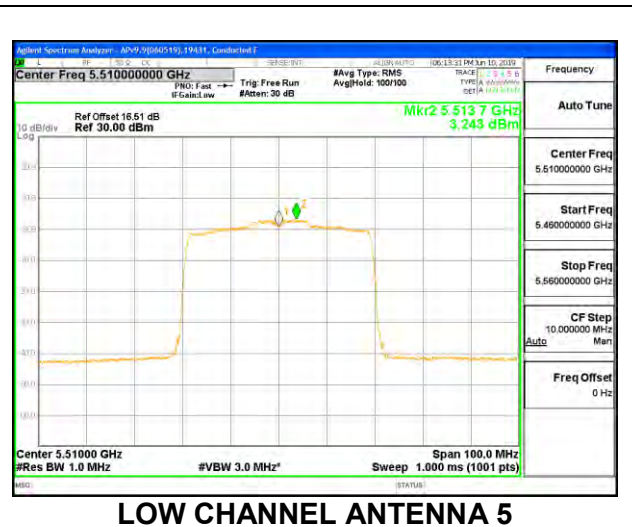
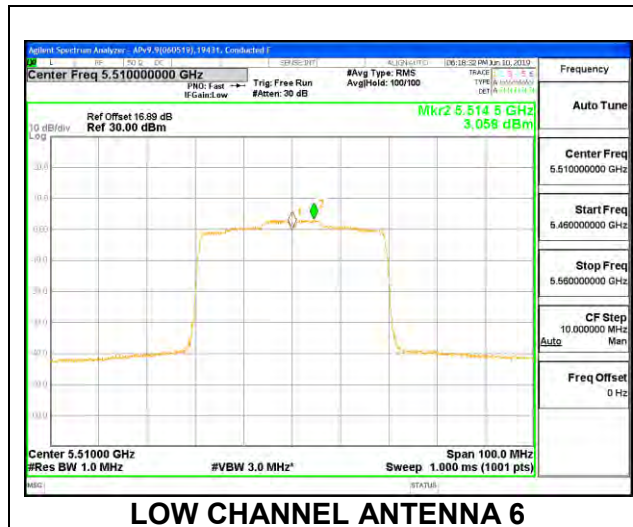
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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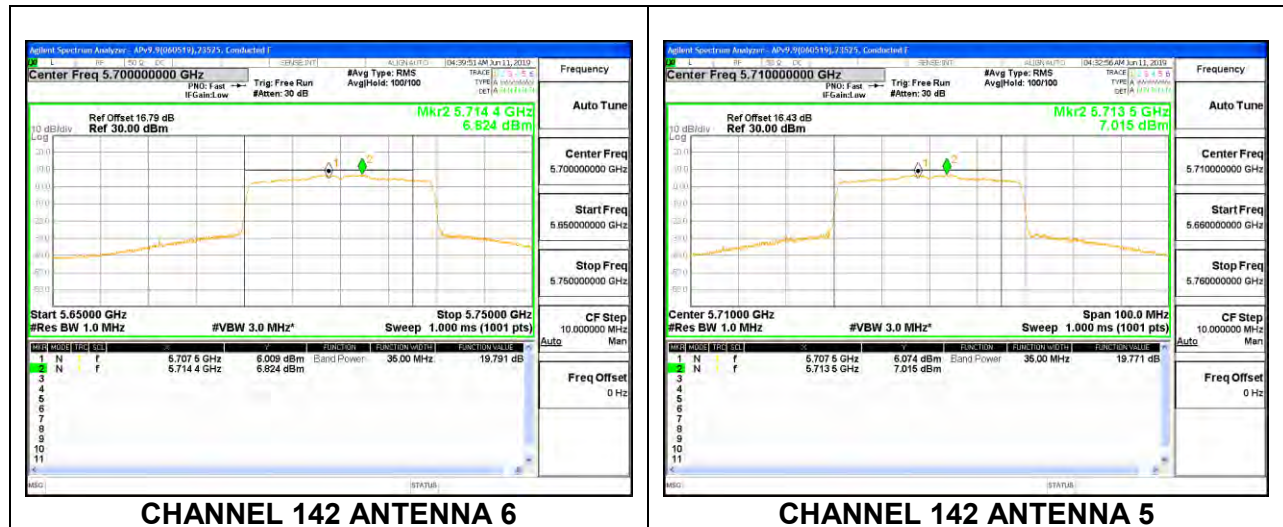
Output Power Results

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	15.41	15.49	18.46	24.00	-5.54
Mid	5550	19.99	19.91	22.96	24.00	-1.04
High	5670	18.25	18.34	21.31	24.00	-2.69
142	5710	19.90	19.87	22.90	24.00	-1.10

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	5510	3.06	3.24	6.16	11.00	-4.84
Mid	5550	6.82	6.94	9.89	11.00	-1.11
High	5670	5.42	5.40	8.42	11.00	-2.58
142	5710	6.82	7.02	9.93	11.00	-1.07





2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC) – 26 Tones, RU Index 0

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5510	21.10	18.2320	-4.17	-1.25
Mid	5550	20.80	18.1060	-4.17	-1.25
High	5670	20.70	18.2840	-4.17	-1.25
142	5710	20.40	18.2720	-4.17	-1.25

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	23.61	29.61	23.61	11.00	11.00	11.00
Mid	5550	24.00	23.58	29.58	23.58	11.00	11.00	11.00
High	5670	24.00	23.62	29.62	23.62	11.00	11.00	11.00
142	5710	24.00	23.62	29.62	23.62	11.00	11.00	11.00

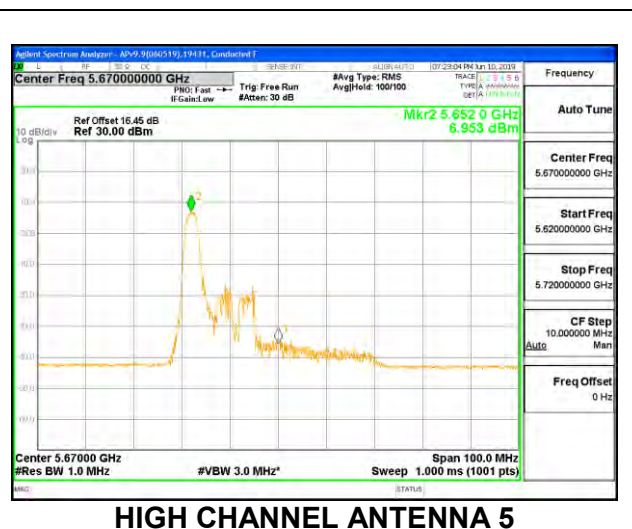
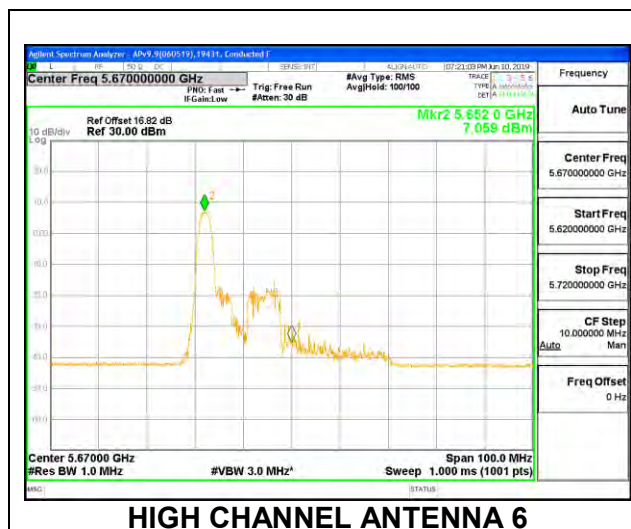
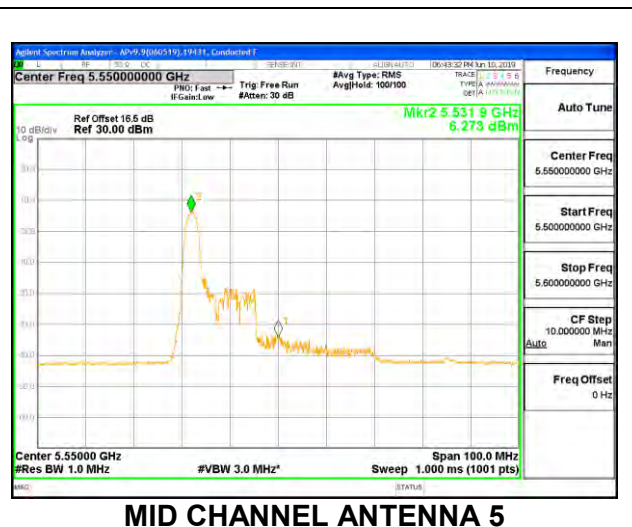
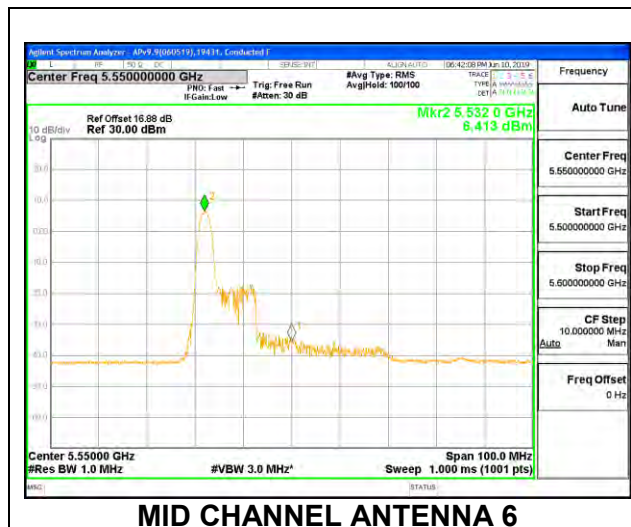
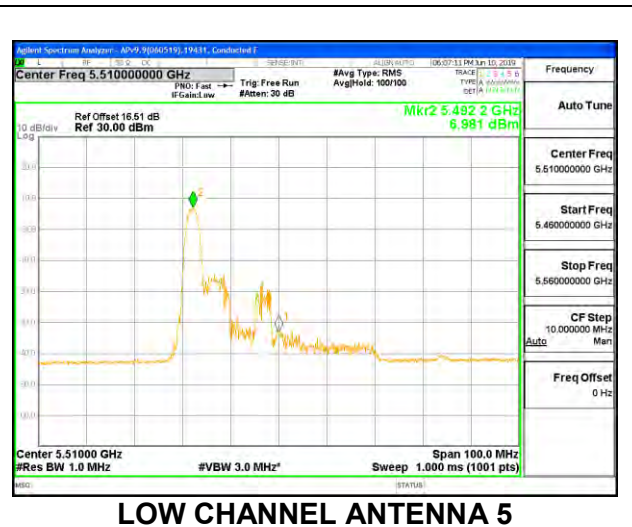
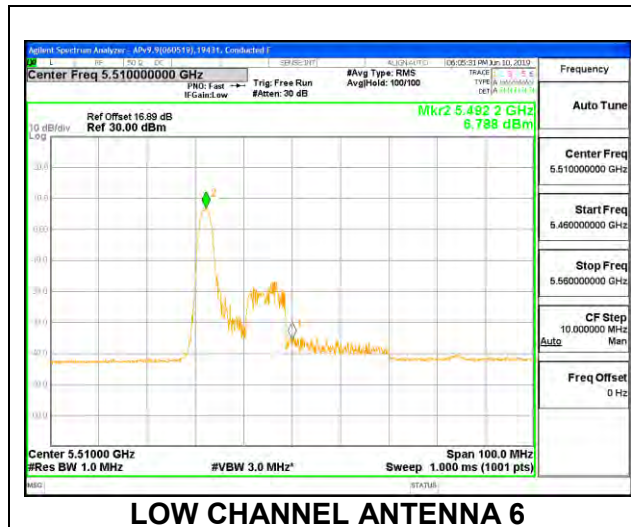
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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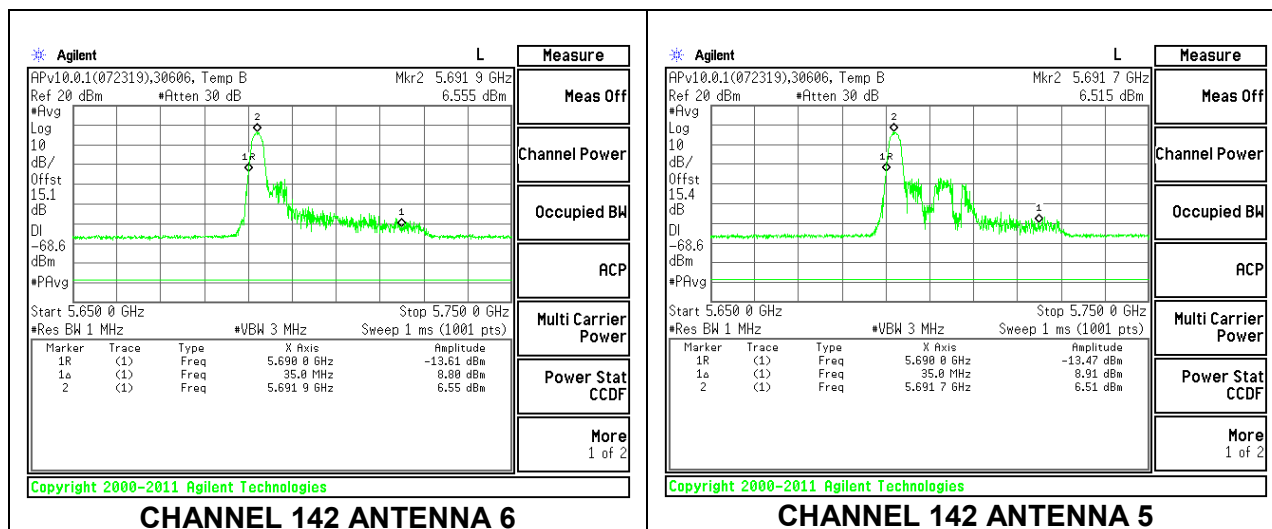
Output Power Results

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	8.90	8.90	11.91	23.61	-11.70
Mid	5550	8.87	8.79	11.84	23.58	-11.74
High	5670	8.93	8.96	11.96	23.62	-11.67
142	5710	8.91	8.94	11.94	23.62	-11.68

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	6.79	6.98	9.90	11.00	-1.10
Mid	5550	6.41	6.27	9.35	11.00	-1.65
High	5670	7.06	6.95	10.02	11.00	-0.98
142	5710	6.55	6.51	9.54	11.00	-1.46





2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC) – 26 Tones, RU Index 8

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5510	25.10	20.9330	-4.17	-1.25
Mid	5550	25.00	20.6230	-4.17	-1.25
High	5670	25.90	20.7910	-4.17	-1.25
142	5710	25.40	20.5680	-4.17	-1.25

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	24.00	30.00	24.00	11.00	11.00	11.00
Mid	5550	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5670	24.00	24.00	30.00	24.00	11.00	11.00	11.00
142	5710	24.00	24.00	30.00	24.00	11.00	11.00	11.00

