



2TX Antenna 4 + 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	41.20	37.398	-2.38	0.52
Mid	5550	41.30	37.716	-2.38	0.52
High	5670	41.10	37.739	-2.38	0.52
142	5710	41.10	37.398	-2.38	0.52

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

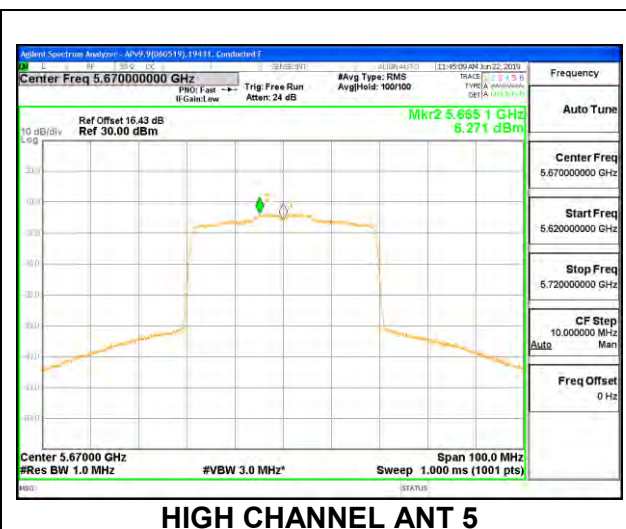
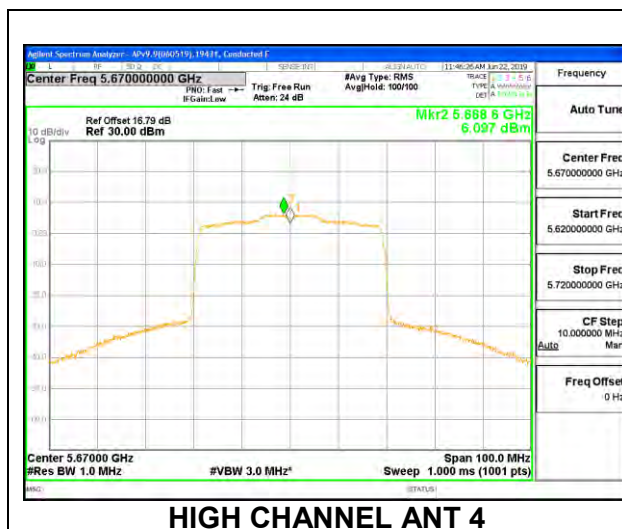
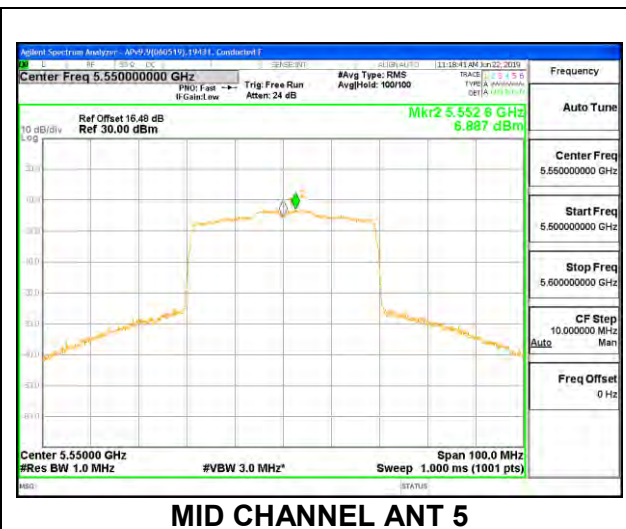
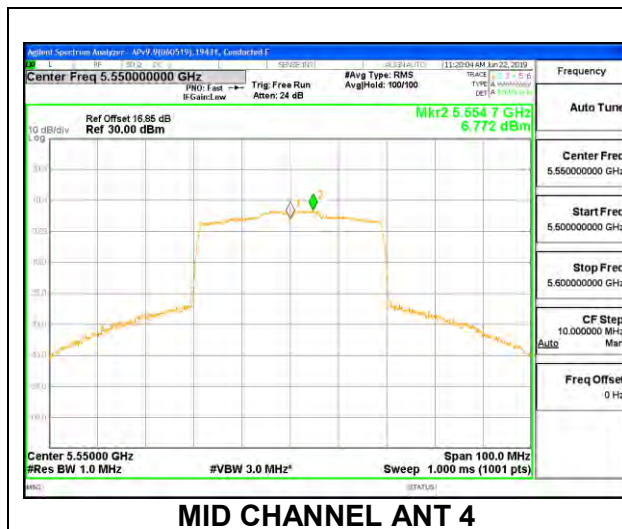
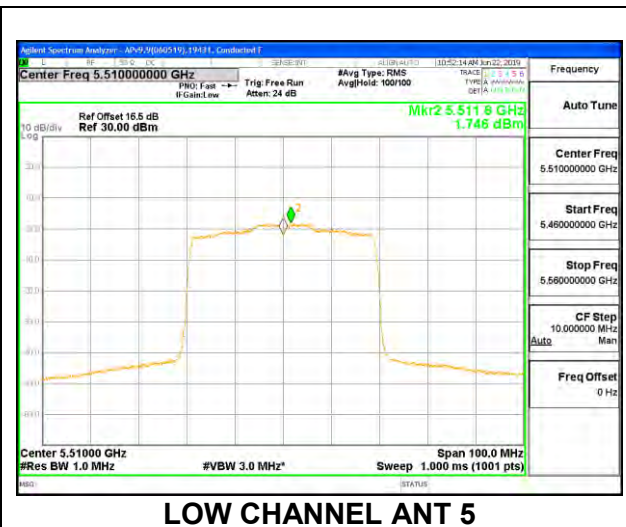
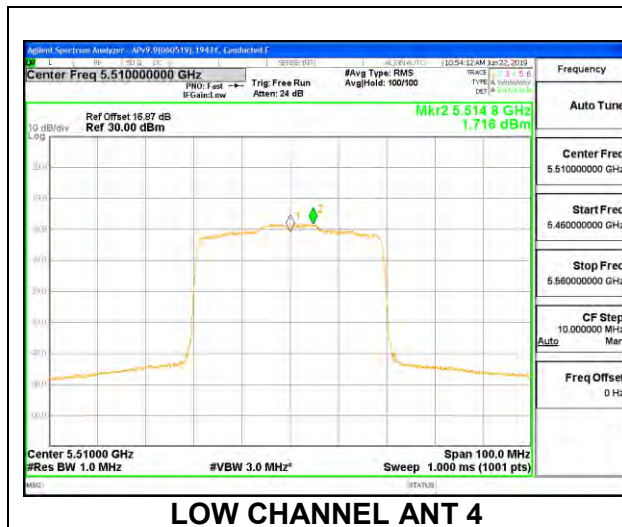
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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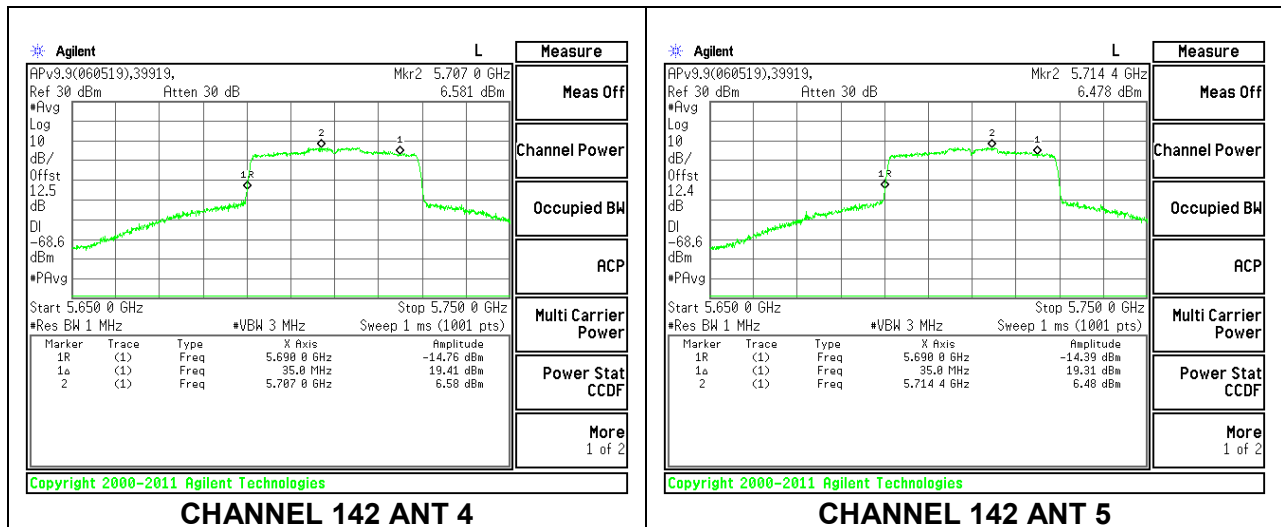
Output Power Results

Channel	Frequency (MHz)	ANT 4 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	14.67	14.70	17.70	24.00	-6.30
Mid	5550	19.72	19.68	22.71	24.00	-1.29
High	5670	18.67	18.73	21.71	24.00	-2.29
142	5710	19.61	19.58	22.61	24.00	-1.39

PSD Results

Channel	Frequency (MHz)	ANT 4 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	1.716	1.746	4.74	11.00	-6.26
Mid	5550	6.772	6.887	9.84	11.00	-1.16
High	5670	6.097	6.271	9.20	11.00	-1.80
142	5710	6.581	6.478	9.54	11.00	-1.46





2TX Antenna 4 + 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	21.00	18.510	-2.38	0.52
Mid	5550	20.80	18.493	-2.38	0.52
High	5670	20.80	18.552	-2.38	0.52
142	5710	20.60	18.521	-2.38	0.52

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	23.67	29.67	23.67	11.00	11.00	11.00
Mid	5550	24.00	23.67	29.67	23.67	11.00	11.00	11.00
High	5670	24.00	23.68	29.68	23.68	11.00	11.00	11.00
142	5710	24.00	23.68	29.68	23.68	11.00	11.00	11.00

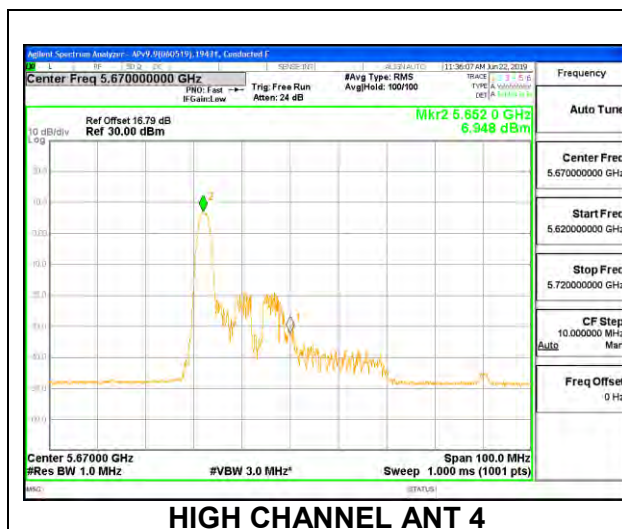
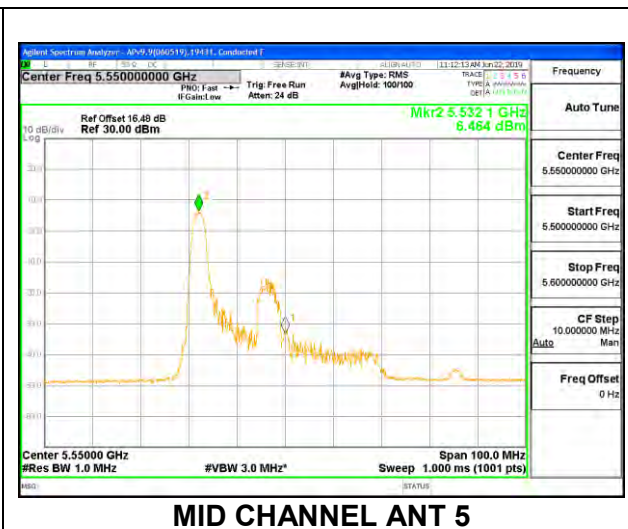
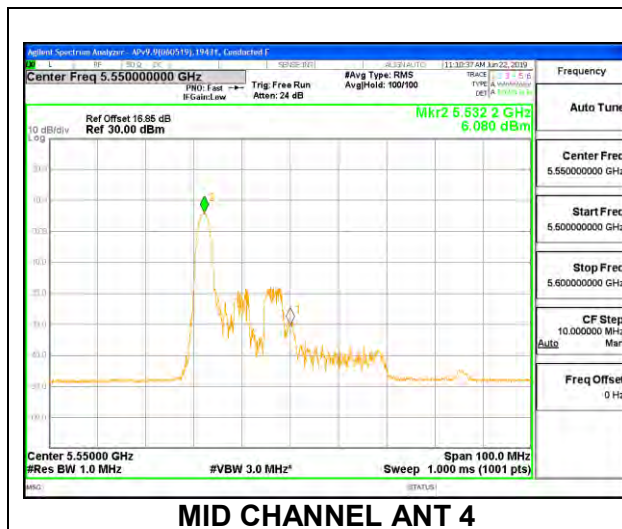
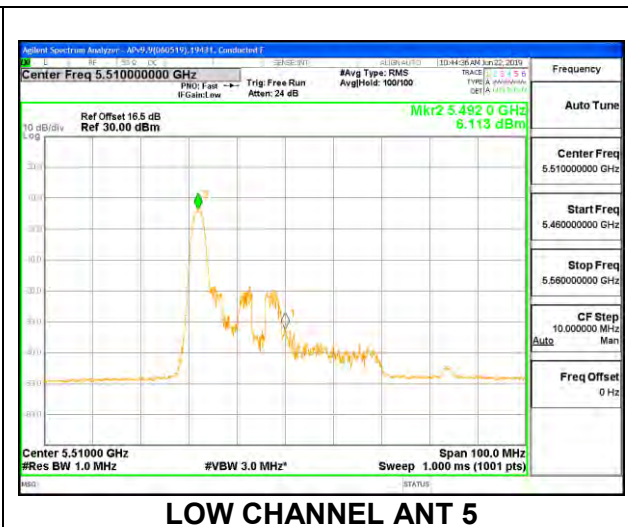
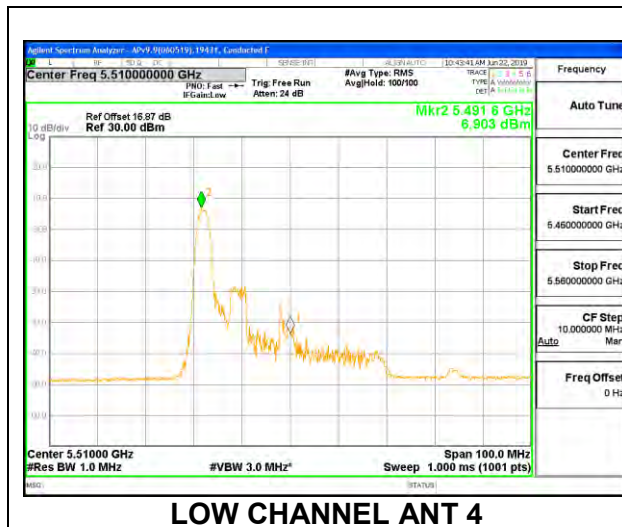
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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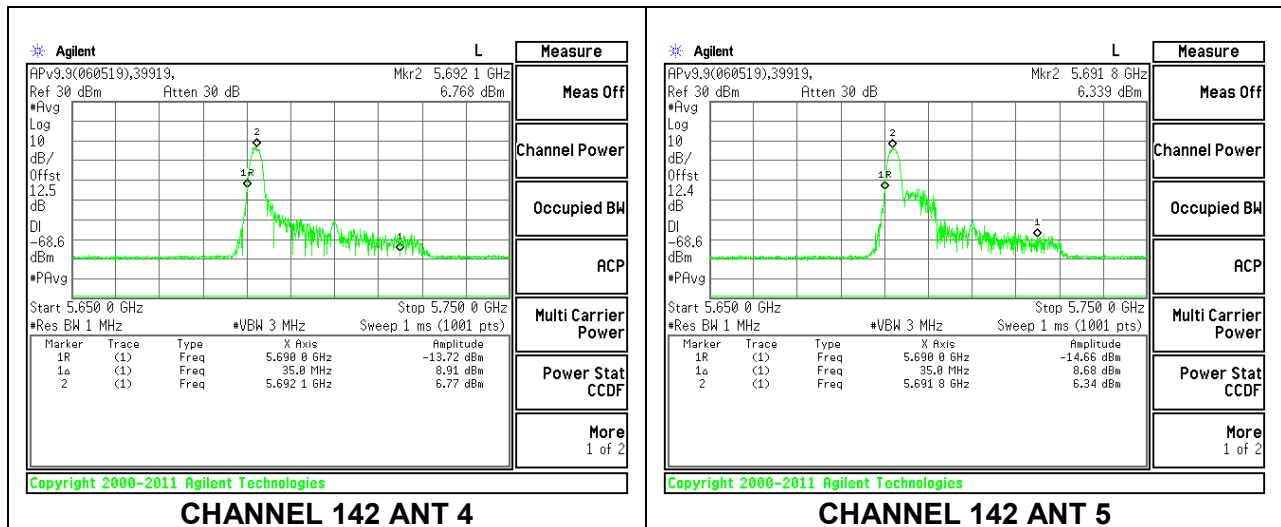
Output Power Results

Channel	Frequency (MHz)	ANT 4 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	8.74	8.65	11.71	23.67	-11.97
Mid	5550	8.72	8.69	11.72	23.67	-11.95
High	5670	8.75	8.70	11.74	23.68	-11.95
142	5710	8.71	8.68	11.71	23.68	-11.97

PSD Results

Channel	Frequency (MHz)	ANT 4 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	6.903	6.113	9.54	11.00	-1.46
Mid	5550	6.080	6.464	9.29	11.00	-1.71
High	5670	6.948	6.654	9.81	11.00	-1.19
142	5710	6.768	6.339	9.57	11.00	-1.43





2TX Antenna 4 + 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	25.30	21.232	-2.38	0.52
Mid	5550	26.50	21.280	-2.38	0.52
High	5670	25.70	20.980	-2.38	0.52
142	5710	24.30	21.024	-2.38	0.52

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

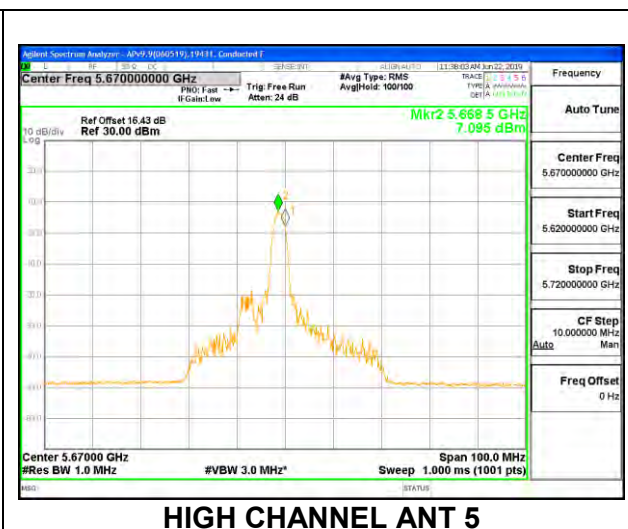
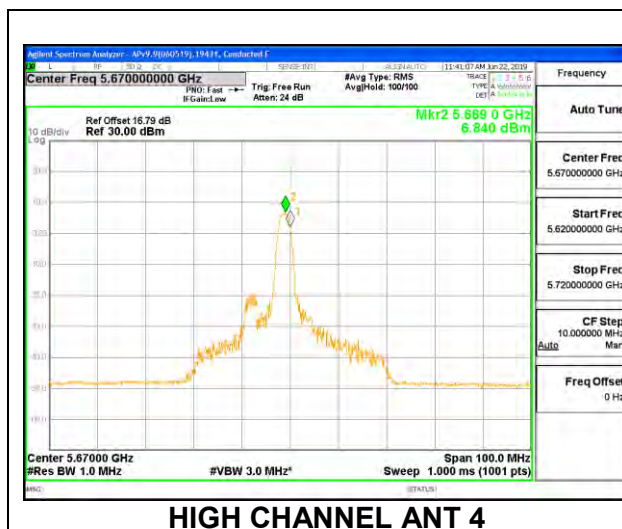
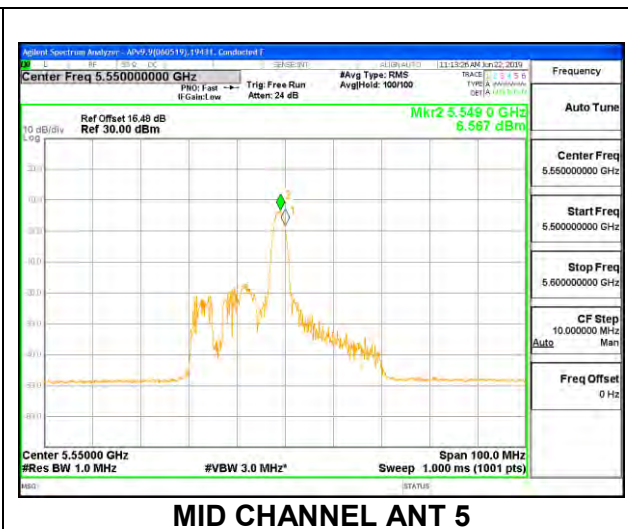
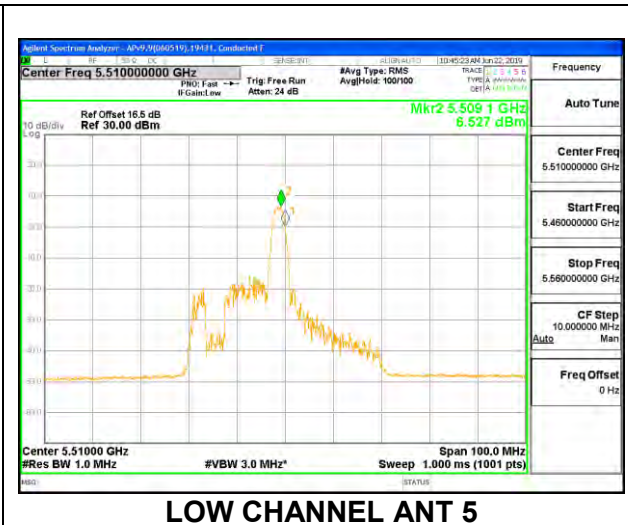
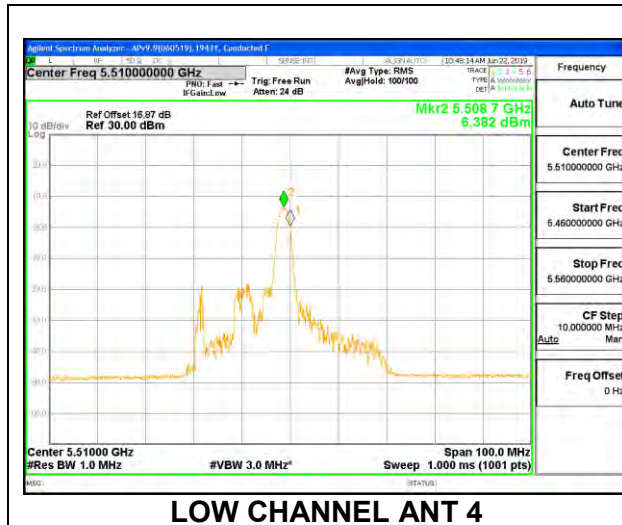
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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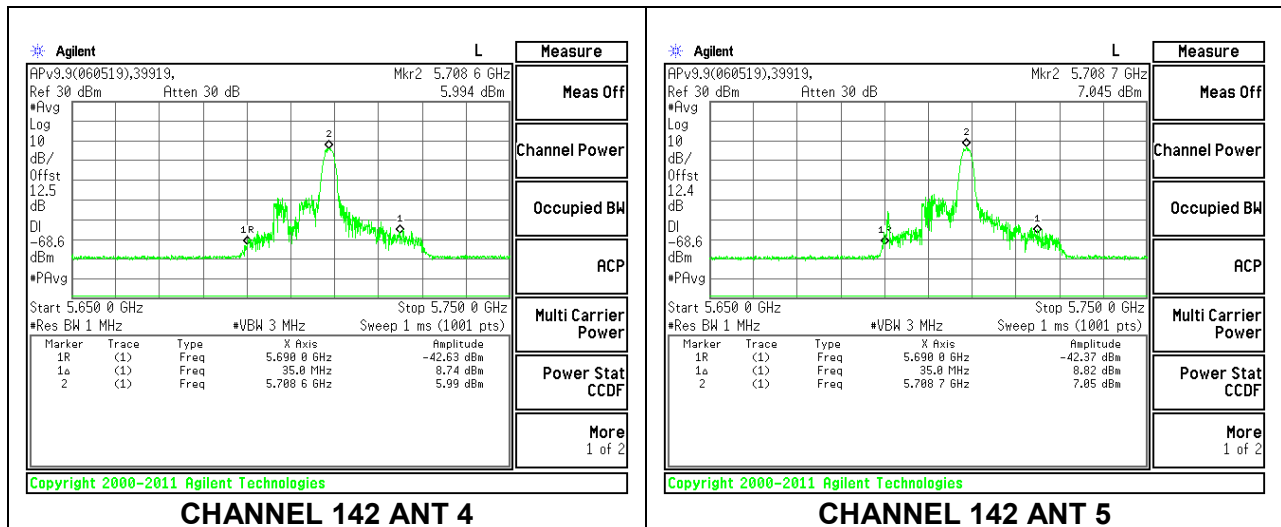
Output Power Results

Channel	Frequency (MHz)	ANT 4 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	8.69	8.71	11.71	24.00	-12.29
Mid	5550	8.66	8.71	11.70	24.00	-12.30
High	5670	8.71	8.75	11.74	24.00	-12.26
142	5710	8.74	8.67	11.72	24.00	-12.28

PSD Results

Channel	Frequency (MHz)	ANT 4 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	6.382	6.527	9.47	11.00	-1.53
Mid	5550	6.523	6.567	9.56	11.00	-1.44
High	5670	6.840	7.095	9.98	11.00	-1.02
142	5710	5.994	7.045	9.56	11.00	-1.44