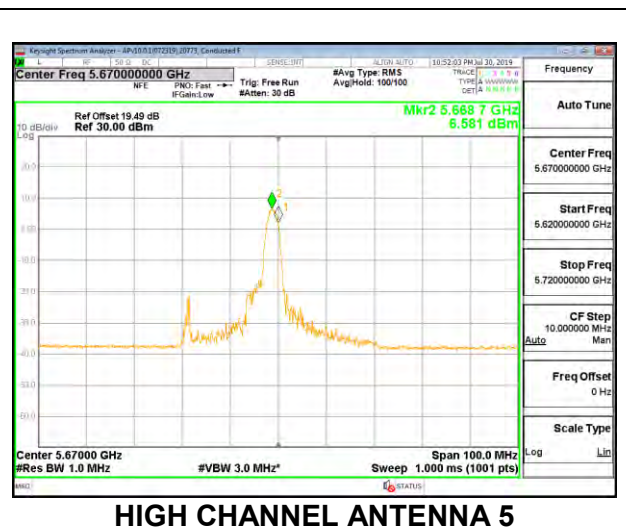
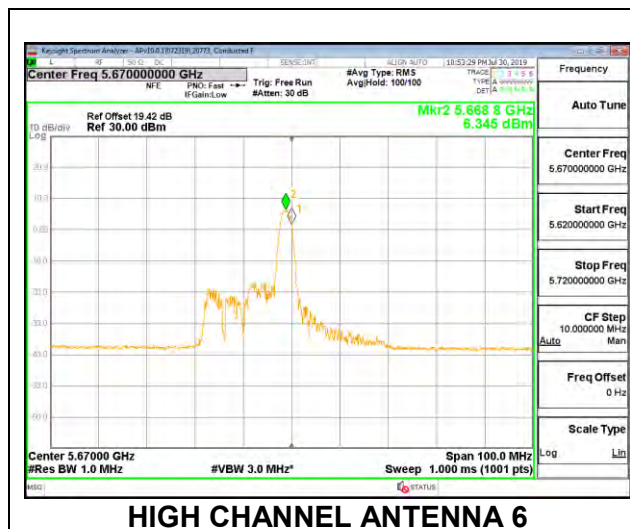
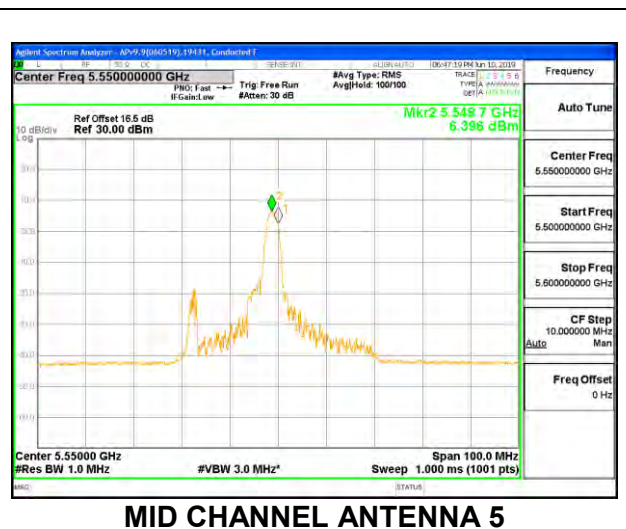
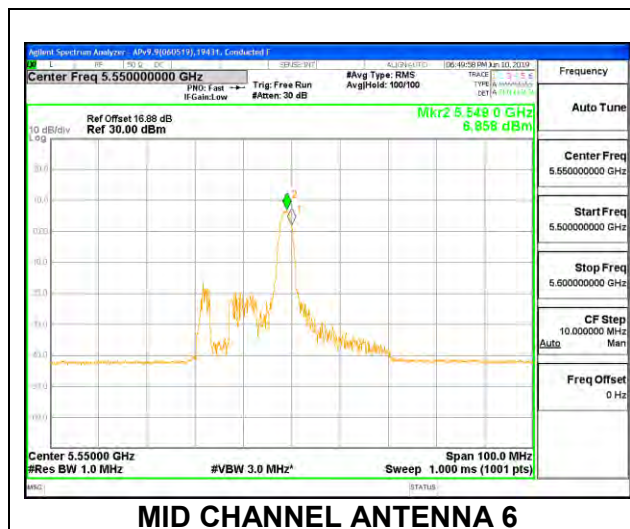
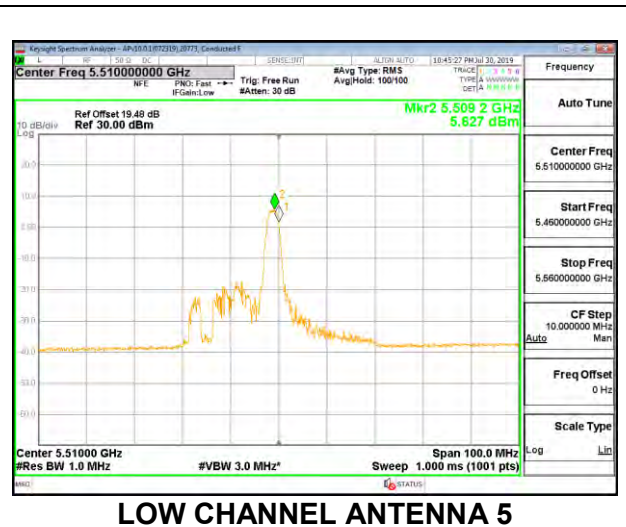
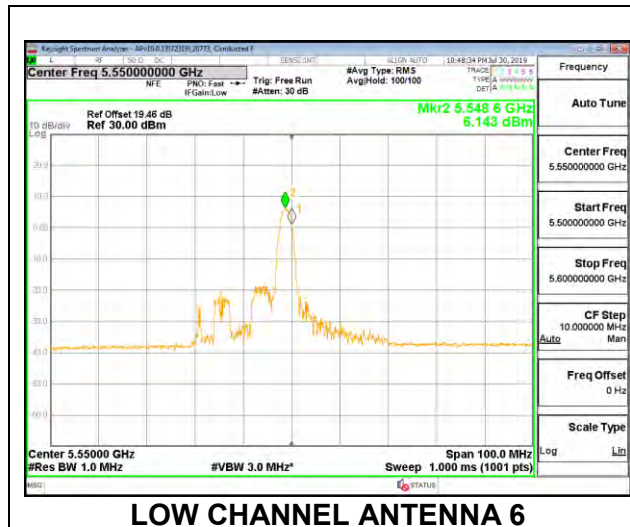
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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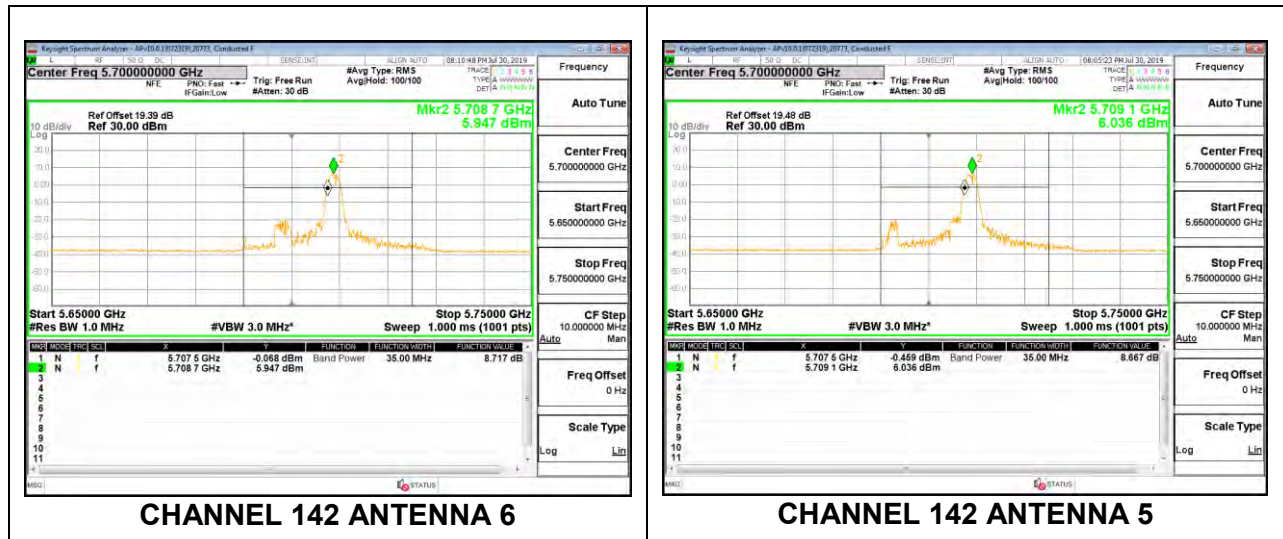
Output Power Results

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	8.69	8.80	11.76	24.00	-12.24
Mid	5550	8.77	8.83	11.81	24.00	-12.19
High	5670	8.82	8.89	11.87	24.00	-12.13
142	5710	8.85	8.90	11.89	24.00	-12.11

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	6.14	5.63	8.90	11.00	-2.10
Mid	5550	6.86	6.40	9.64	11.00	-1.36
High	5670	6.35	6.58	9.47	11.00	-1.53
142	5710	5.95	6.04	9.00	11.00	-2.00





2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC) – 26 Tones, RU Index 17

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5510	20.20	18.3040	-4.17	-1.25
Mid	5550	20.50	18.2700	-4.17	-1.25
High	5670	20.80	18.1830	-4.17	-1.25
142	5710	20.70	18.1850	-4.17	-1.25

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	23.63	29.63	23.63	11.00	11.00	11.00
Mid	5550	24.00	23.62	29.62	23.62	11.00	11.00	11.00
High	5670	24.00	23.60	29.60	23.60	11.00	11.00	11.00
142	5710	24.00	23.60	29.60	23.60	11.00	11.00	11.00

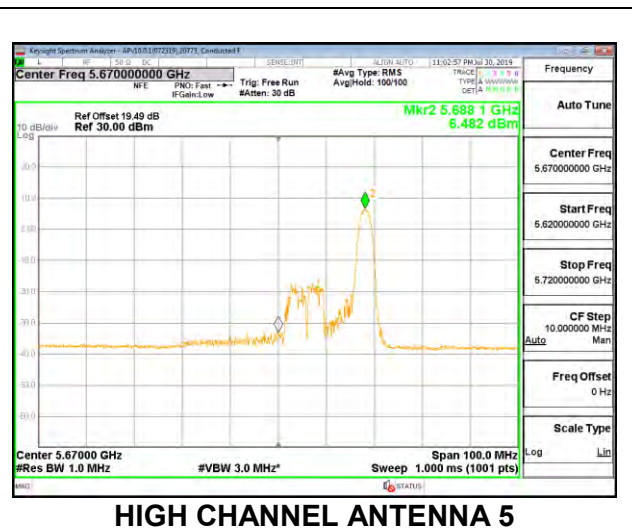
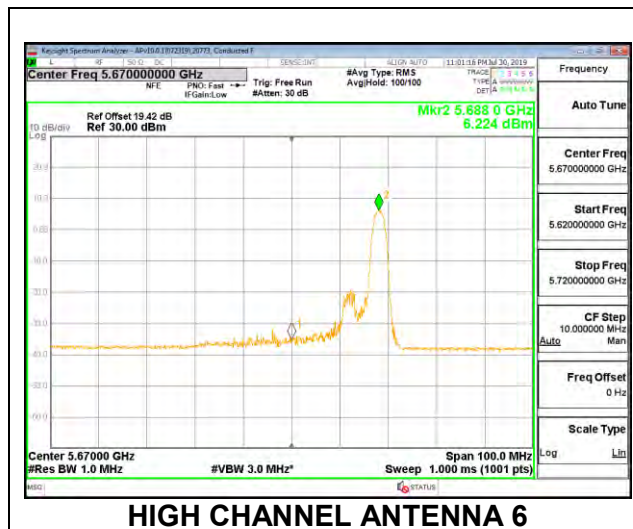
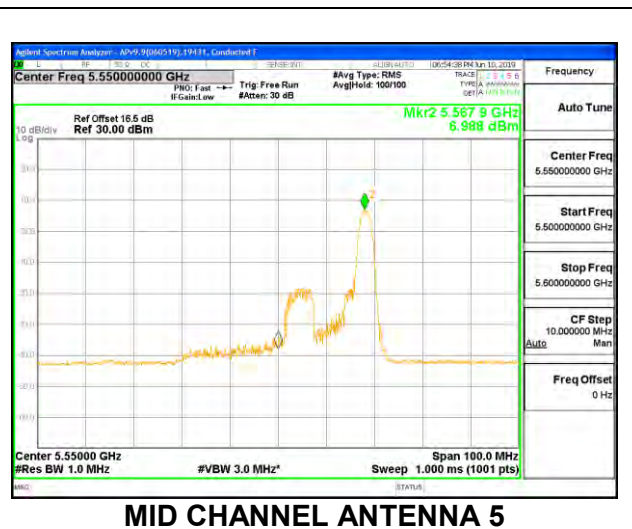
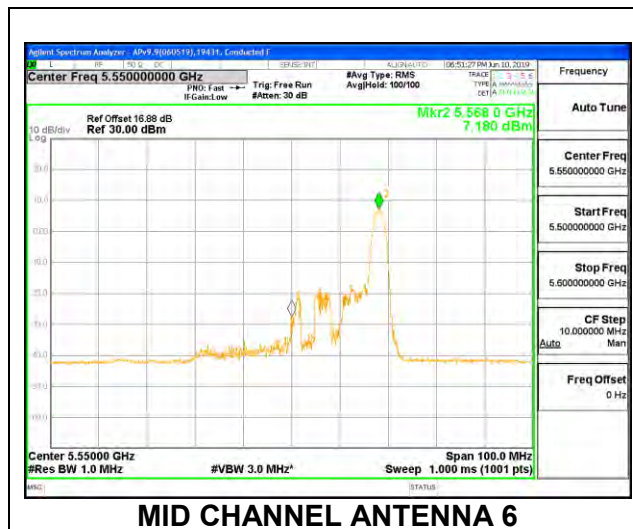
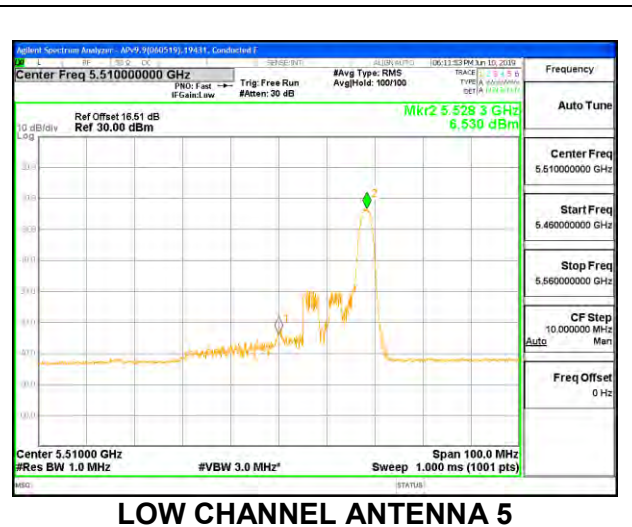
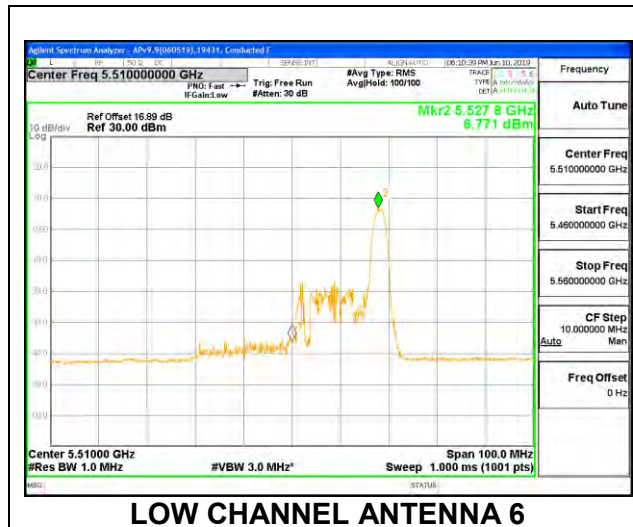
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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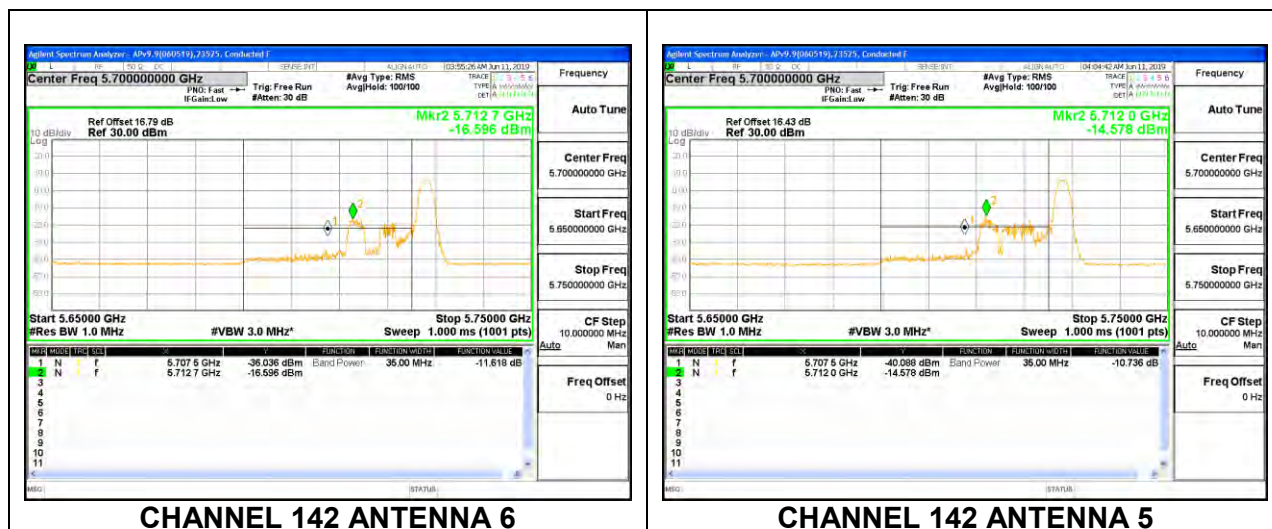
Output Power Results