2TX Antenna 4 + 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	20.30	18.472	-2.38	0.52
Mid	5550	20.60	18.534	-2.38	0.52
High	5670	20.50	18.559	-2.38	0.52
142	5710	20.50	18.537	-2.38	0.52

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	23.67	29.67	23.67	11.00	11.00	11.00
Mid	5550	24.00	23.68	29.68	23.68	11.00	11.00	11.00
High	5670	24.00	23.69	29.69	23.69	11.00	11.00	11.00
142	5710	24.00	23.68	29.68	23.68	11.00	11.00	11.00

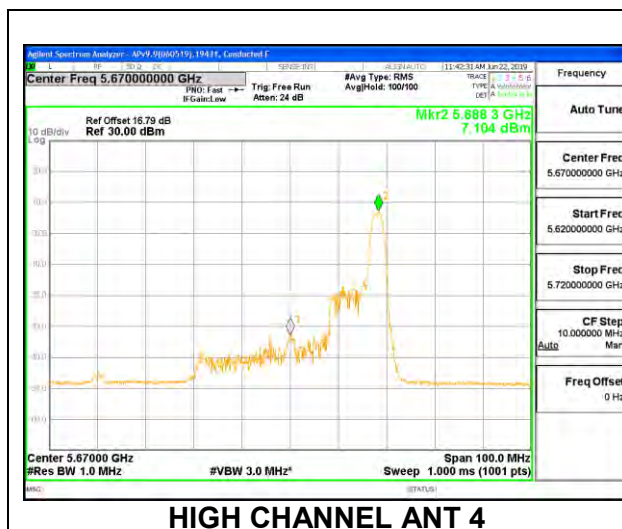
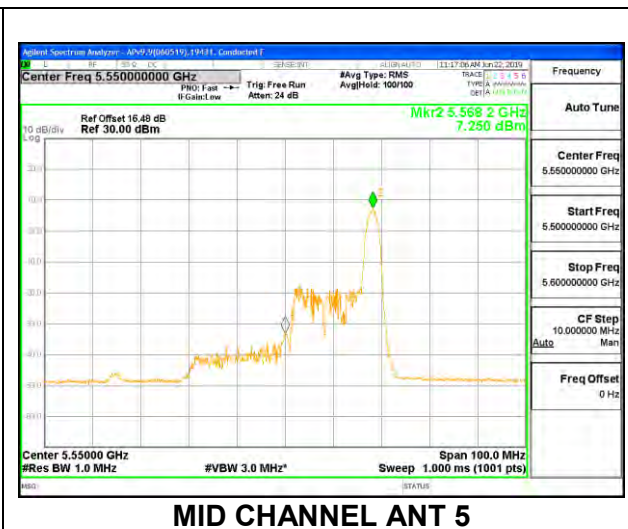
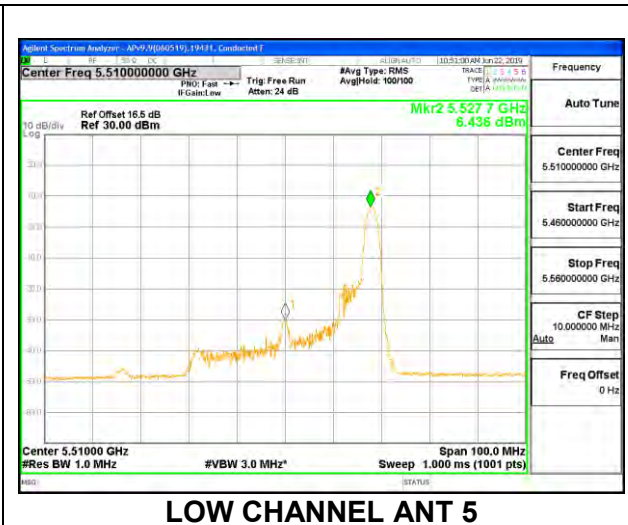
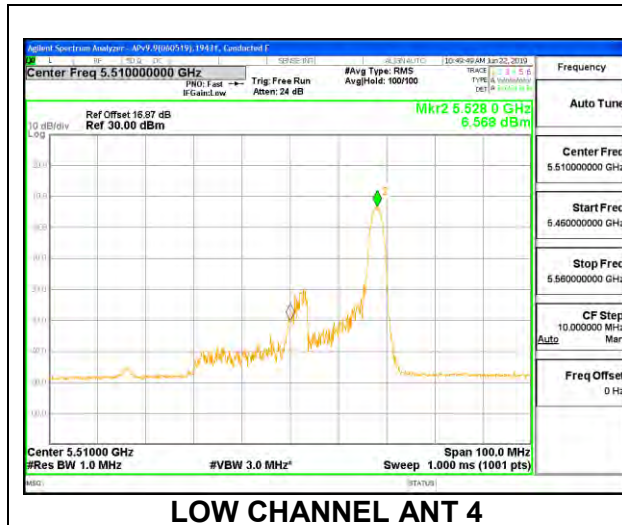
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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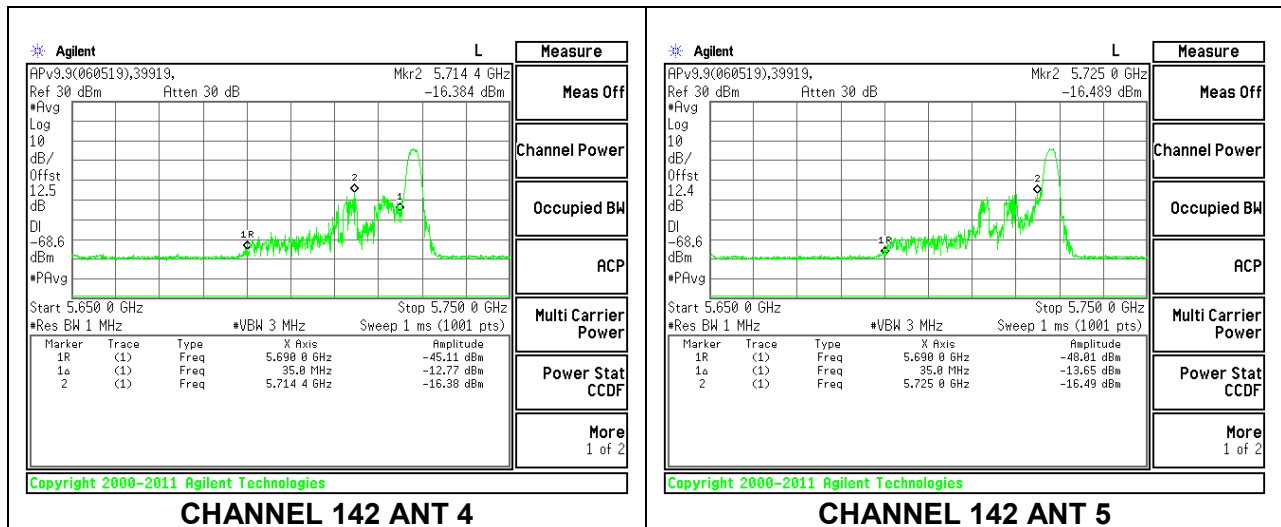
Output Power Results

Channel	Frequency (MHz)	ANT 4 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	8.65	8.71	11.69	23.67	-11.97
Mid	5550	8.67	8.70	11.70	23.68	-11.98
High	5670	8.70	8.66	11.69	23.69	-12.00
142	5710	8.55	8.56	11.57	23.68	-12.12

PSD Results

Channel	Frequency (MHz)	ANT 4 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	6.568	6.436	9.51	11.00	-1.49
Mid	5550	6.540	7.250	9.92	11.00	-1.08
High	5670	7.104	6.769	9.95	11.00	-1.05
142	5710	-16.384	-16.489	-13.43	11.00	-24.43





8.5.18. 802.11ax HE80 MODE IN THE 5.6 GHz BAND
1TX Antenna 4 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	83.00	76.821	-4.0
High	5610	83.20	76.610	-4.0
138	5690	83.40	77.096	-4.0

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

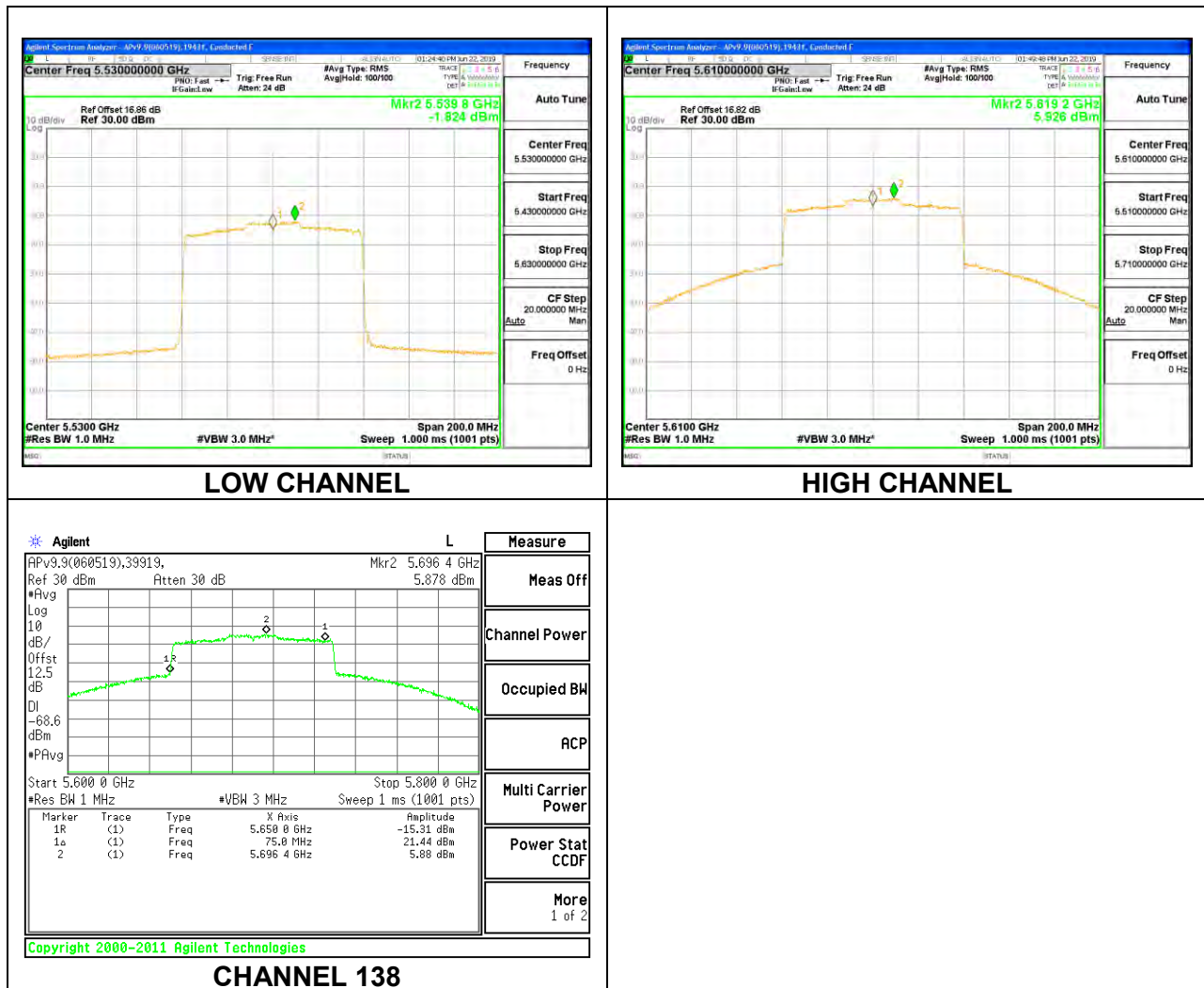
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.18	14.18	24.00	-9.82
High	5610	21.21	21.21	24.00	-2.79
138	5690	21.44	21.44	24.00	-2.56

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	-1.824	-1.824	11.00	-12.82
High	5610	5.926	5.926	11.00	-5.07
138	5690	5.878	5.878	11.00	-5.12



1TX Antenna 4 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	34.40	18.523	-4.0
High	5610	20.40	18.696	-4.0
138	5690	20.20	18.685	-4.0

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	23.68	29.68	23.68	11.00	11.00	11.00
High	5610	24.00	23.72	29.72	23.72	11.00	11.00	11.00
138	5690	24.00	23.71	29.71	23.71	11.00	11.00	11.00

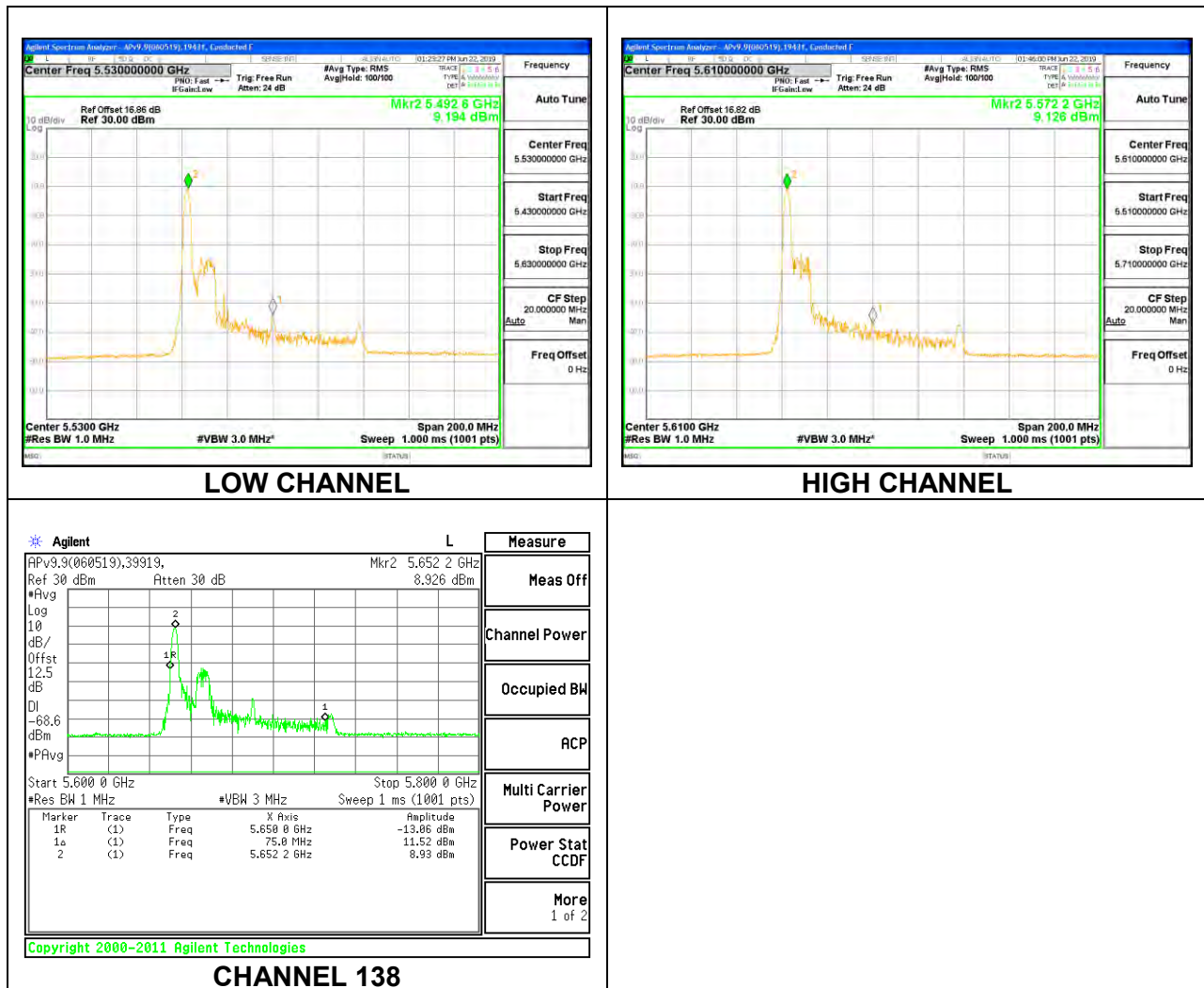
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.71	11.71	23.68	-11.97
High	5610	11.67	11.67	23.72	-12.05
138	5690	11.53	11.53	23.71	-12.18

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	9.194	9.194	11.00	-1.81
High	5610	9.126	9.126	11.00	-1.87
138	5690	8.926	8.926	11.00	-2.07



1TX Antenna 4 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	46.20	37.323	-4.0
High	5610	46.80	36.393	-4.0
138	5690	46.40	36.848	-4.0

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

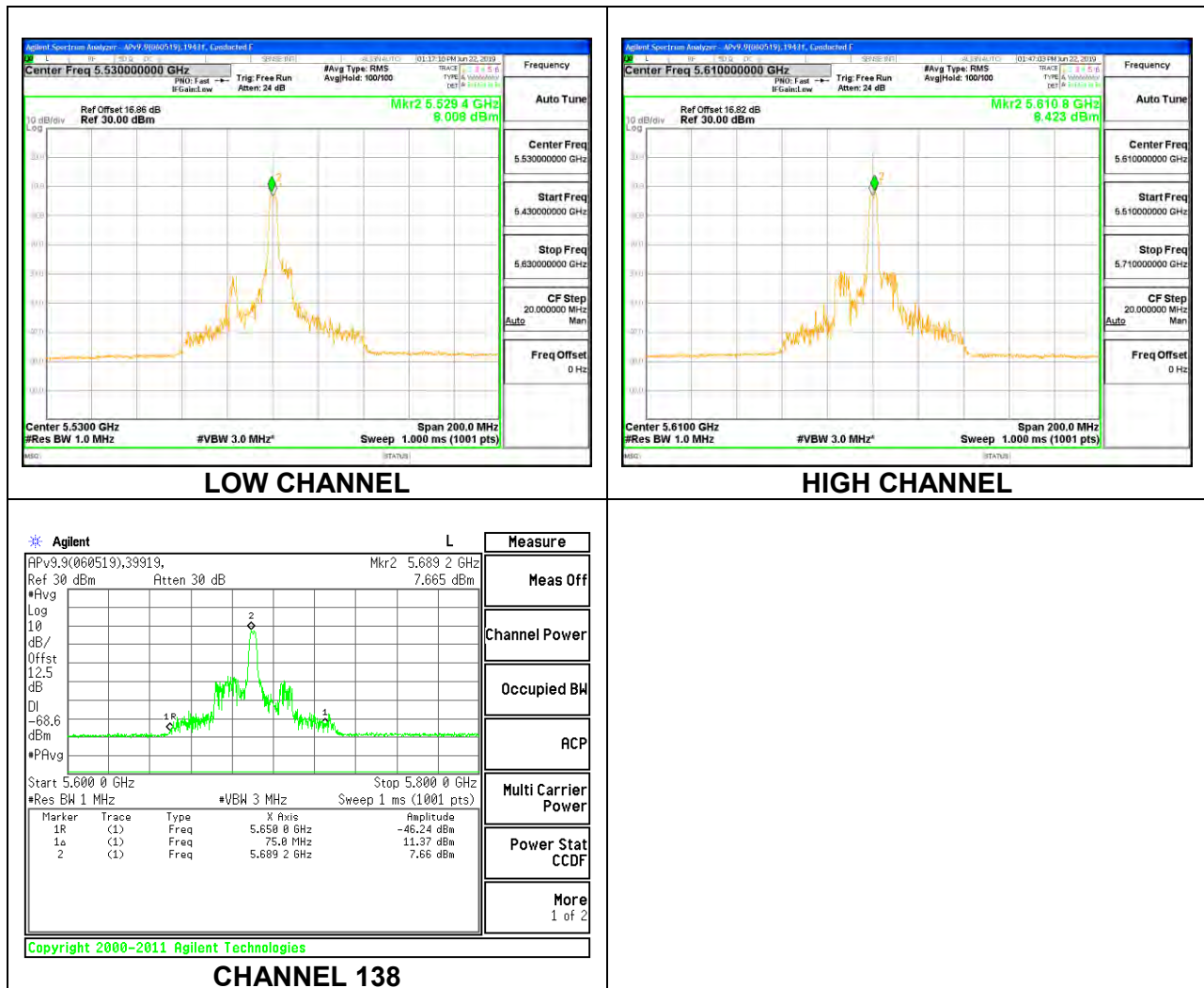
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.68	11.68	24.00	-12.32
High	5610	11.62	11.62	24.00	-12.38
138	5690	11.57	11.57	24.00	-12.43

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	8.008	8.008	11.00	-2.99
High	5610	8.423	8.423	11.00	-2.58
138	5690	7.665	7.665	11.00	-3.34



1TX Antenna 4 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	23.60	19.252	-4.0
High	5610	22.20	19.276	-4.0
138	5690	23.00	18.853	-4.0

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	23.84	29.84	23.84	11.00	11.00	11.00
High	5610	24.00	23.85	29.85	23.85	11.00	11.00	11.00
138	5690	24.00	23.75	29.75	23.75	11.00	11.00	11.00

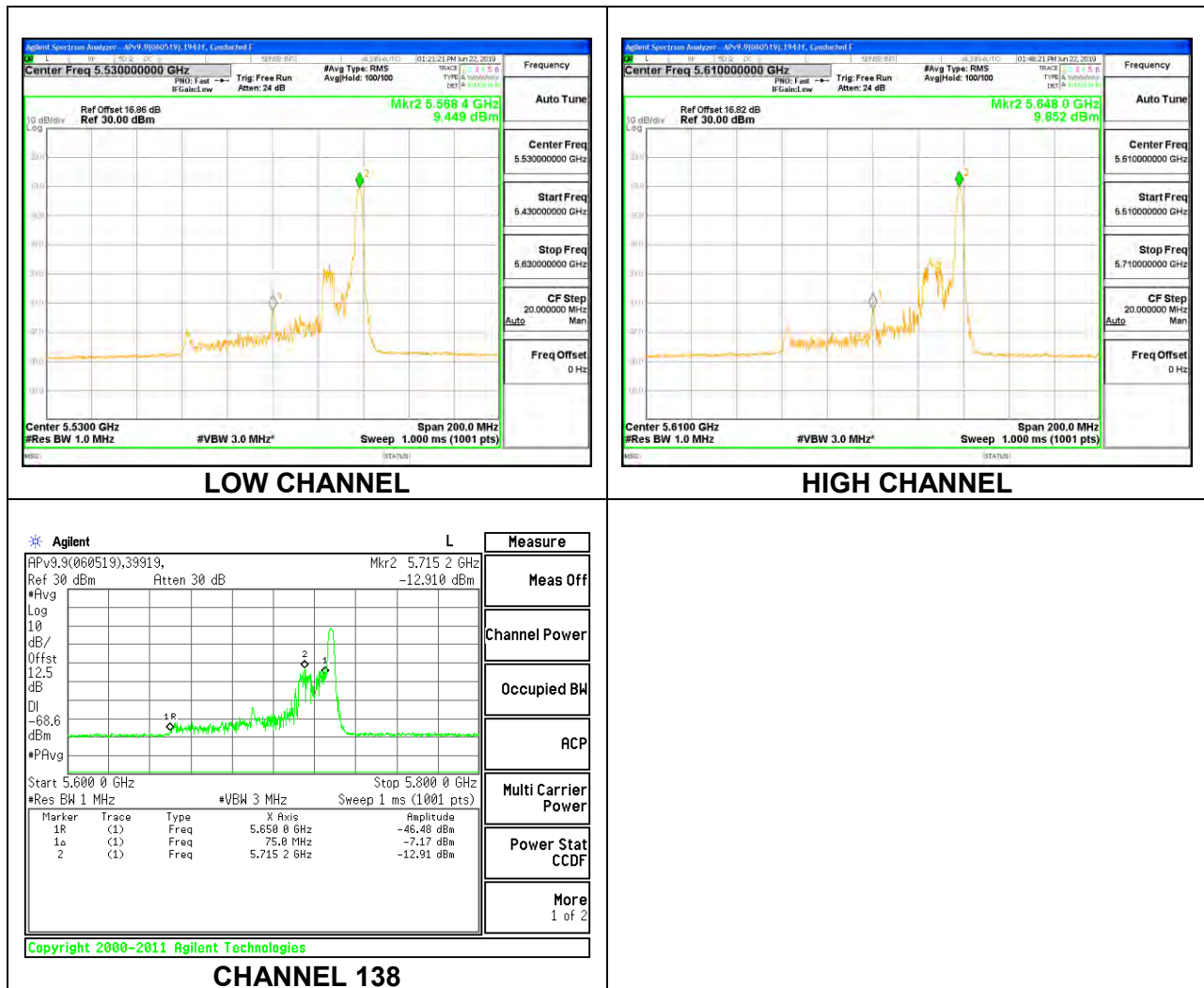
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.70	11.70	23.84	-12.14
High	5610	11.74	11.74	23.85	-12.11
138	5690	11.53	11.53	23.75	-12.22

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	9.449	9.449	11.00	-1.55
High	5610	9.852	9.852	11.00	-1.15
138	5690	-12.910	-12.910	11.00	-23.91



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	82.80	76.832	-1.2
High	5610	87.80	76.845	-1.2
138	5690	83.20	76.748	-1.2