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	8.69	8.77	11.74	23.63	-11.88
Mid	5550	8.80	8.91	11.87	23.62	-11.75
High	5670	8.84	8.97	11.92	23.60	-11.68
142	5710	8.76	8.88	11.83	23.60	-11.77

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	6.77	6.53	9.66	11.00	-1.34
Mid	5550	7.18	6.99	10.10	11.00	-0.90
High	5670	6.22	6.48	9.37	11.00	-1.63
142	5710	-16.60	-14.58	-12.46	11.00	-23.46





8.5.18. 802.11ax HE80 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE (FCC+IC) – 996 Tones, RU Index 67

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	85.40	77.1650	-3.1
High	5610	87.20	77.3570	-3.1
138	5690	87.40	77.4000	-3.1

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5610	24.00	24.00	30.00	24.00	11.00	11.00	11.00
138	5690	24.00	24.00	30.00	24.00	11.00	11.00	11.00

Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.78	14.78	24.00	-9.22
High	5610	20.89	20.89	24.00	-3.11
138	5690	20.90	20.90	24.00	-3.10

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	0.16	0.28	11.00	-10.72
High	5610	6.69	6.81	11.00	-4.19
138	5690	4.69	4.81	11.00	-6.19



1TX Antenna 6 MODE (FCC+IC) – 26 Tones, RU Index 0

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	21.40	18.1001	-3.1
High	5610	21.60	18.1689	-3.1
138	5690	21.20	18.1914	-3.1

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	23.58	29.58	23.58	11.00	11.00	11.00
High	5610	24.00	23.59	29.59	23.59	11.00	11.00	11.00
138	5690	24.00	23.60	29.60	23.60	11.00	11.00	11.00

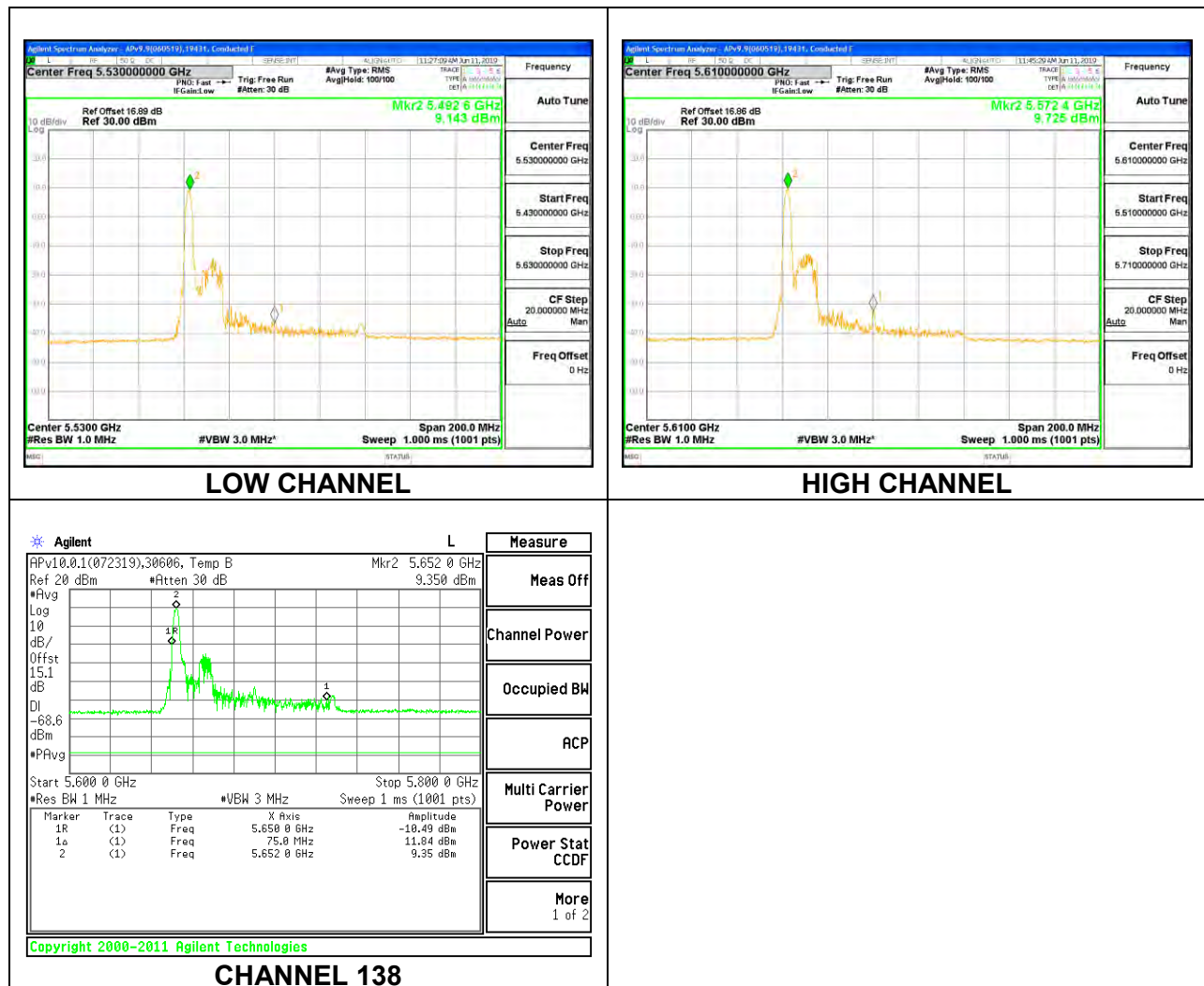
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.67	11.67	23.58	-11.91
High	5610	11.78	11.78	23.59	-11.81
138	5690	11.90	11.90	23.60	-11.70

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	9.14	9.14	11.00	-1.86
High	5610	9.73	9.73	11.00	-1.28
138	5690	9.35	9.35	11.00	-1.65



1TX Antenna 6 MODE (FCC+IC) – 26 Tones, RU Index 18

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	40.60	36.5530	-3.1
High	5610	41.00	36.3700	-3.1
138	5690	41.00	36.7110	-3.1

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5610	24.00	24.00	30.00	24.00	11.00	11.00	11.00
138	5690	24.00	24.00	30.00	24.00	11.00	11.00	11.00

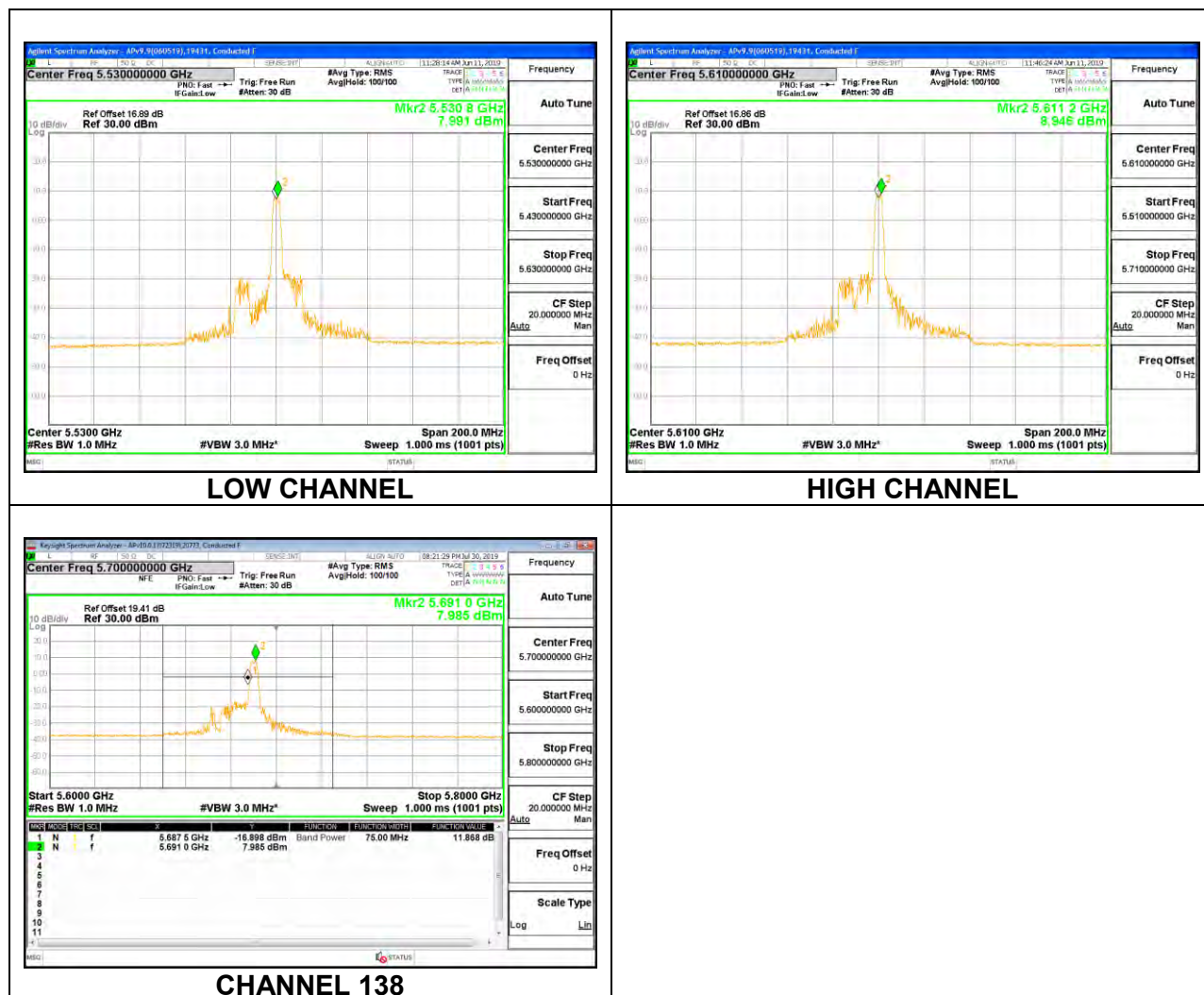
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.98	11.98	24.00	-12.02
High	5610	11.90	11.90	24.00	-12.10
138	5690	11.92	11.92	24.00	-12.08

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	7.99	7.99	11.00	-3.01
High	5610	8.95	8.95	11.00	-2.05
138	5690	7.99	7.99	11.00	-3.02



1TX Antenna 6 MODE (FCC+IC) – 26 Tones, RU Index 36

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	23.20	18.4561	-3.1
High	5610	23.00	18.3846	-3.1
138	5690	22.80	18.4513	-3.1

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	23.66	29.66	23.66	11.00	11.00	11.00
High	5610	24.00	23.64	29.64	23.64	11.00	11.00	11.00
138	5690	24.00	23.66	29.66	23.66	11.00	11.00	11.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.80	11.80	23.66	-11.86
High	5610	11.82	11.82	23.64	-11.82
138	5690	11.90	11.90	23.66	-11.76

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	9.52	9.52	11.00	-1.48
High	5610	10.49	10.49	11.00	-0.51
138	5690	-16.72	-16.72	11.00	-27.72



1TX Antenna 5 MODE (FCC+IC) – 996 Tones, RU Index 67

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	85.20	77.1500	-5.6
High	5610	86.00	77.1890	-5.6
138	5690	85.40	77.0000	-5.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5610	24.00	24.00	30.00	24.00	11.00	11.00	11.00
138	5690	24.00	24.00	30.00	24.00	11.00	11.00	11.00

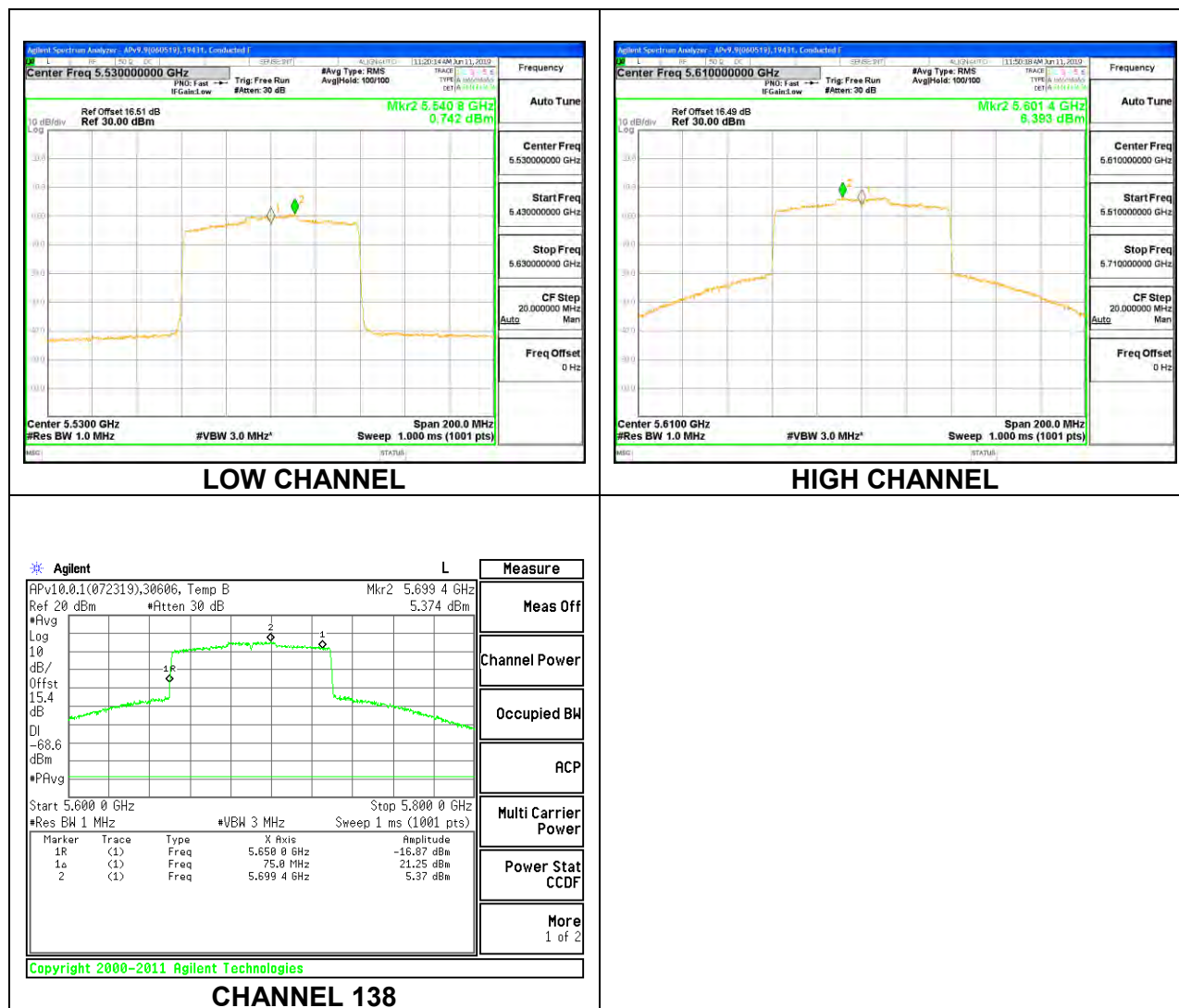
Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.69	14.69	24.00	-9.31
High	5610	21.40	21.40	24.00	-2.60
138	5690	21.33	21.33	24.00	-2.67