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

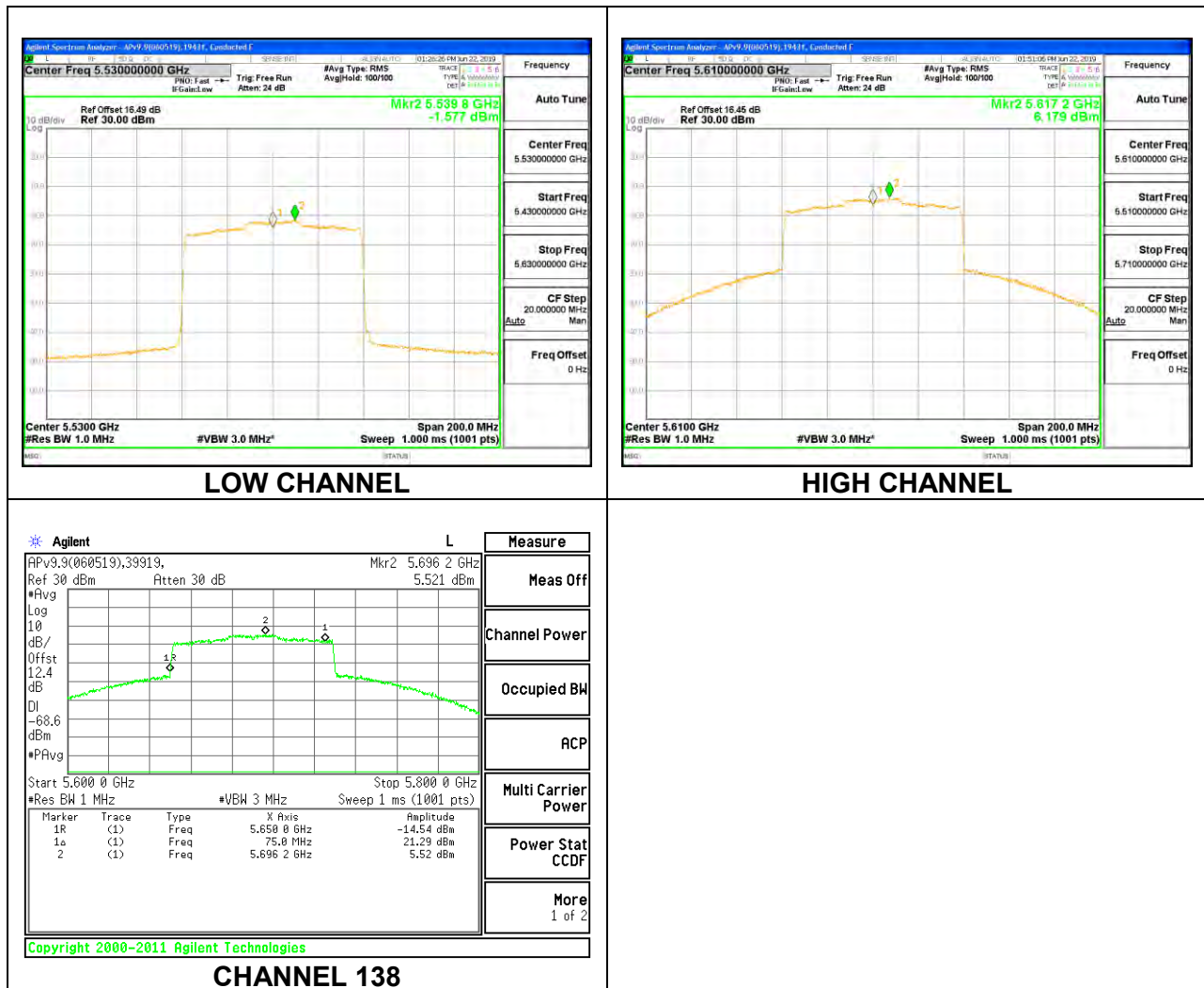
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.21	14.21	24.00	-9.79
High	5610	21.23	21.23	24.00	-2.77
138	5690	21.29	21.29	24.00	-2.71

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	-1.577	-1.577	11.00	-12.58
High	5610	6.179	6.179	11.00	-4.82
138	5690	5.521	5.521	11.00	-5.48



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	20.40	18.302	-1.2
High	5610	20.60	18.507	-1.2
138	5690	21.00	18.598	-1.2

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	23.62	29.62	23.62	11.00	11.00	11.00
High	5610	24.00	23.67	29.67	23.67	11.00	11.00	11.00
138	5690	24.00	23.69	29.69	23.69	11.00	11.00	11.00

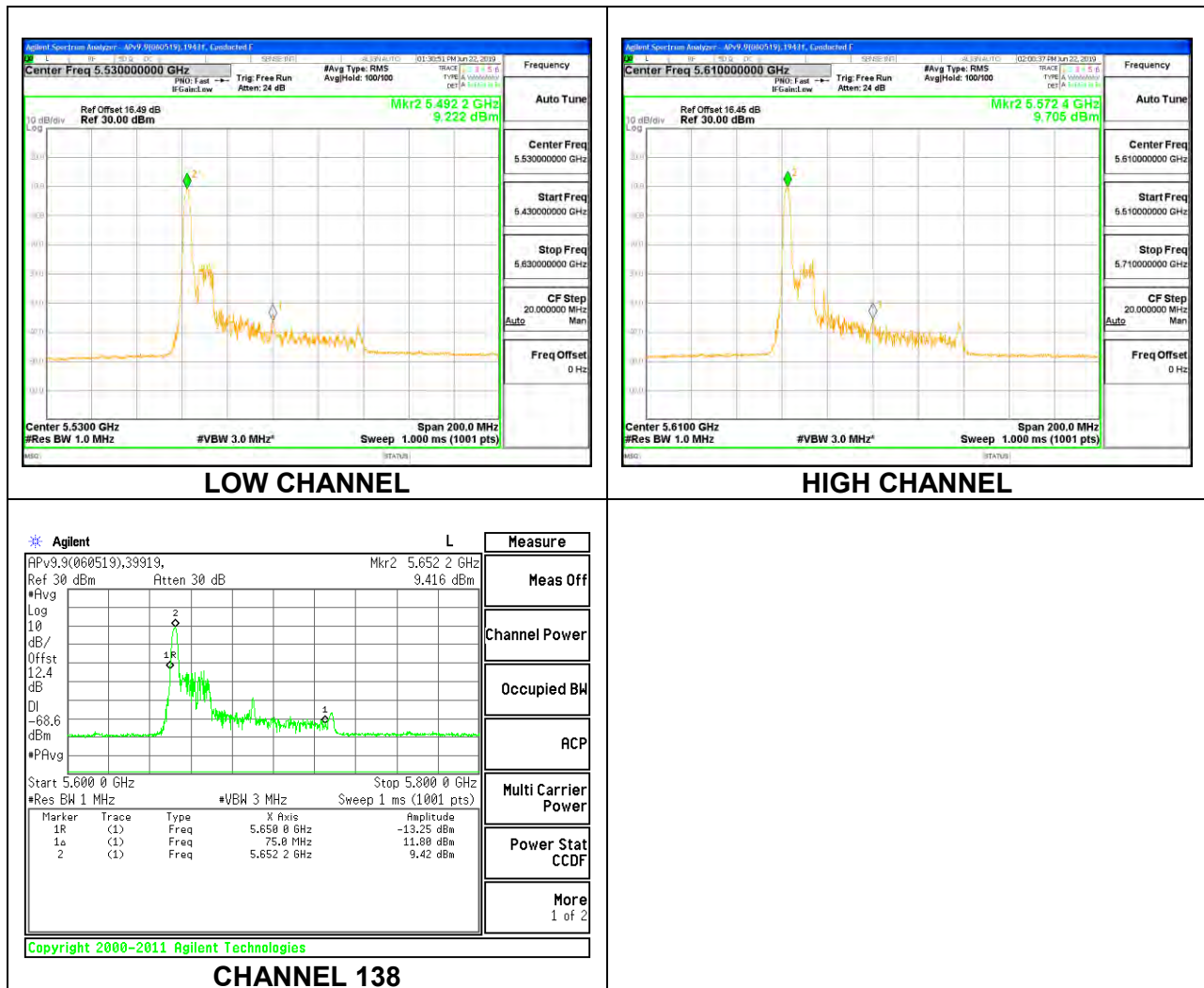
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.65	11.65	23.62	-11.97
High	5610	11.71	11.71	23.67	-11.96
138	5690	11.68	11.68	23.69	-12.01

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	9.222	9.222	11.00	-1.78
High	5610	9.705	9.705	11.00	-1.30
138	5690	9.416	9.416	11.00	-1.58



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	46.20	36.886	-1.2
High	5610	45.80	37.417	-1.2
138	5690	48.00	37.219	-1.2

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

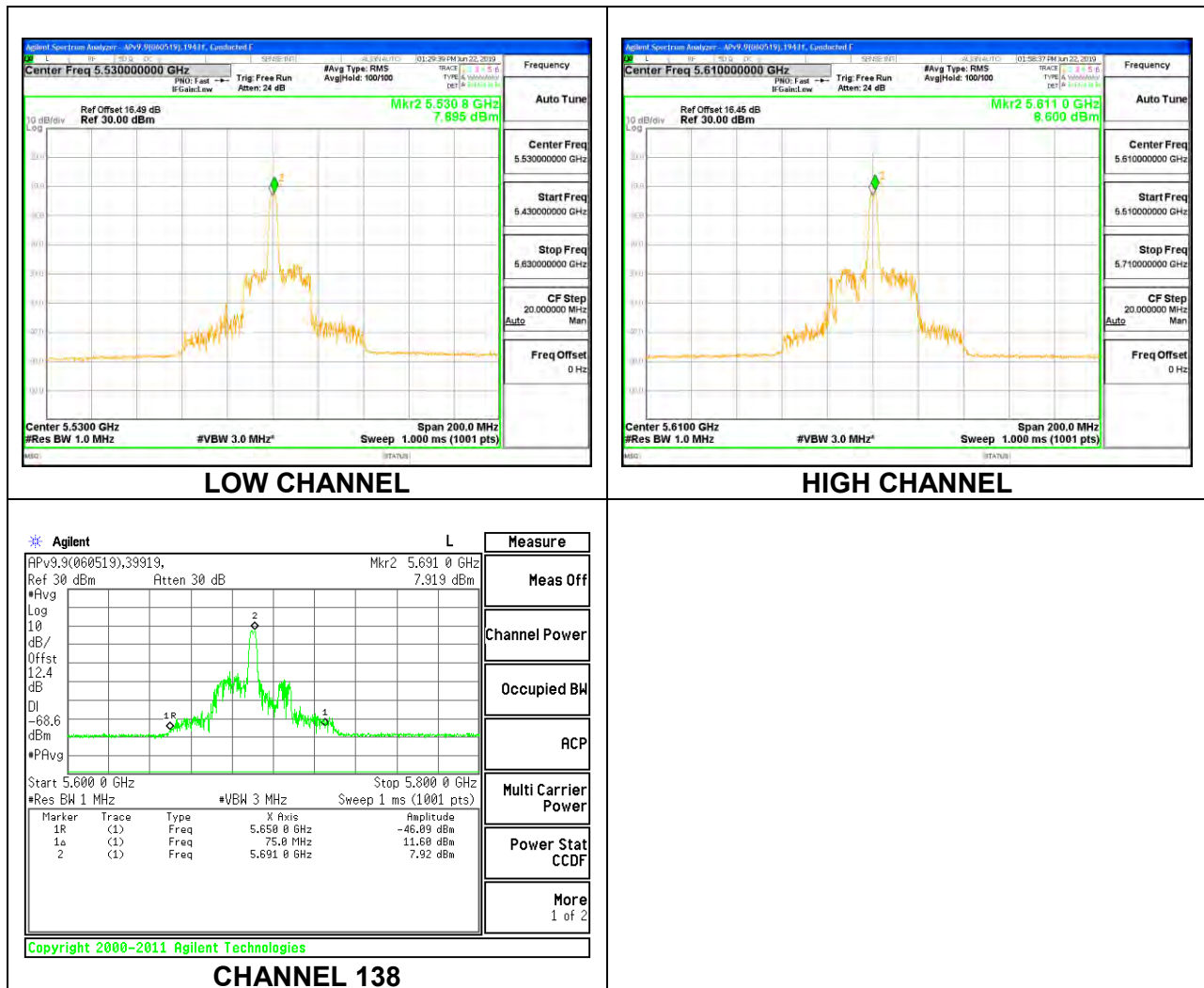
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.59	11.59	24.00	-12.41
High	5610	11.67	11.67	24.00	-12.33
138	5690	11.60	11.60	24.00	-12.40

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	7.895	7.895	11.00	-3.11
High	5610	8.600	8.600	11.00	-2.40
138	5690	7.919	7.919	11.00	-3.08



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	24.20	19.190	-1.2
High	5610	24.00	19.299	-1.2
138	5690	23.00	18.197	-1.2

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	23.83	29.83	23.83	11.00	11.00	11.00
High	5610	24.00	23.86	29.86	23.86	11.00	11.00	11.00
138	5690	24.00	23.60	29.60	23.60	11.00	11.00	11.00