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	0.74	0.86	11.00	-10.14
High	5610	6.39	6.51	11.00	-4.49
138	5690	5.37	5.49	11.00	-5.51



1TX Antenna 5 MODE (FCC+IC) – 26 Tones, RU Index 0

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	21.00	18.2554	-5.6
High	5610	21.60	18.1443	-5.6
138	5690	21.20	18.1408	-5.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	23.61	29.61	23.61	11.00	11.00	11.00
High	5610	24.00	23.59	29.59	23.59	11.00	11.00	11.00
138	5690	24.00	23.59	29.59	23.59	11.00	11.00	11.00

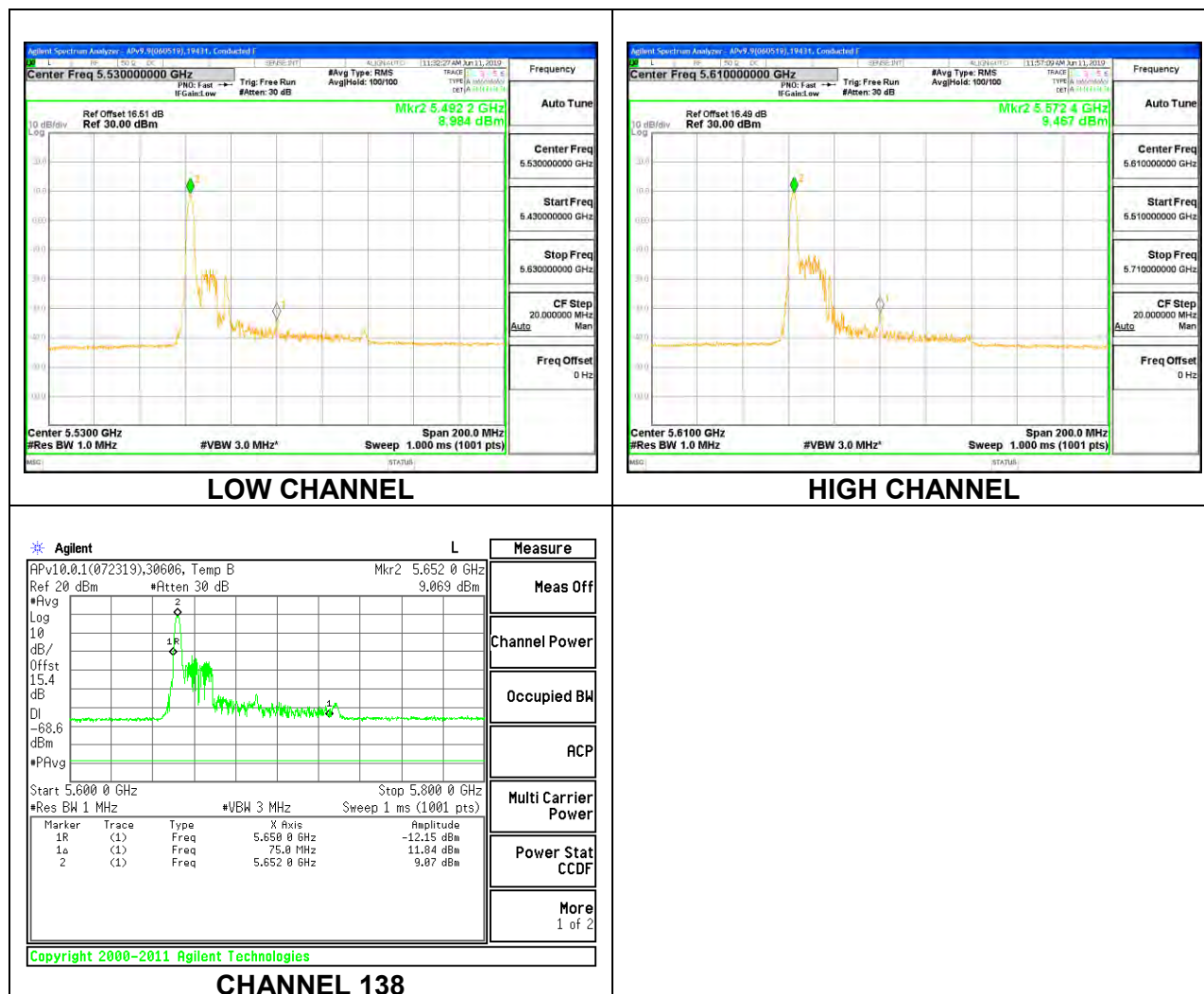
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.73	11.73	23.61	-11.88
High	5610	11.80	11.80	23.59	-11.79
138	5690	11.90	11.90	23.59	-11.69

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	8.98	8.98	11.00	-2.02
High	5610	9.47	9.47	11.00	-1.53
138	5690	9.07	9.07	11.00	-1.93



1TX Antenna 5 MODE (FCC+IC) – 26 Tones, RU Index 18

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	40.40	35.8000	-5.6
High	5610	40.80	36.8830	-5.6
138	5690	40.60	36.9060	-5.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5610	24.00	24.00	30.00	24.00	11.00	11.00	11.00
138	5690	24.00	24.00	30.00	24.00	11.00	11.00	11.00

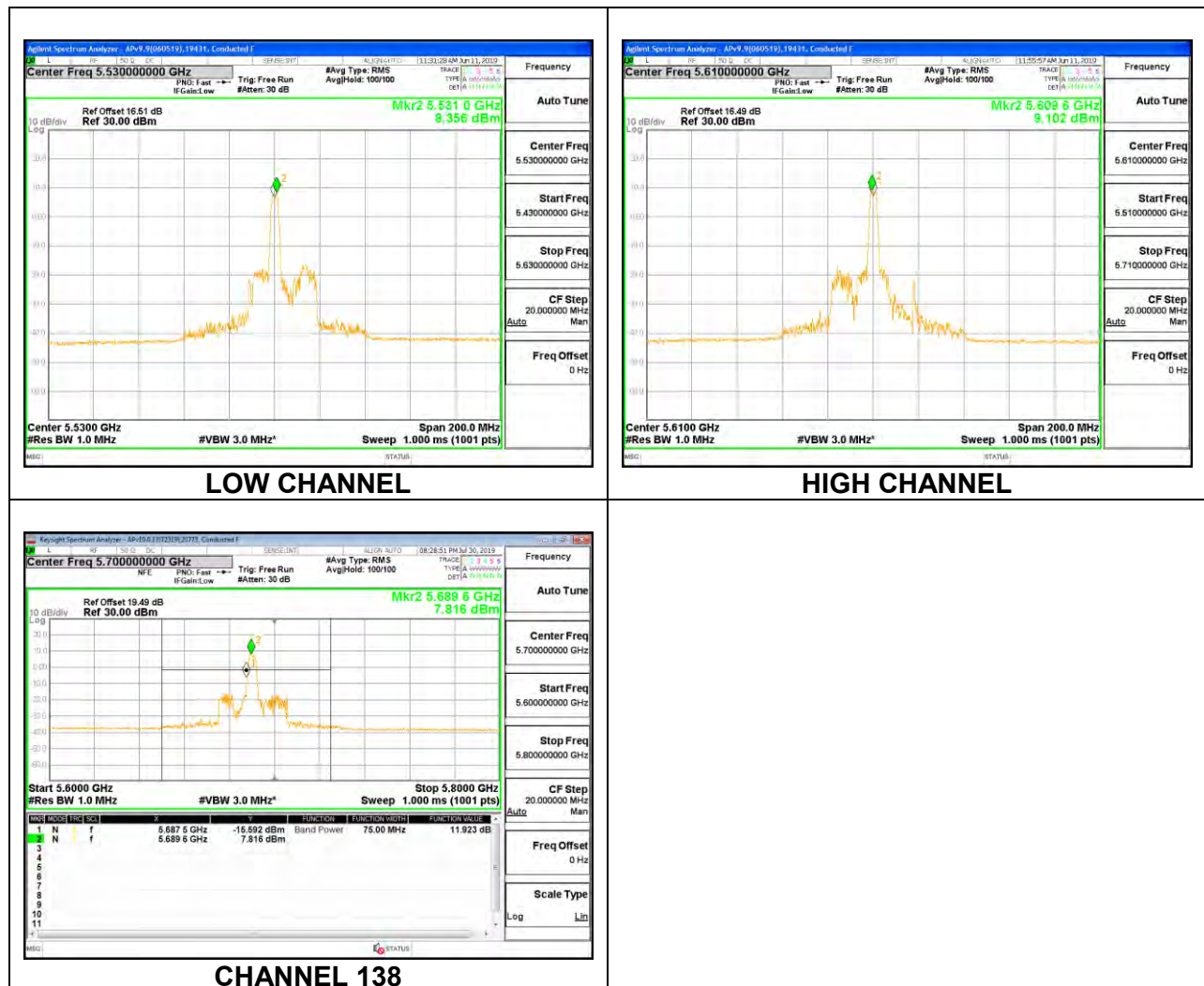
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.87	11.87	24.00	-12.13
High	5610	11.79	11.79	24.00	-12.21
138	5690	11.95	11.95	24.00	-12.05

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	8.36	8.36	11.00	-2.64
High	5610	9.10	9.10	11.00	-1.90
138	5690	7.82	7.82	11.00	-3.18



1TX Antenna 5 MODE (FCC+IC) – 26 Tones, RU Index 36

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	22.00	18.4797	-5.6
High	5610	22.20	18.2074	-5.6
138	5690	23.00	18.1620	-5.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	23.67	29.67	23.67	11.00	11.00	11.00
High	5610	24.00	23.60	29.60	23.60	11.00	11.00	11.00
138	5690	24.00	23.59	29.59	23.59	11.00	11.00	11.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.66	11.66	23.67	-12.01
High	5610	11.81	11.81	23.60	-11.79
138	5690	11.79	11.79	23.59	-11.80

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	9.96	9.96	11.00	-1.04
High	5610	10.45	10.45	11.00	-0.55
138	5690	-12.91	-12.91	11.00	-23.91



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC) – 996 Tones, RU Index 67

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	85.00	77.0360	-4.17	-1.25
High	5610	85.00	77.2280	-4.17	-1.25
138	5690	85.40	77.2830	-4.17	-1.25

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5610	24.00	24.00	30.00	24.00	11.00	11.00	11.00
138	5690	24.00	24.00	30.00	24.00	11.00	11.00	11.00

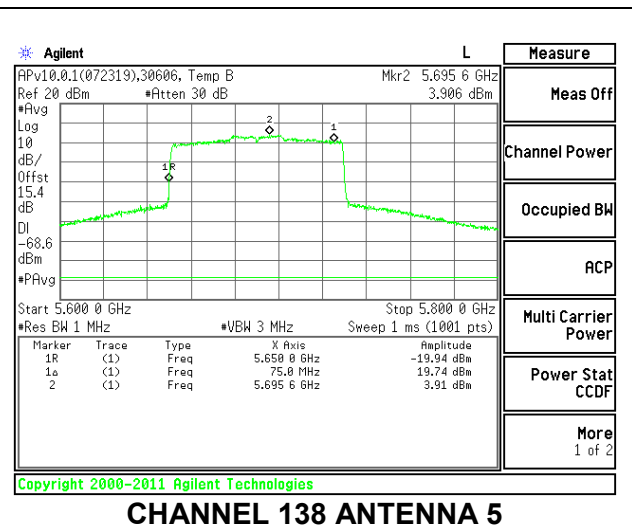
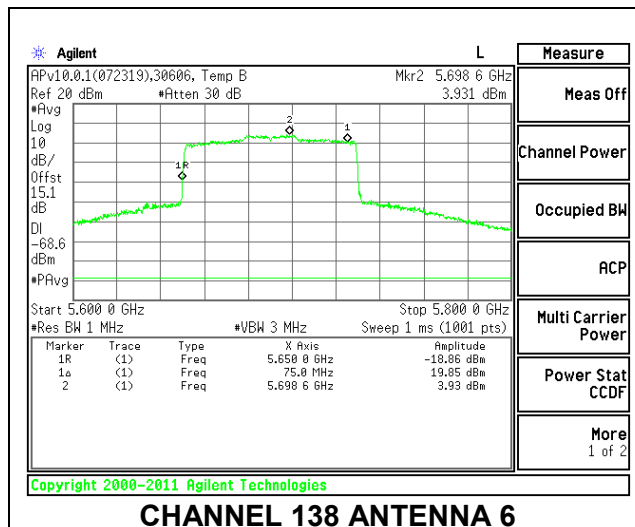
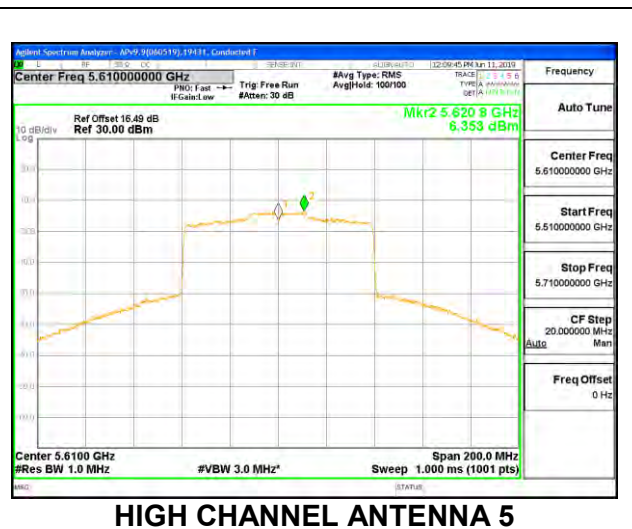
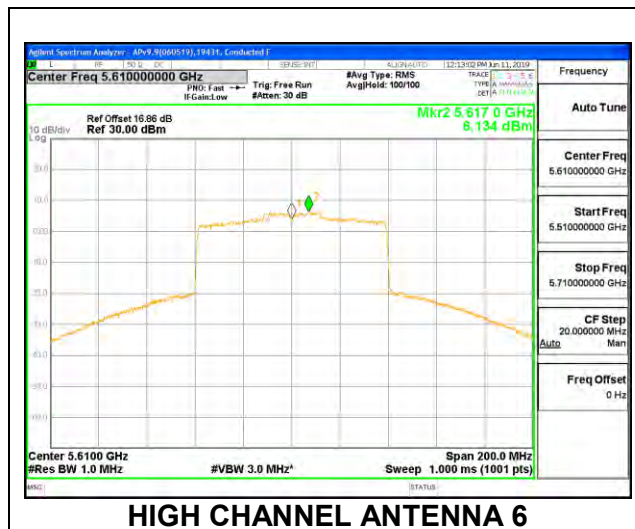
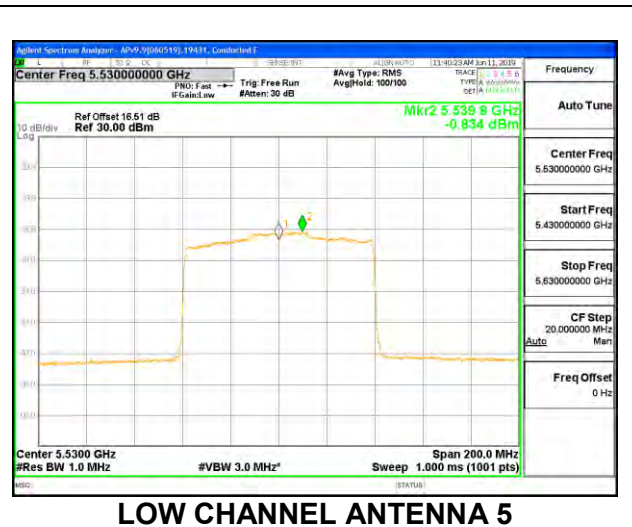
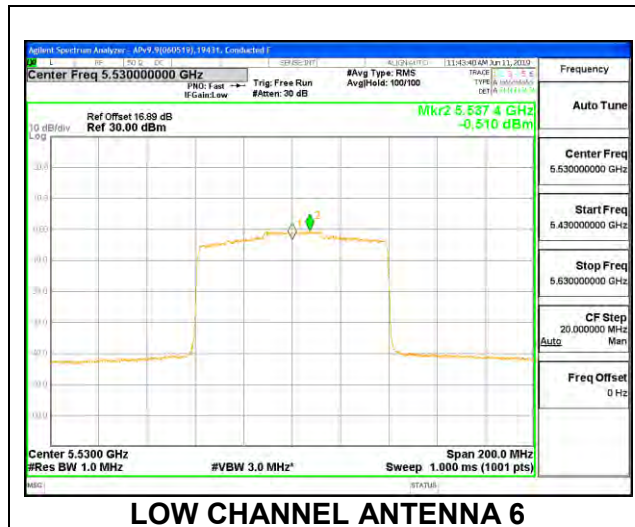
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	13.40	13.48	16.45	24.00	-7.55
High	5610	19.80	19.89	22.86	24.00	-1.14
138	5690	19.91	19.80	22.97	24.00	-1.03

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	-0.51	-0.83	2.44	11.00	-8.56
High	5610	6.13	6.35	9.36	11.00	-1.64
138	5690	3.93	3.91	7.03	11.00	-3.97



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC) – 26 Tones, RU Index 0

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	20.80	17.5502	-4.17	-1.25
High	5610	20.80	18.0401	-4.17	-1.25
138	5690	20.60	18.0757	-4.17	-1.25

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	23.44	29.44	23.44	11.00	11.00	11.00
High	5610	24.00	23.56	29.56	23.56	11.00	11.00	11.00
138	5690	24.00	23.57	29.57	23.57	11.00	11.00	11.00

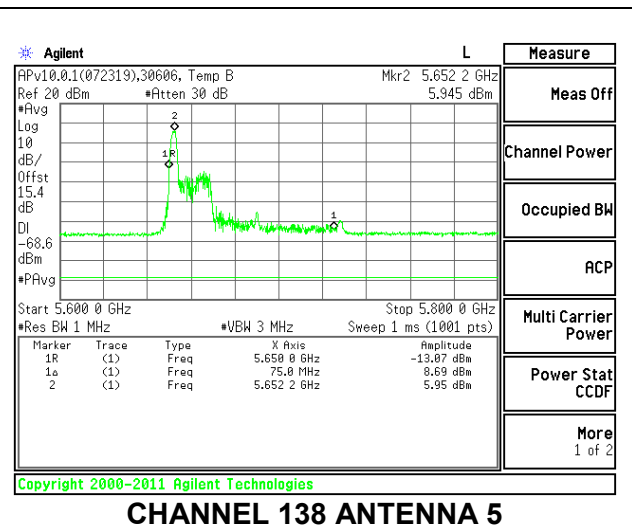
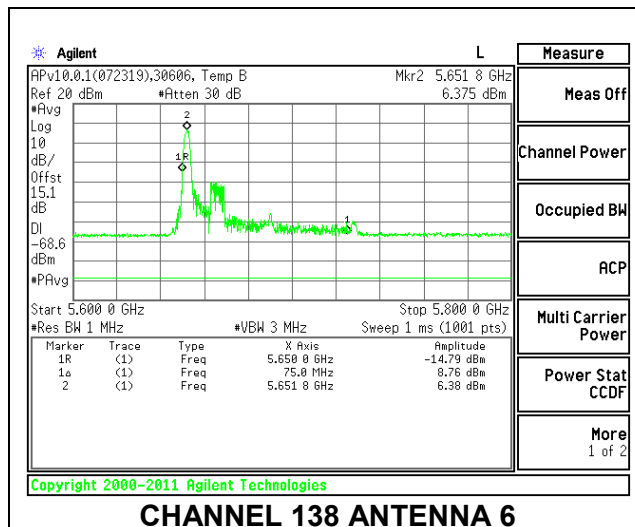
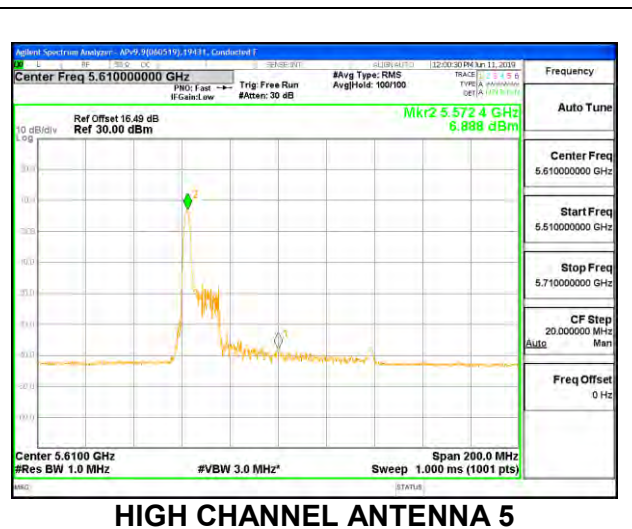
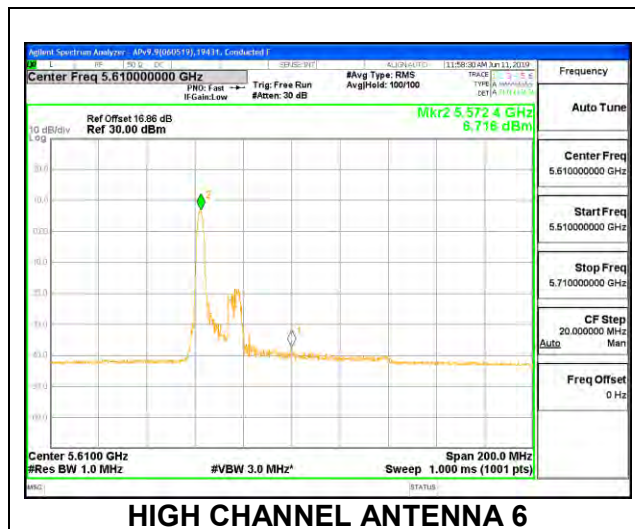
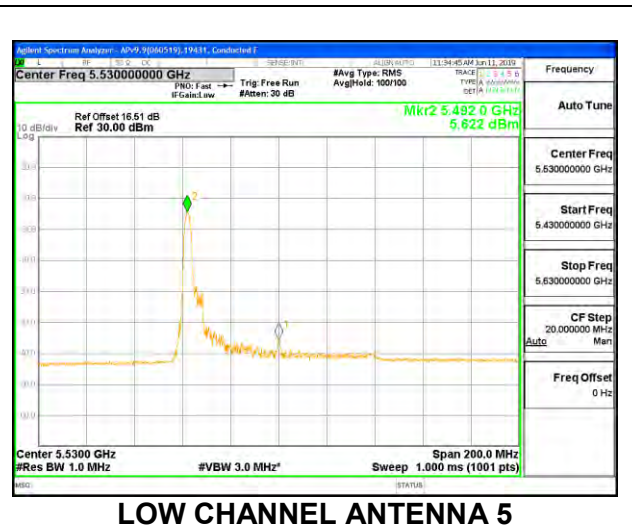
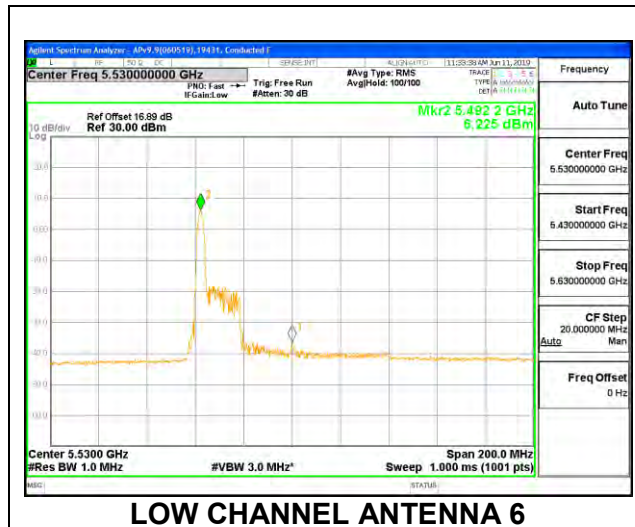
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	8.88	8.89	11.90	23.44	-11.55
High	5610	8.78	8.90	11.85	23.56	-11.71
138	5690	8.88	8.79	11.85	23.57	-11.73

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	6.23	5.62	8.94	11.00	-2.06
High	5610	6.72	6.89	9.81	11.00	-1.19
138	5690	6.38	5.95	9.18	11.00	-1.82



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC) – 26 Tones, RU Index 18

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	39.20	36.1660	-4.17	-1.25
High	5610	38.80	36.7030	-4.17	-1.25
138	5690	39.20	36.6680	-4.17	-1.25

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5610	24.00	24.00	30.00	24.00	11.00	11.00	11.00
138	5690	24.00	24.00	30.00	24.00	11.00	11.00	11.00

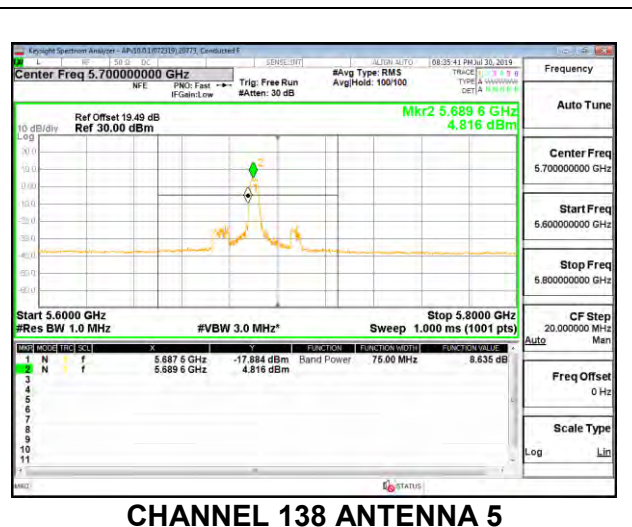
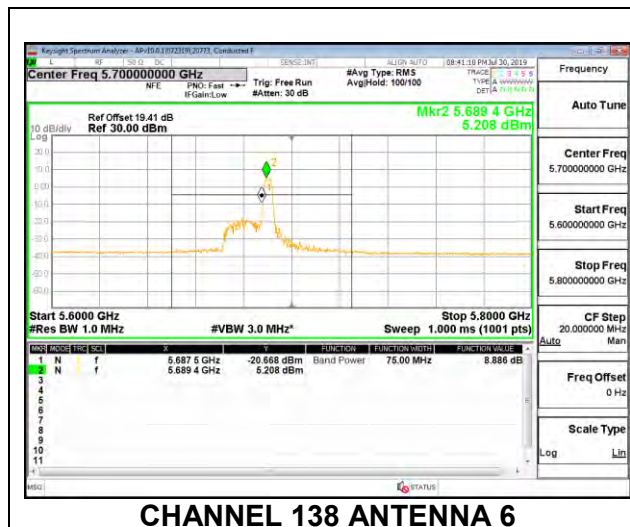
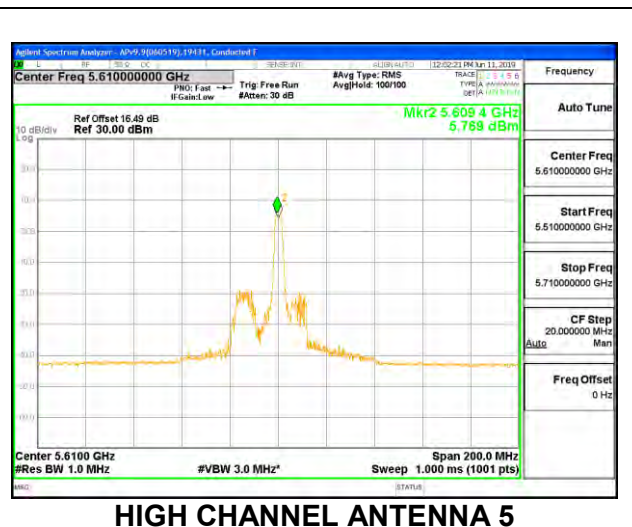
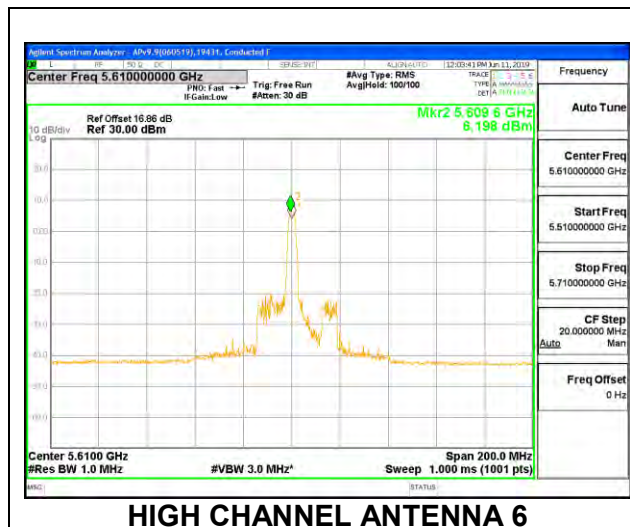
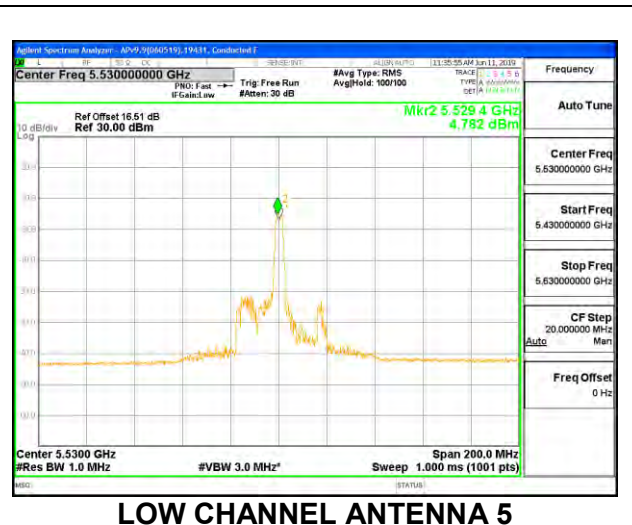
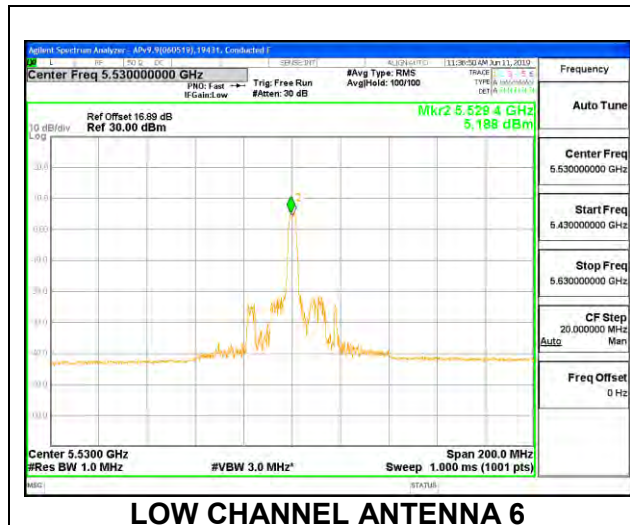
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	8.90	8.95	11.94	24.00	-12.06
High	5610	8.94	8.99	11.98	24.00	-12.02
138	5690	8.91	8.79	11.86	24.00	-12.14