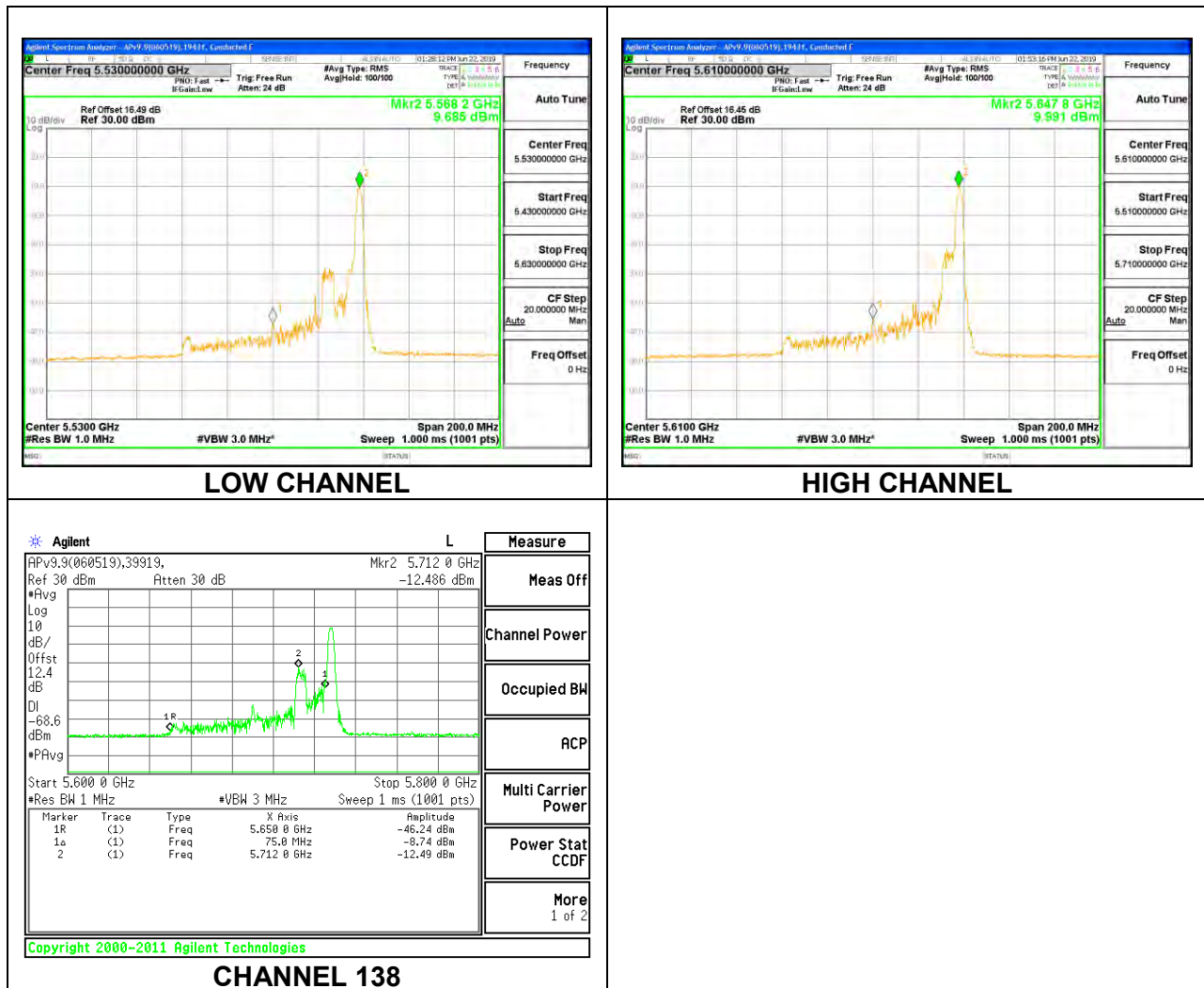
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.70	11.70	23.83	-12.13
High	5610	11.74	11.74	23.86	-12.12
138	5690	11.61	11.61	23.60	-11.99

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	9.685	9.685	11.00	-1.32
High	5610	9.991	9.991	11.00	-1.01
138	5690	-12.486	-12.486	11.00	-23.49



2TX Antenna 4 + 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	86.60	76.885	-2.38	0.52
High	5610	82.60	76.620	-2.38	0.52
138	5690	82.60	77.058	-2.38	0.52

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

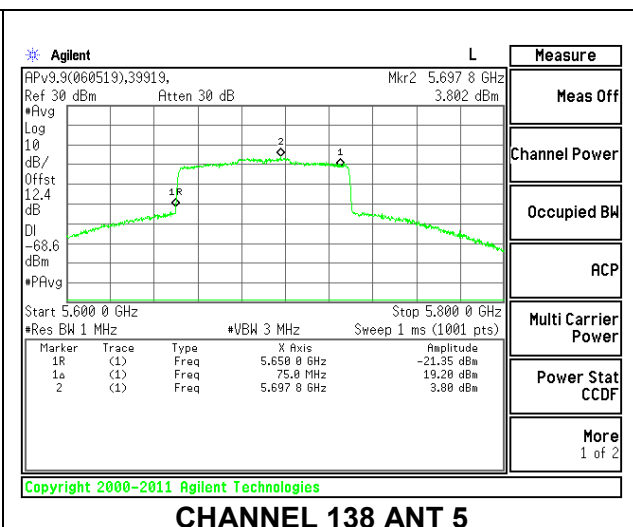
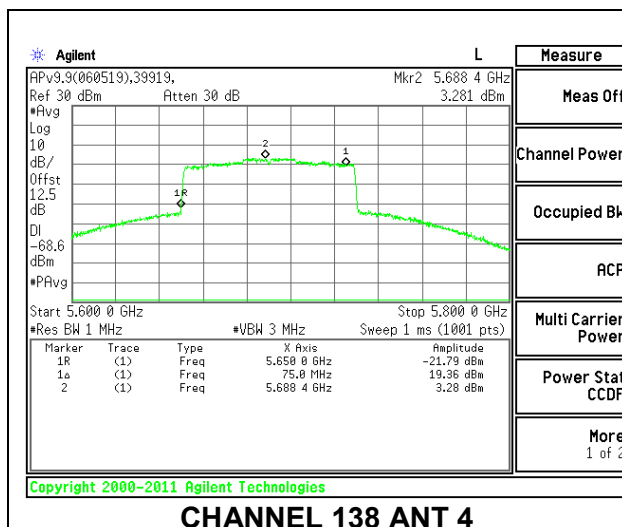
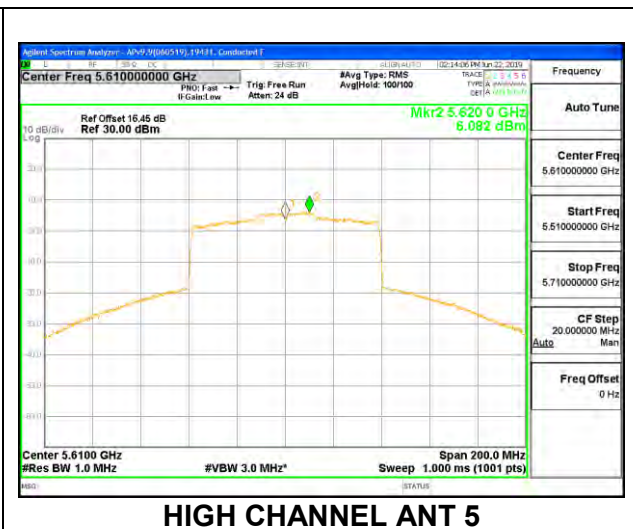
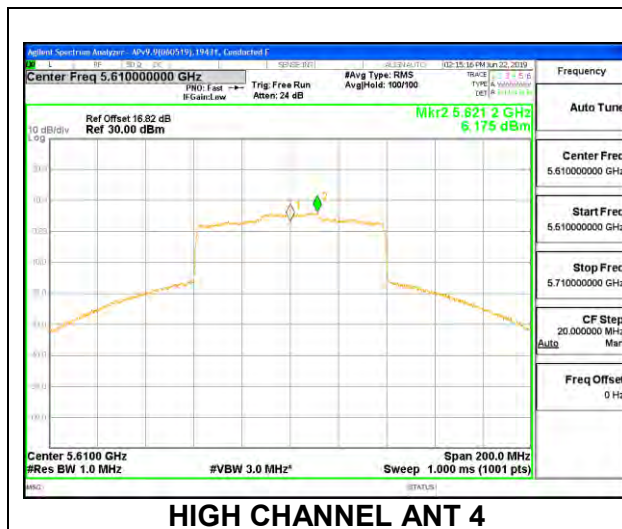
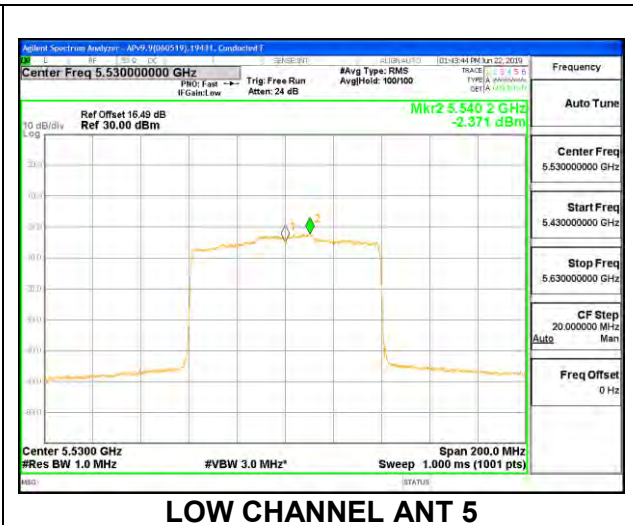
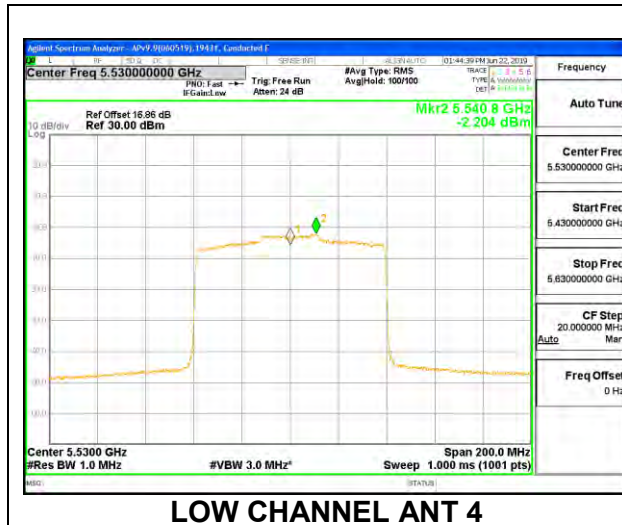
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	ANT 4 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	13.68	13.65	16.68	24.00	-7.32
High	5610	19.71	19.69	22.71	24.00	-1.29
138	5690	19.66	19.63	22.66	24.00	-1.34

PSD Results

Channel	Frequency (MHz)	ANT 4 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	-2.204	-2.371	0.724	11.00	-10.28
High	5610	6.175	6.082	9.139	11.00	-1.86
138	5690	3.281	3.802	6.560	11.00	-4.44



2TX Antenna 4 + 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	26.60	18.530	-2.38	0.52
High	5610	19.00	18.546	-2.38	0.52
138	5690	20.40	18.569	-2.38	0.52

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	23.68	29.68	23.68	11.00	11.00	11.00
High	5610	23.79	23.68	29.68	23.68	11.00	11.00	11.00
138	5690	24.00	23.69	29.69	23.69	11.00	11.00	11.00

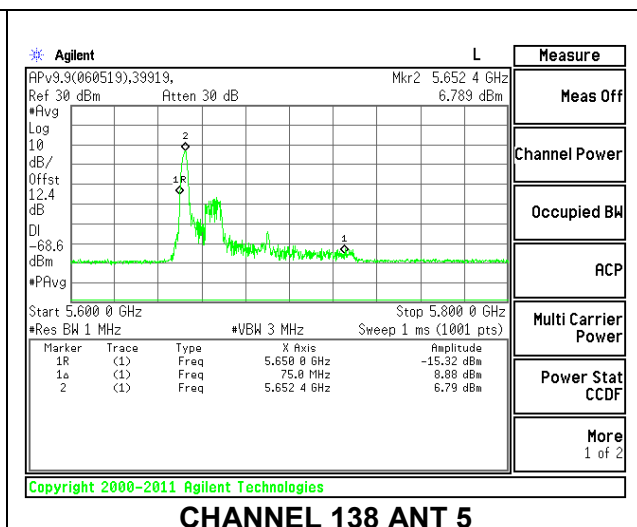
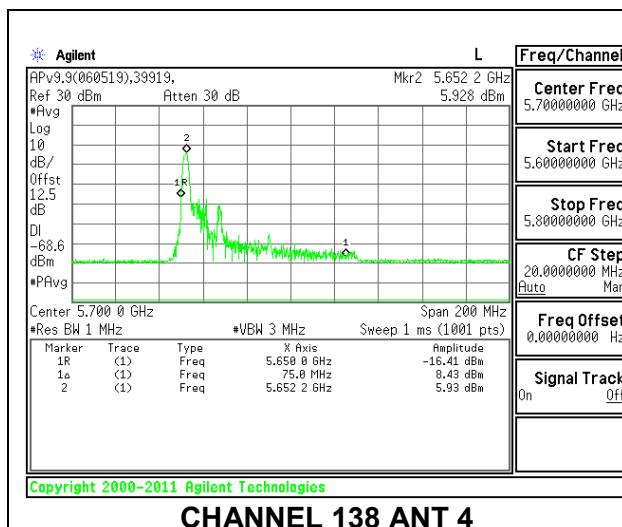
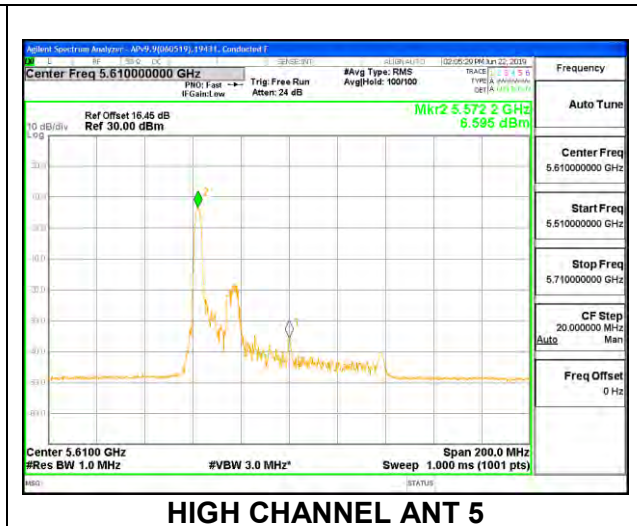
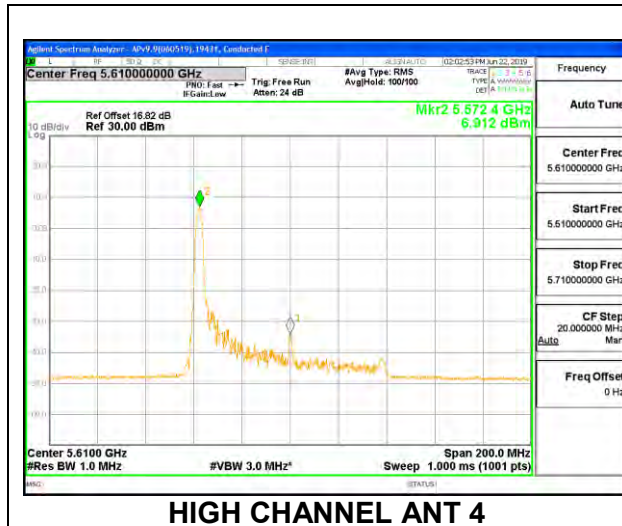
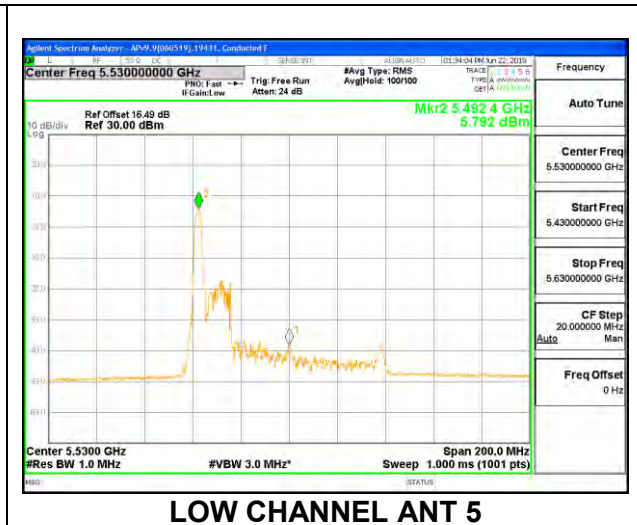
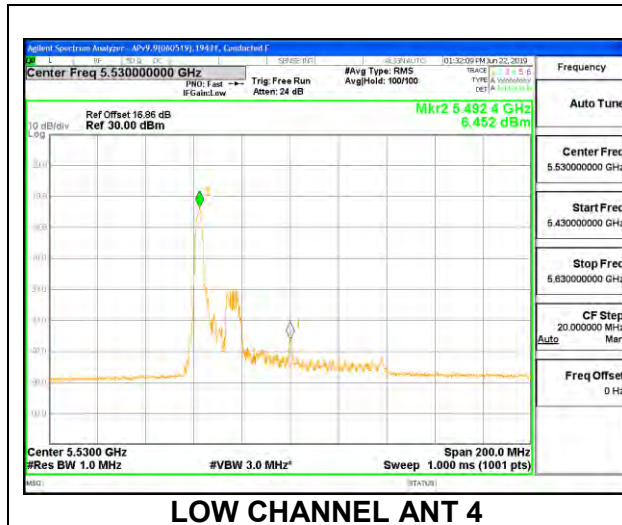
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	ANT 4 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	8.67	8.69	11.69	23.68	-11.99
High	5610	8.72	8.69	11.72	23.68	-11.97
138	5690	8.63	8.68	11.67	23.69	-12.02

PSD Results

Channel	Frequency (MHz)	ANT 4 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	6.452	5.792	9.145	11.00	-1.86
High	5610	6.912	6.595	9.767	11.00	-1.23
138	5690	5.928	6.789	9.390	11.00	-1.61



2TX Antenna 4 + 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	43.60	36.511	-2.38	0.52
High	5610	43.00	36.344	-2.38	0.52
138	5690	43.00	36.726	-2.38	0.52

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

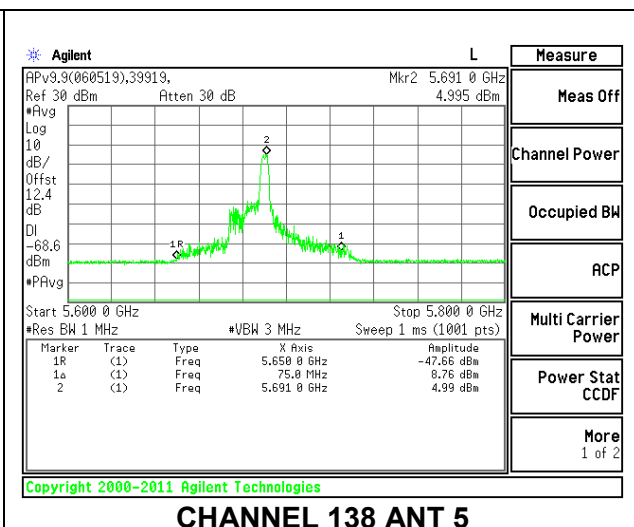
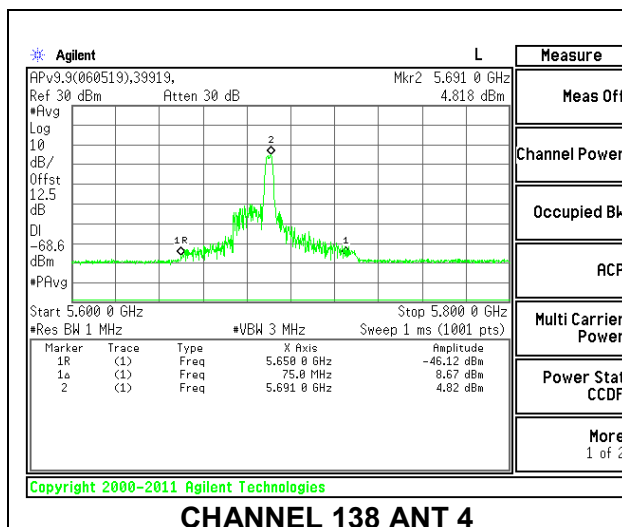
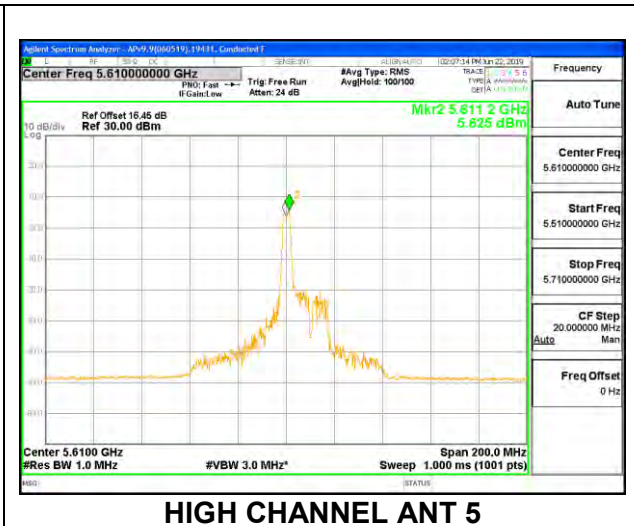
Included in Calculations of Corr'd Power & PSD

Output Power Results

Channel	Frequency (MHz)	ANT 4 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	8.72	8.73	11.74	24.00	-12.26
High	5610	8.70	8.68	11.70	24.00	-12.30
138	5690	8.67	8.56	11.63	24.00	-12.37

PSD Results

Channel	Frequency (MHz)	ANT 4 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	4.767	5.167	7.982	11.00	-3.02
High	5610	5.964	5.625	8.808	11.00	-2.19
138	5690	4.818	4.995	7.918	11.00	-3.08



2TX Antenna 4 + 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	20.80	19.048	-2.38	0.52
High	5610	20.20	19.071	-2.38	0.52
138	5690	21.20	19.079	-2.38	0.52

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	23.80	29.80	23.80	11.00	11.00	11.00
High	5610	24.00	23.80	29.80	23.80	11.00	11.00	11.00
138	5690	24.00	23.81	29.81	23.81	11.00	11.00	11.00

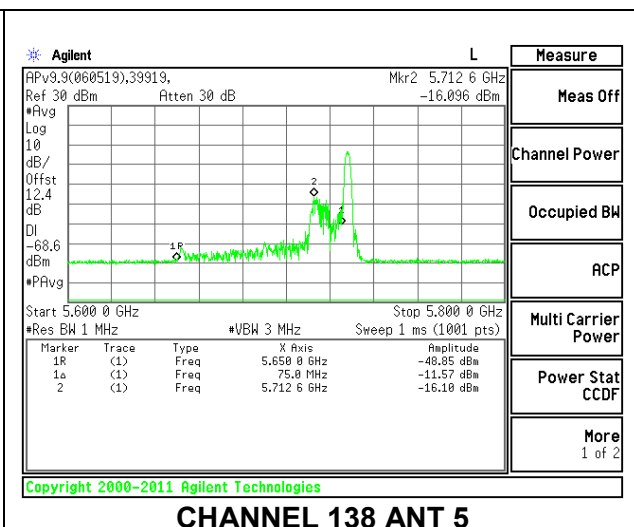
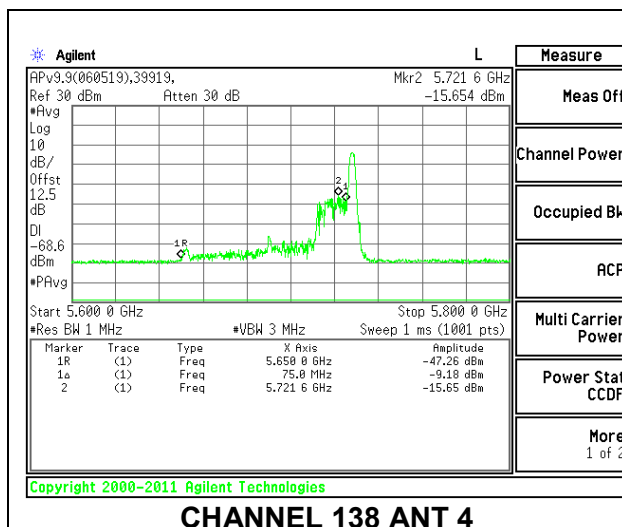
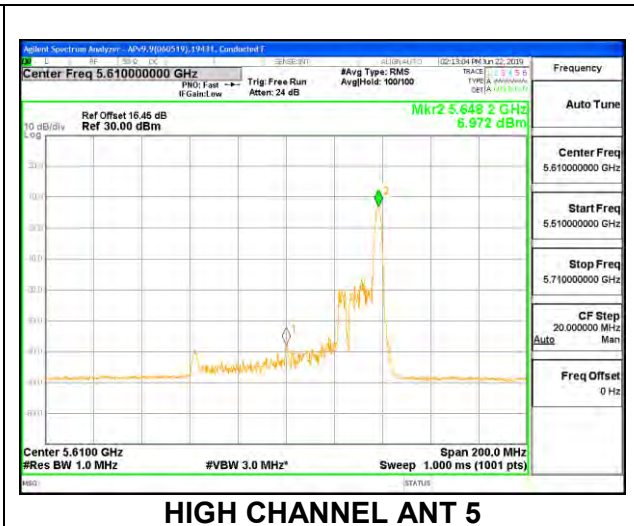
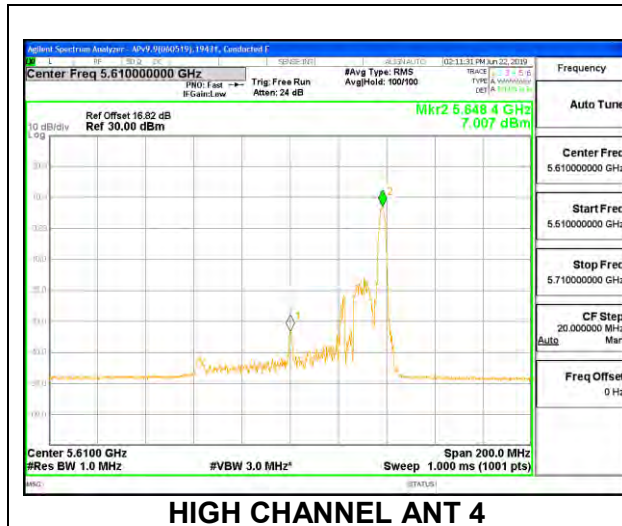
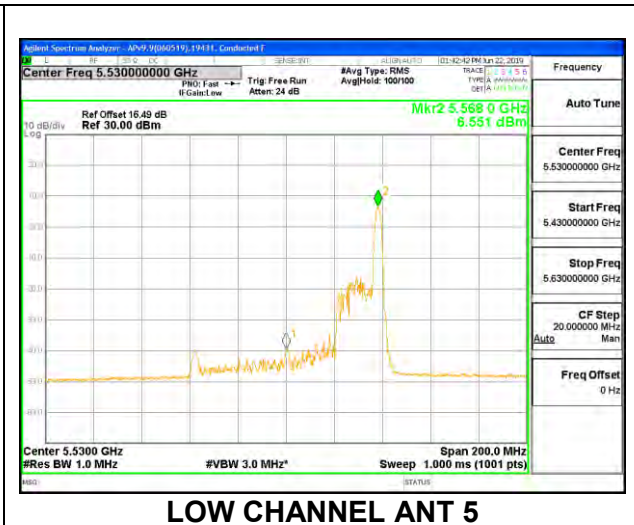
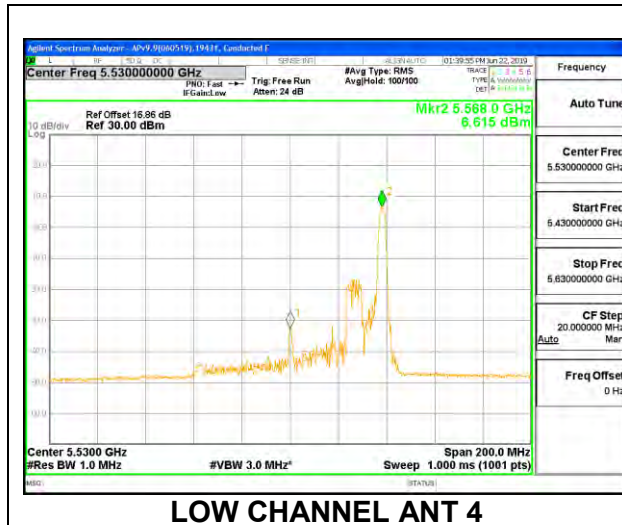
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	ANT 4 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	8.68	8.62	11.66	23.80	-12.14
High	5610	8.67	8.68	11.69	23.80	-12.12
138	5690	8.65	8.52	11.60	23.81	-12.21