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	5.19	4.78	8.00	11.00	-3.00
High	5610	6.20	5.77	9.00	11.00	-2.00
138	5690	5.21	4.82	8.03	11.00	-2.97



2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC+IC) – 26 Tones, RU Index 36

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	21.00	18.1378	-4.17	-1.25
High	5610	20.80	18.0054	-4.17	-1.25
138	5690	20.90	18.1338	-4.17	-1.25

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	23.59	29.59	23.59	11.00	11.00	11.00
High	5610	24.00	23.55	29.55	23.55	11.00	11.00	11.00
138	5690	24.00	23.58	29.58	23.58	11.00	11.00	11.00

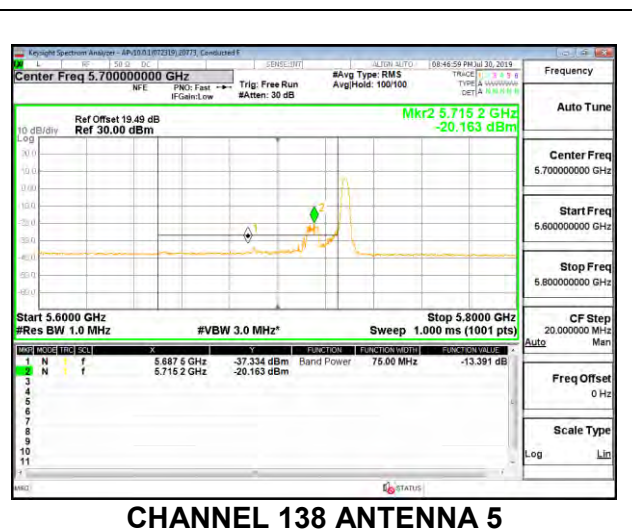
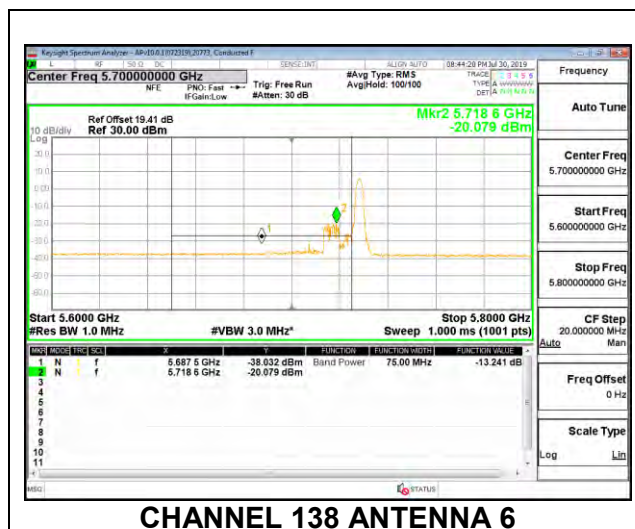
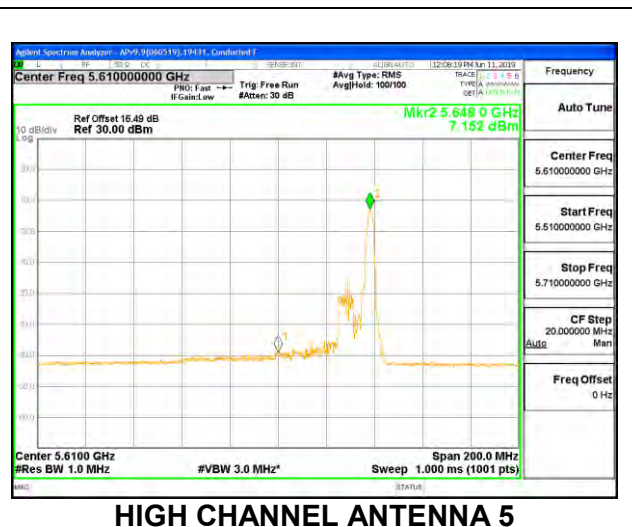
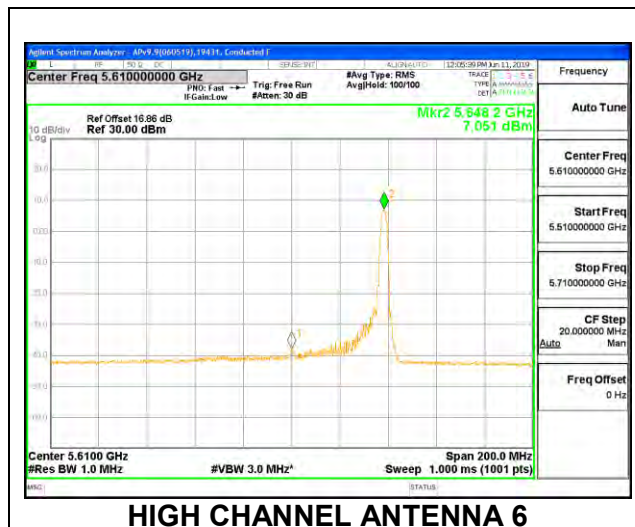
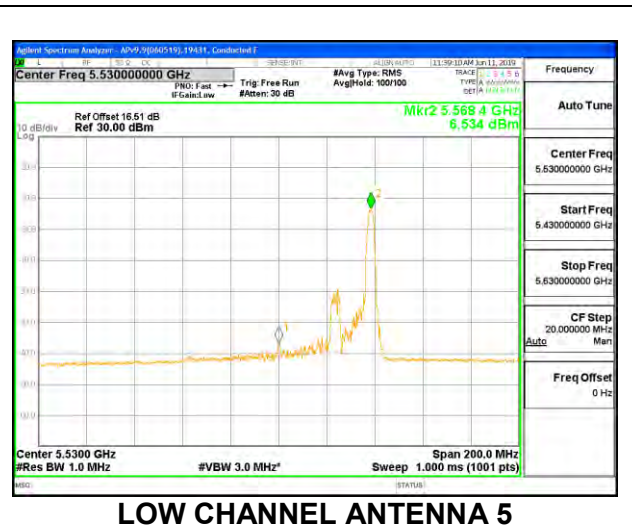
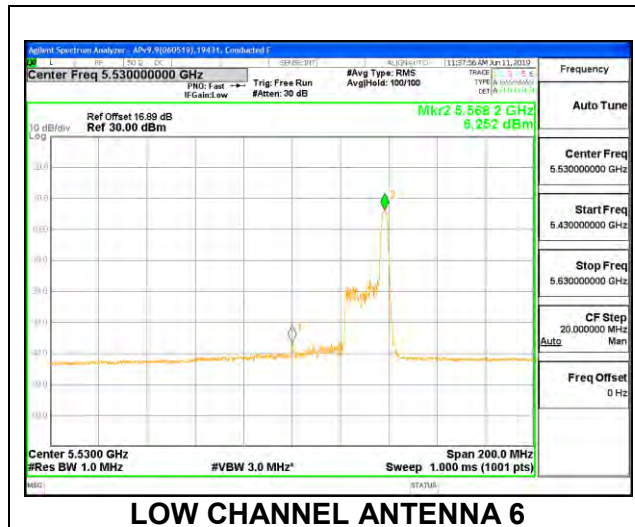
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	8.79	8.89	11.85	23.59	-11.74
High	5610	8.90	8.94	11.93	23.55	-11.62
138	5690	8.77	8.84	11.82	23.58	-11.77

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	6.25	6.53	9.41	11.00	-1.59
High	5610	7.05	7.15	10.11	11.00	-0.89
138	5690	-20.08	-20.16	-17.11	11.00	-28.11



8.5.19. 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Low	5745	-5.20	30.00	30.00
Mid	5785	-5.20	30.00	30.00
High	5825	-5.20	30.00	30.00
144	5720	-5.20	30.00	30.00

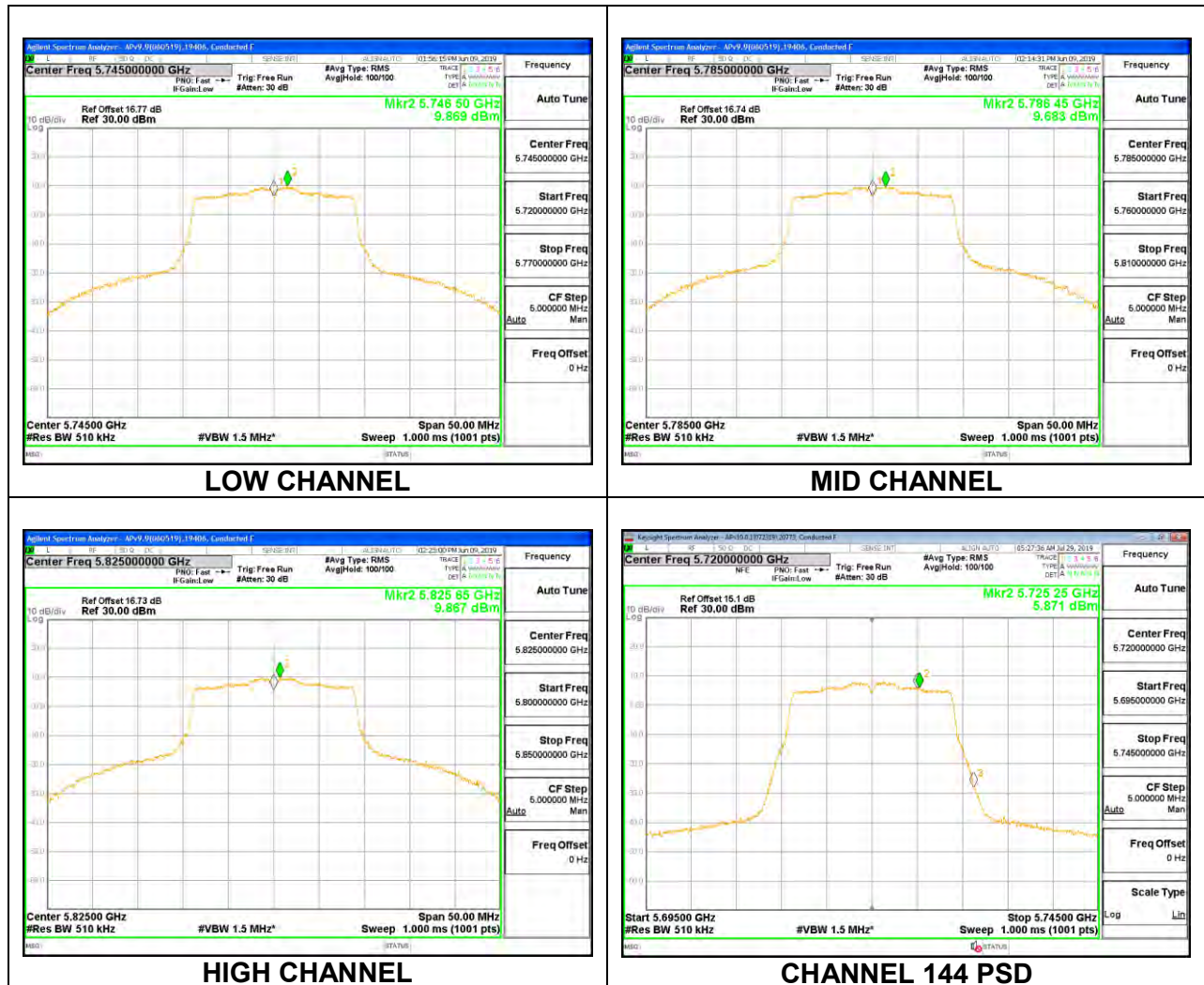
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.20	21.20	30.00	-8.80
Mid	5785	21.45	21.45	30.00	-8.55
High	5825	21.39	21.39	30.00	-8.61

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5745	9.87	9.87	30.00	-20.13
Mid	5785	9.68	9.68	30.00	-20.32
High	5825	9.69	9.69	30.00	-20.31
144	5720	5.87	5.87	30.00	-24.13



1TX Antenna 5 MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Low	5745	-9.40	30.00	30.00
Mid	5785	-9.40	30.00	30.00
High	5825	-9.40	30.00	30.00
144	5720	-9.40	30.00	30.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.45	21.45	30.00	-8.55
Mid	5785	21.43	21.43	30.00	-8.57
High	5825	21.39	21.39	30.00	-8.61

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5745	9.52	9.52	30.00	-20.48
Mid	5785	9.81	9.81	30.00	-20.19
High	5825	10.20	10.20	30.00	-19.80
144	5720	6.25	6.25	30.00	-23.75



2TX Antenna 6 + Antenna 5 CDD MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Low	5745	-6.81	-4.04	30.00	30.00
Mid	5785	-6.81	-4.04	30.00	30.00
High	5825	-6.81	-4.04	30.00	30.00
144	5720	-6.81	-4.04	30.00	30.00

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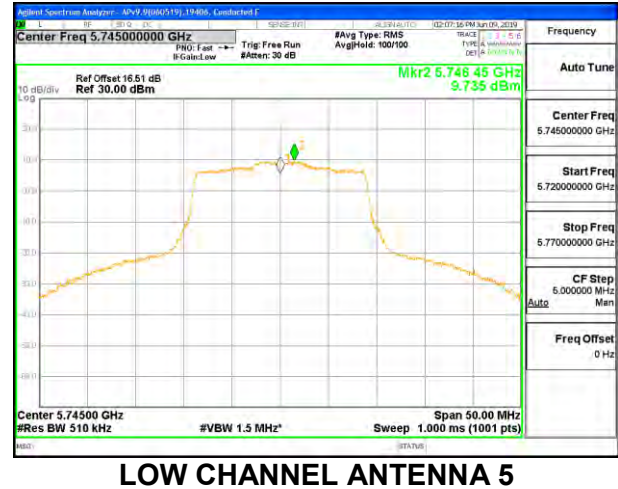
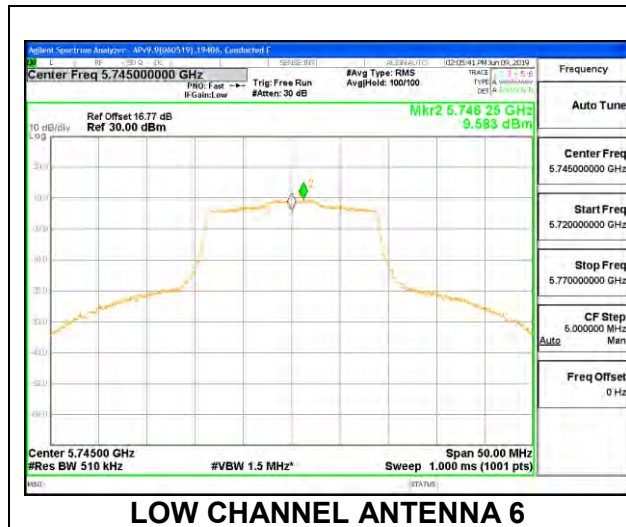
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.39	21.44	24.43	30.00	-5.57
Mid	5785	21.22	21.39	24.32	30.00	-5.68
High	5825	21.43	21.35	24.40	30.00	-5.60

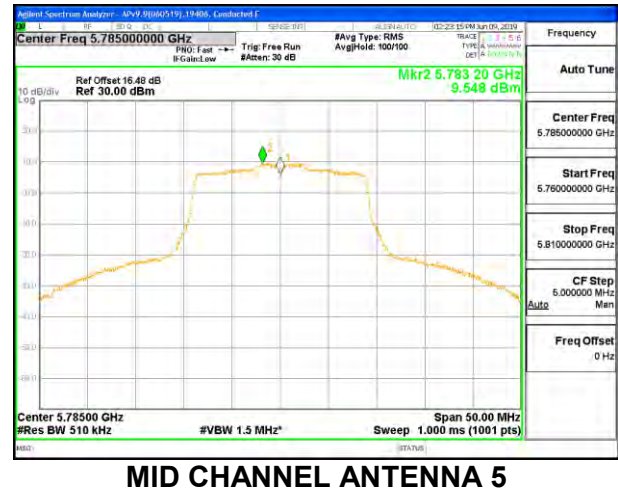
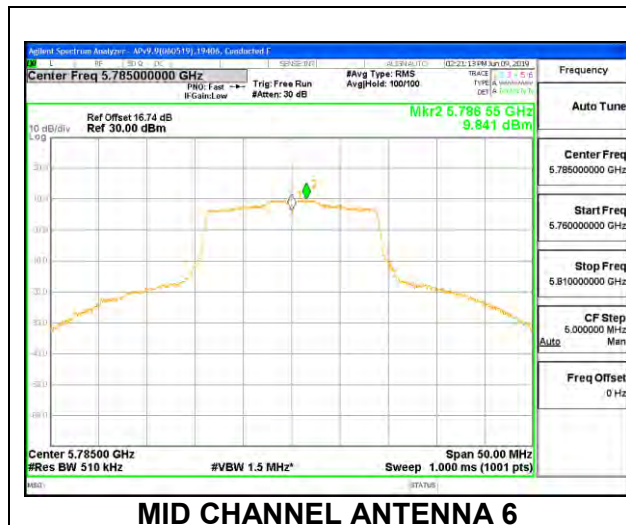
PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 500KHz)	Antenna 5 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5745	9.58	9.74	12.67	30.00	-17.33
Mid	5785	9.84	9.55	12.71	30.00	-17.29
High	5825	10.23	10.00	13.12	30.00	-16.88
144	5720	2.80	4.97	7.03	30.00	-22.97

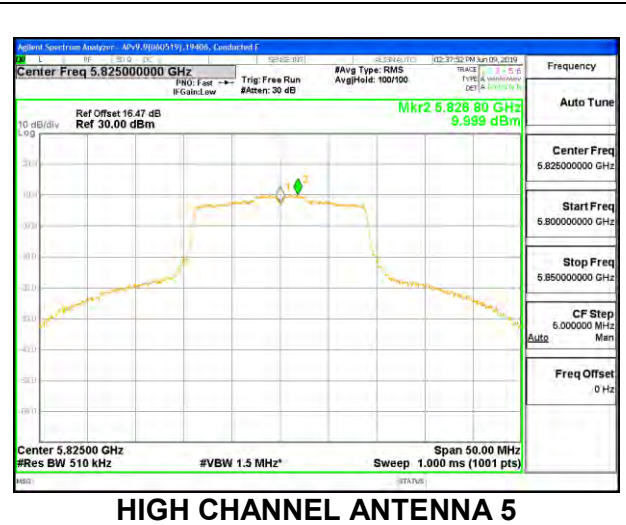
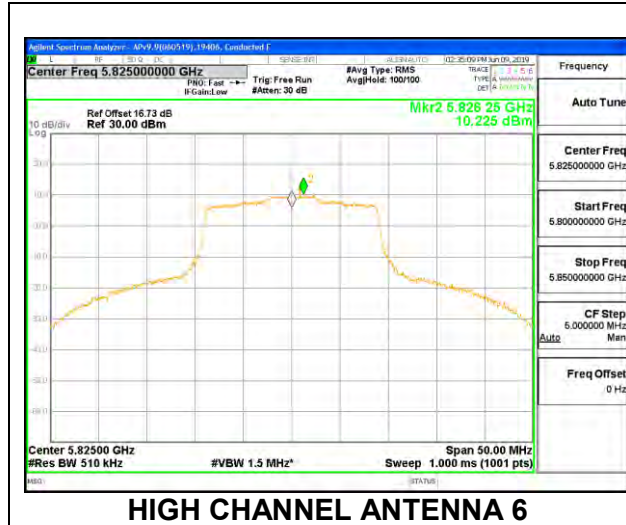
LOW CHANNEL



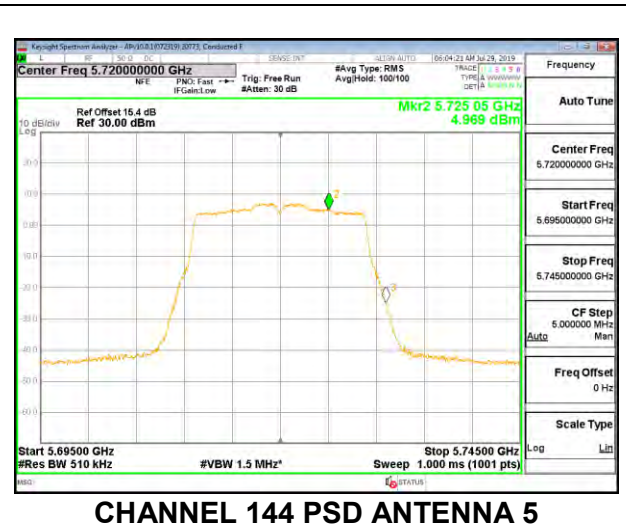
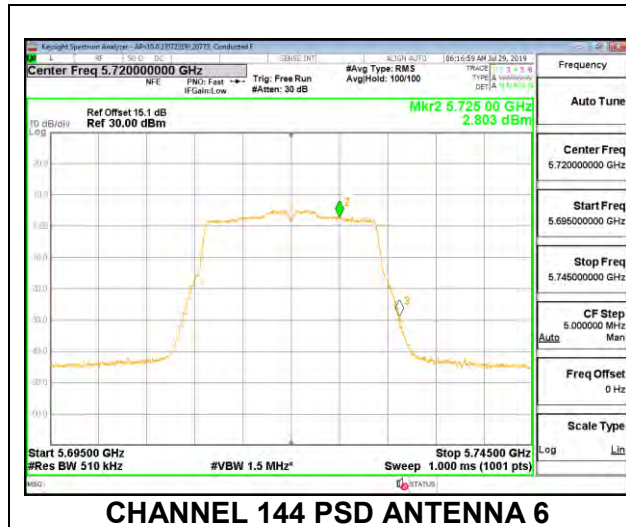
MID CHANNEL



HIGH CHANNEL



CHANNEL 144



8.5.20. 802.11n HT40 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Low	5755	-5.20	30.00	30.00
High	5795	-5.20	30.00	30.00
142	5710	-5.20	30.00	30.00

Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.39	21.39	30.00	-8.61
High	5795	21.25	21.25	30.00	-8.75

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	7.05	7.17	30.00	-22.83
High	5795	6.96	7.08	30.00	-22.92
142	5710	1.93	2.05	30.00	-27.95



1TX Antenna 5 MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Low	5755	-9.40	30.00	30.00
High	5795	-9.40	30.00	30.00
142	5710	-9.40	30.00	30.00

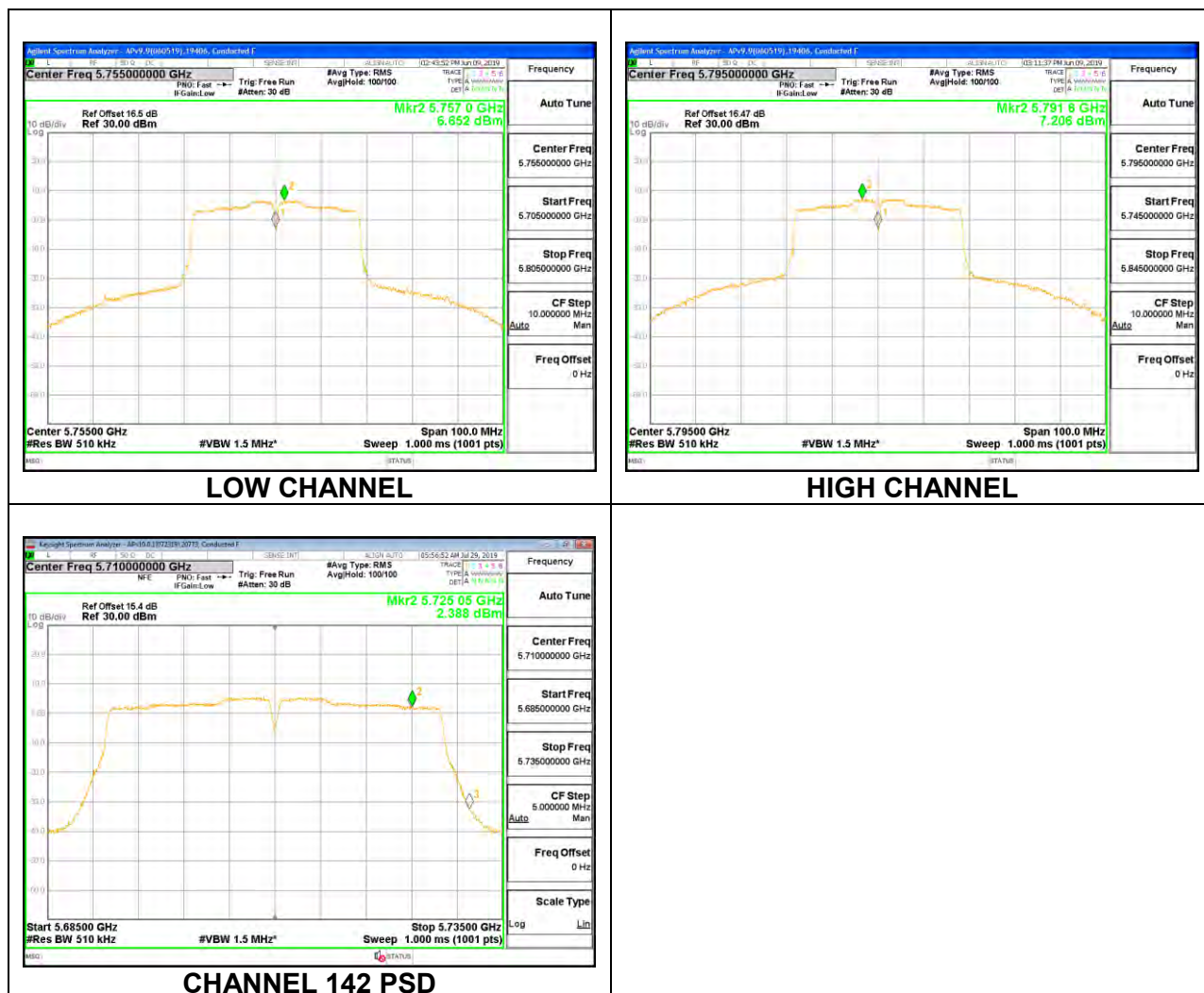
Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.30	21.30	30.00	-8.70
High	5795	21.39	21.39	30.00	-8.61

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	6.65	6.77	30.00	-23.23
High	5795	7.21	7.33	30.00	-22.67
142	5710	2.39	2.51	30.00	-27.49



2TX Antenna 6 + Antenna 5 CDD MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Low	5755	-6.81	-4.04	30.00	30.00
High	5795	-6.81	-4.04	30.00	30.00
142	5710	-6.81	-4.04	30.00	30.00

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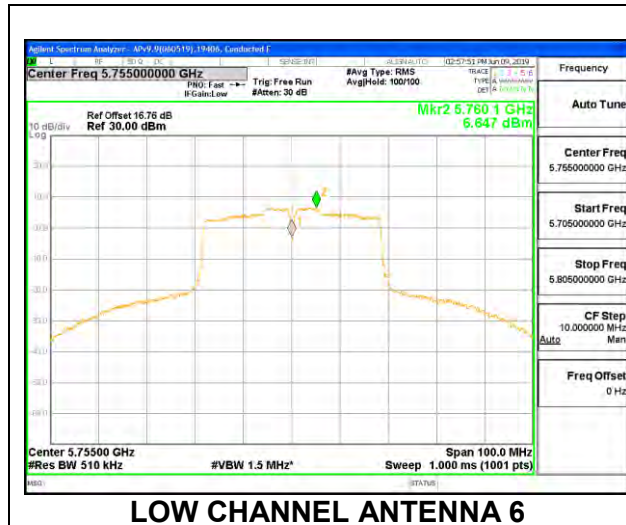
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.22	21.30	24.27	30.00	-5.73
High	5795	21.29	21.35	24.33	30.00	-5.67

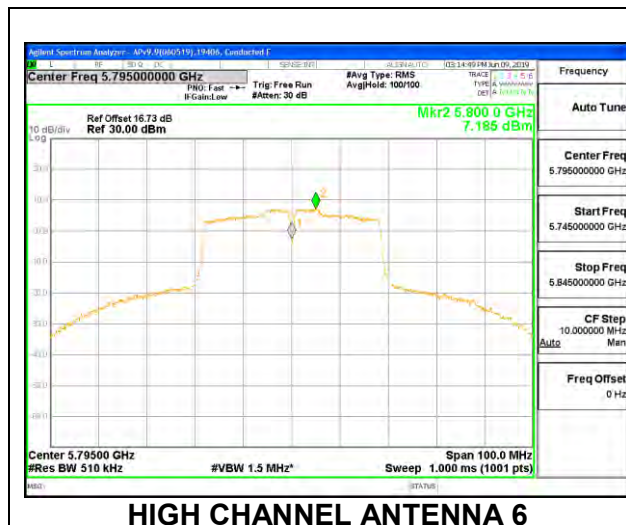
PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 500KHz)	Antenna 5 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5755	6.65	7.02	9.94	30.00	-20.06
High	5795	7.19	7.12	10.25	30.00	-19.75
142	5710	0.80	0.81	3.90	30.00	-26.10

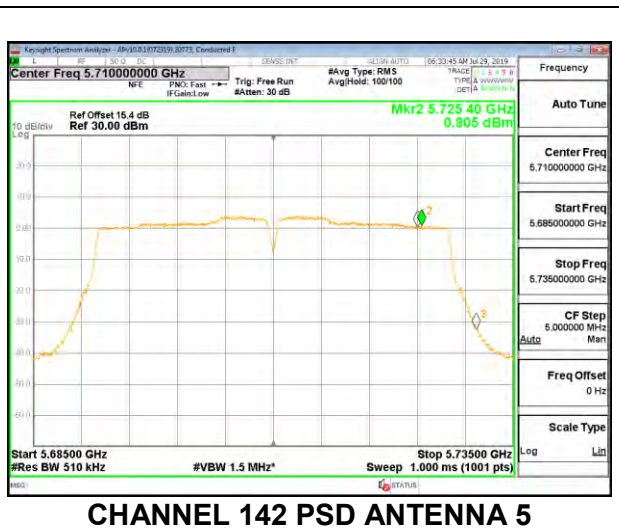
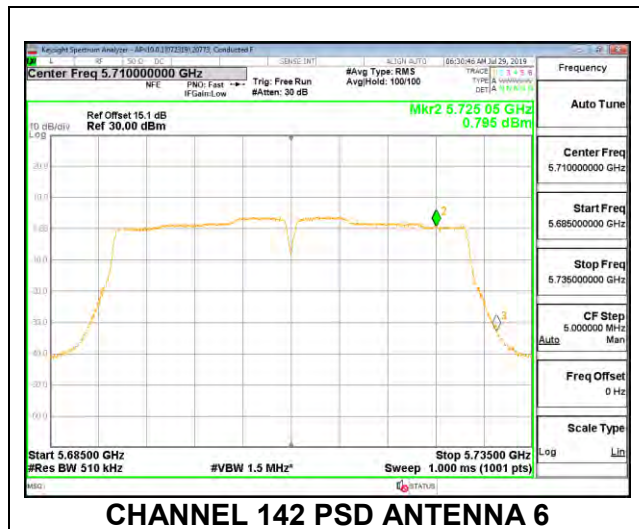
LOW CHANNEL



HIGH CHANNEL



CHANNEL 142



8.5.21. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Mid	5775	-5.20	30.00	30.00
138	5690	-5.20	30.00	30.00

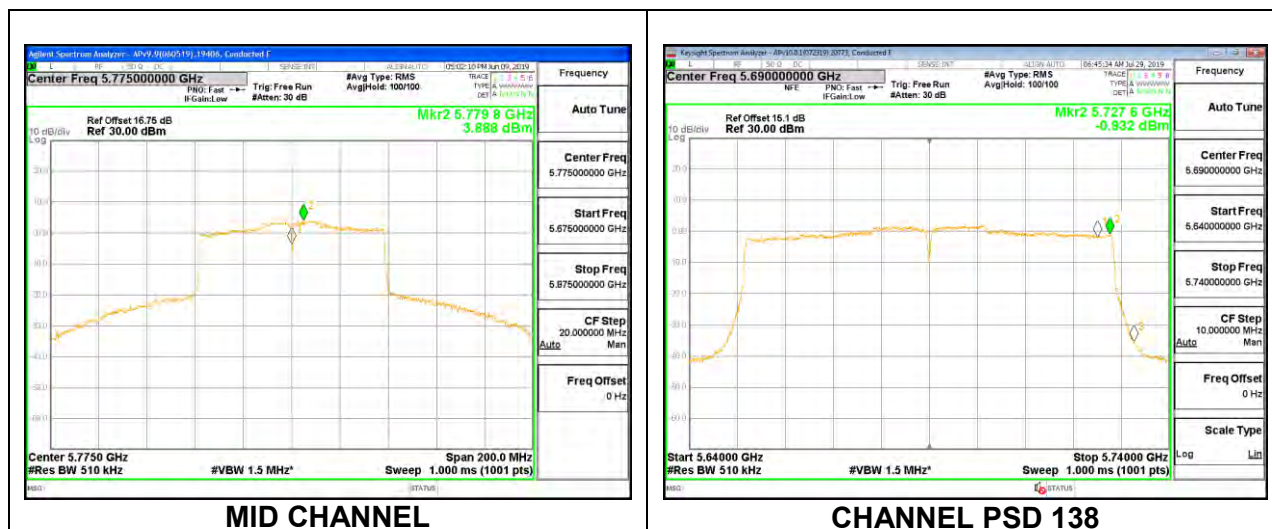
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.26	21.26	30.00	-8.74

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	3.89	4.08	30.00	-25.92
138	5690	-0.93	-0.74	30.00	-30.74



1TX Antenna 5 MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Mid	5775	-9.40	30.00	30.00
138	5690	-9.40	30.00	30.00

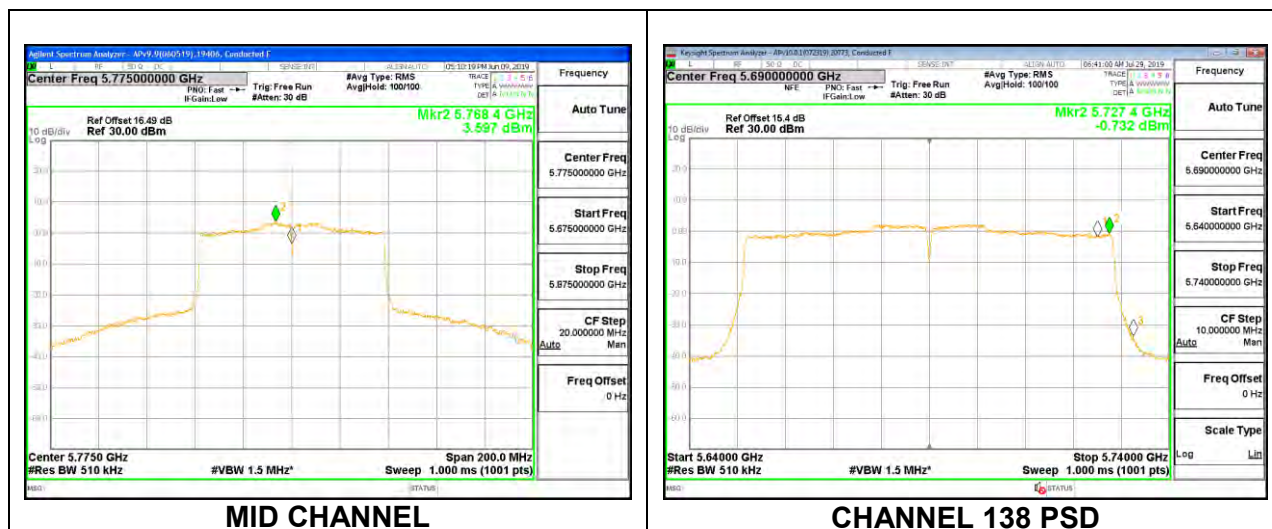
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.40	21.40	30.00	-8.60

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	3.60	3.79	30.00	-26.21
138	5690	-0.73	-0.54	30.00	-30.54



2TX Antenna 6 + Antenna 5 CDD MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Mid	5755	-6.81	-4.04	30.00	30.00
138	5690	-6.81	-4.04	30.00	30.00

Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd Power & PSD
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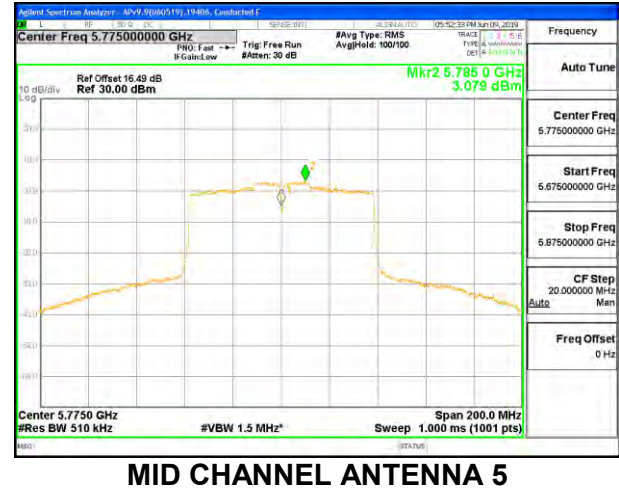
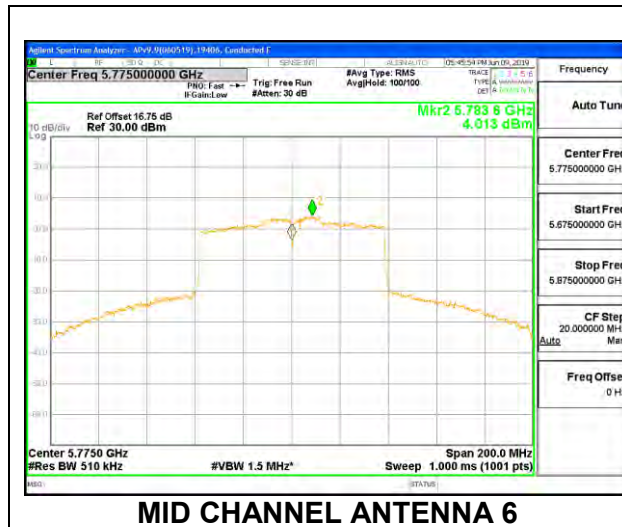
Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	21.29	21.40	24.36	30.00	-5.64

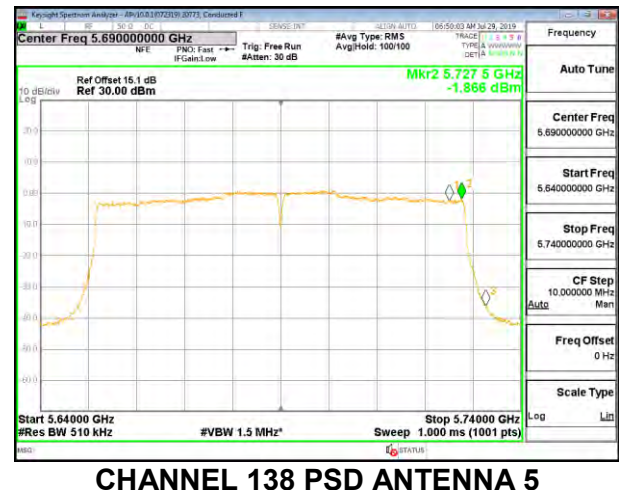
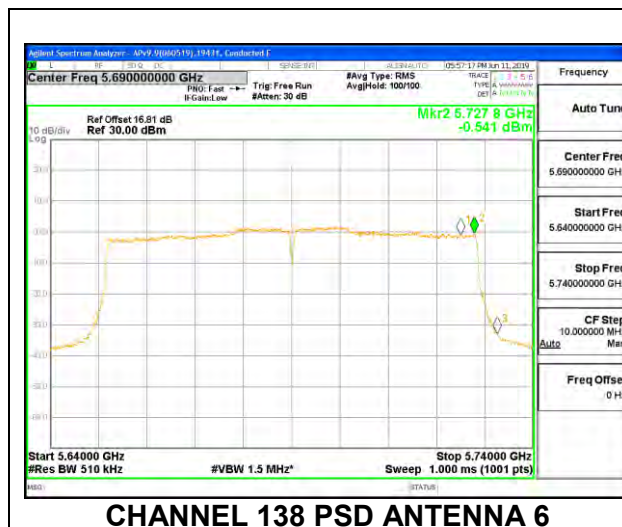
PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 500KHz)	Antenna 5 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	4.01	3.08	6.77	30.00	-23.23
138	5690	-0.54	-1.87	2.05	30.00	-27.95

MID CHANNEL



CHANNEL 138



8.5.22. 802.11ax HE20 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE – 242-Tones, RU Index 61

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Low	5745	-5.20	30.00	30.00
Mid	5785	-5.20	30.00	30.00
High	5825	-5.20	30.00	30.00
144	5720	-5.20	30.00	30.00

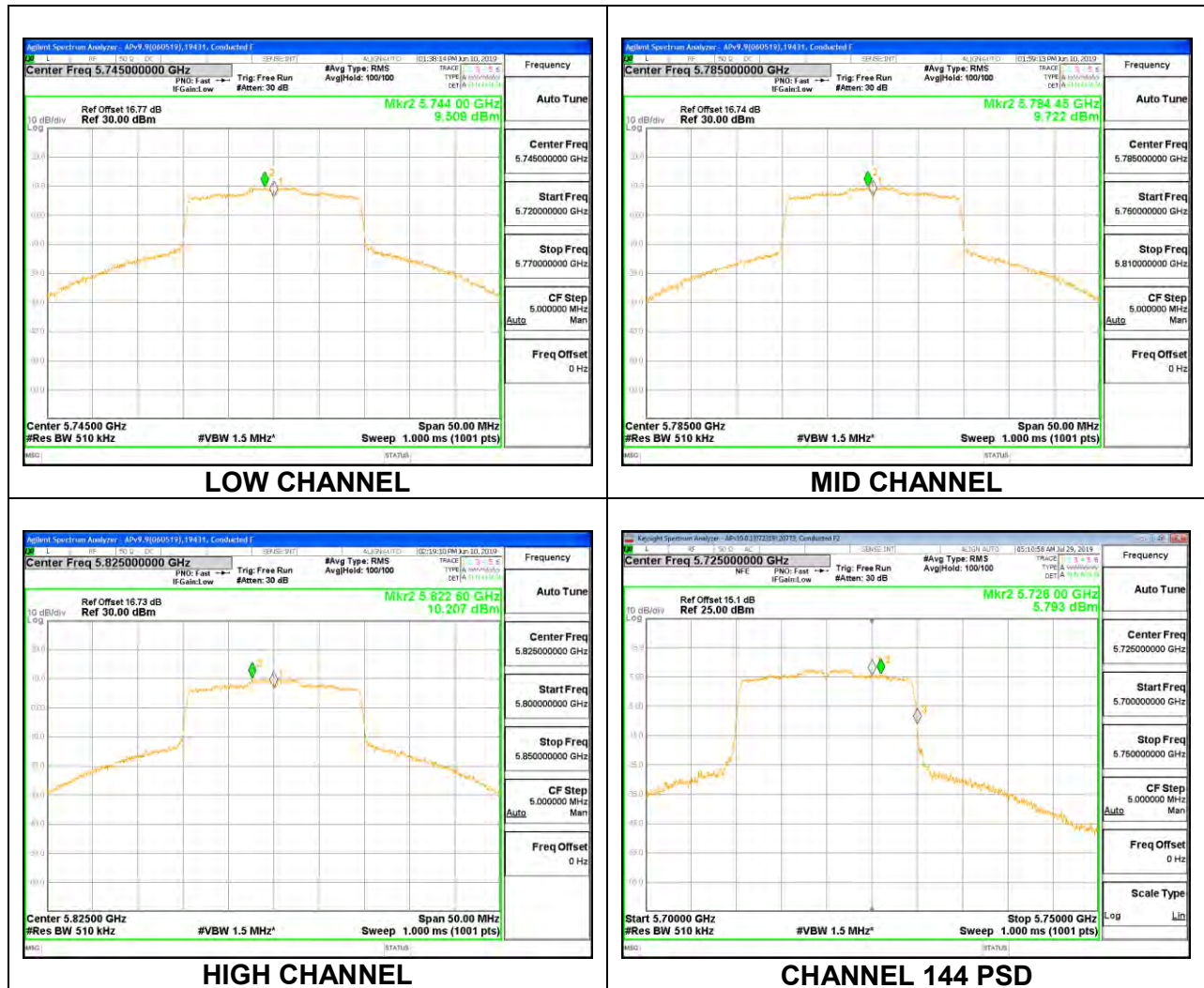
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.30	21.30	30.00	-8.70
Mid	5785	21.39	21.39	30.00	-8.61
High	5825	21.42	21.42	30.00	-8.58

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5745	9.51	9.51	30.00	-20.49
Mid	5785	9.72	9.72	30.00	-20.28
High	5825	10.21	10.21	30.00	-19.79
144	5720	5.79	5.79	30.00	-24.21



1TX Antenna 6 MODE – 26-Tones, RU Index 0

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Low	5745	-5.20	30.00	30.00
Mid	5785	-5.20	30.00	30.00
High	5825	-5.20	30.00	30.00
144	5720	-5.20	30.00	30.00

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

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.29	21.29	30.00	-8.71
Mid	5785	21.30	21.30	30.00	-8.70
High	5825	21.40	21.40	30.00	-8.60

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5745	17.65	17.65	30.00	-12.35
Mid	5785	17.78	17.78	30.00	-12.22
High	5825	17.85	17.85	30.00	-12.15
144	5720	-17.36	-17.36	30.00	-47.36