PSD Results

Channel	Frequency (MHz)	ANT 4 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	6.615	6.551	9.593	11.00	-1.41
High	5610	7.007	6.972	10.000	11.00	-1.00
138	5690	-15.654	-16.096	-12.859	11.00	-23.86



8.5.19. 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Antenna 4 MODE (FCC+IC)

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-4.1	30.00	30.00
Mid	5785	-4.1	30.00	30.00
High	5825	-4.1	30.00	30.00
144	5720	-4.1	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

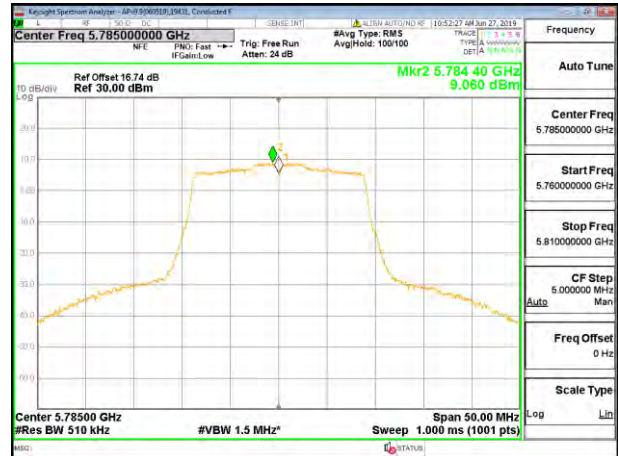
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.15	21.15	30.00	-8.85
Mid	5785	21.17	21.17	30.00	-8.83
High	5825	21.20	21.20	30.00	-8.80
144	5720	13.62	13.62	30.00	-16.38

PSD Results

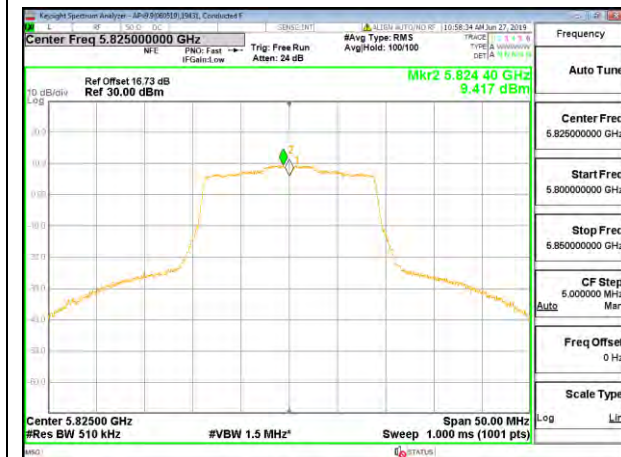
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	8.765	8.765	30.00	-21.24
Mid	5785	9.060	9.060	30.00	-20.94
High	5825	9.417	9.417	30.00	-20.58
144	5720	5.583	5.583	30.00	-24.42



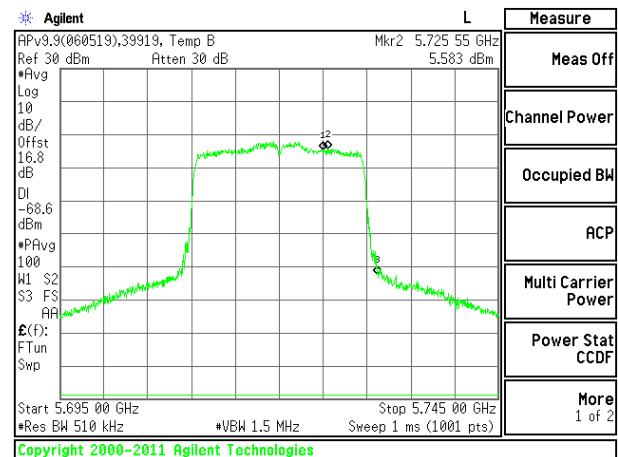
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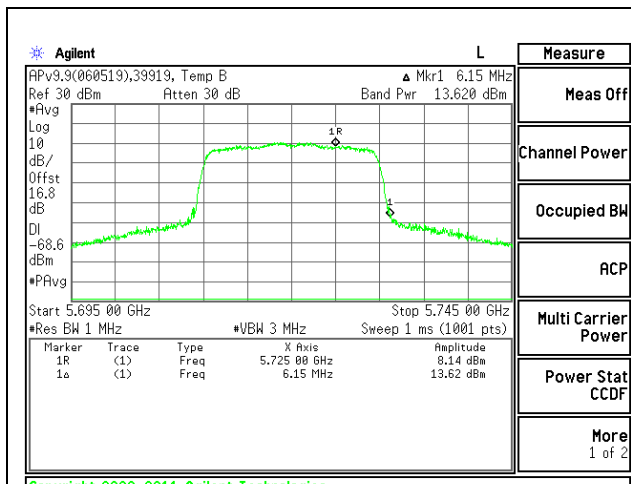
MID CHANNEL



HIGH CHANNEL



CHANNEL 144 PSD



CHANNEL 144 POWER

1TX Antenna 5 MODE (FCC+IC)**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-1.7	30.00	30.00
Mid	5785	-1.7	30.00	30.00
High	5825	-1.7	30.00	30.00
144	5720	-1.7	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

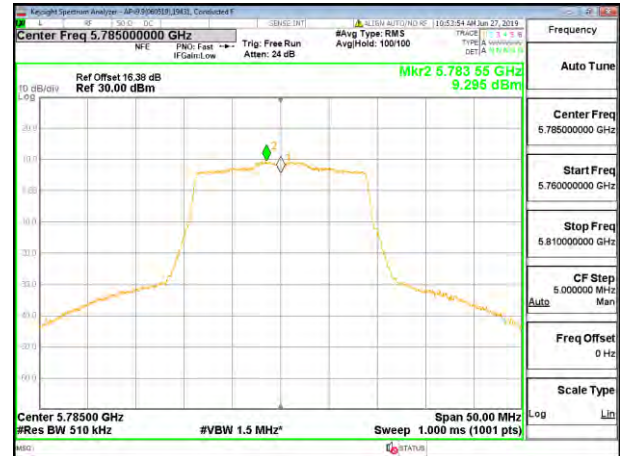
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.22	21.22	30.00	-8.78
Mid	5785	21.18	21.18	30.00	-8.82
High	5825	21.16	21.16	30.00	-8.84
144	5720	13.38	13.38	30.00	-16.63

PSD Results

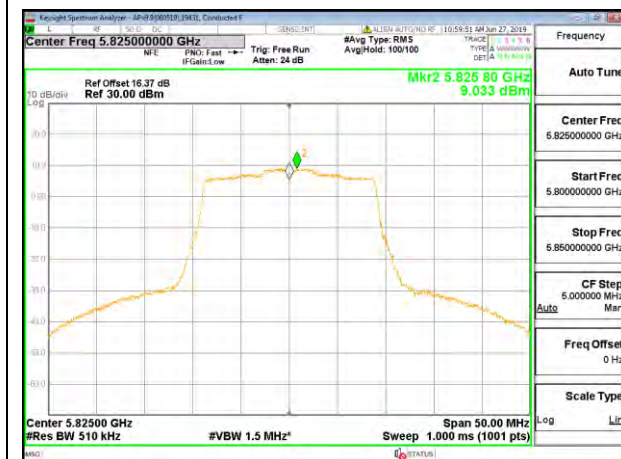
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	9.073	9.073	30.00	-20.93
Mid	5785	9.295	9.295	30.00	-20.71
High	5825	9.033	9.033	30.00	-20.97
144	5720	5.875	5.875	30.00	-24.13



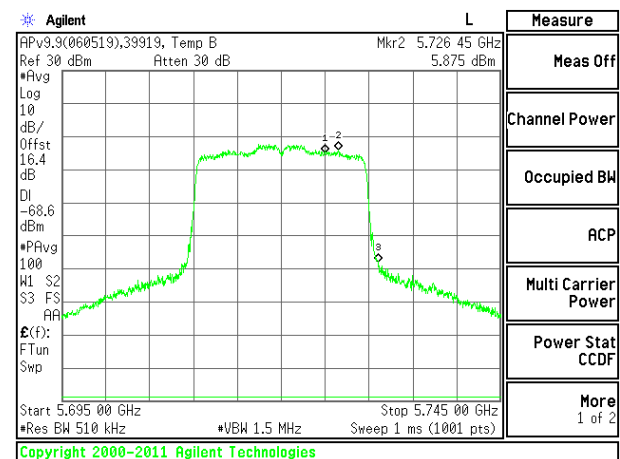
LOW CHANNEL



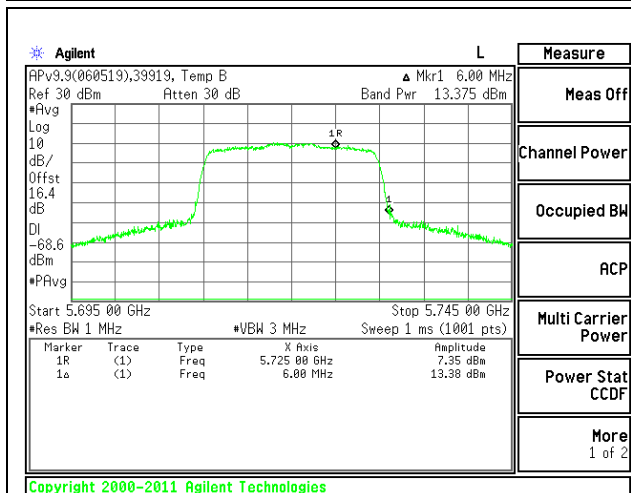
MID CHANNEL



HIGH CHANNEL



CHANNEL 144 PSD



CHANNEL 144 POWER

2TX Antenna 4 + Antenna 5 CDD MODE (FCC+IC)**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-2.74	0.19	30.00	30.00
Mid	5785	-2.74	0.19	30.00	30.00
High	5825	-2.74	0.19	30.00	30.00
144	5720	-2.74	0.19	30.00	30.00

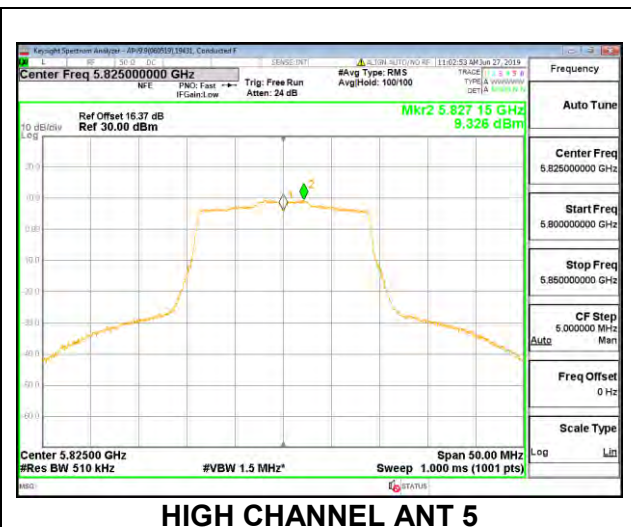
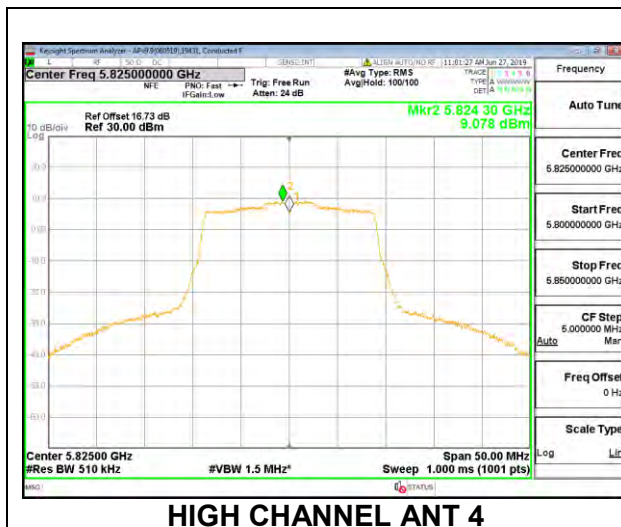
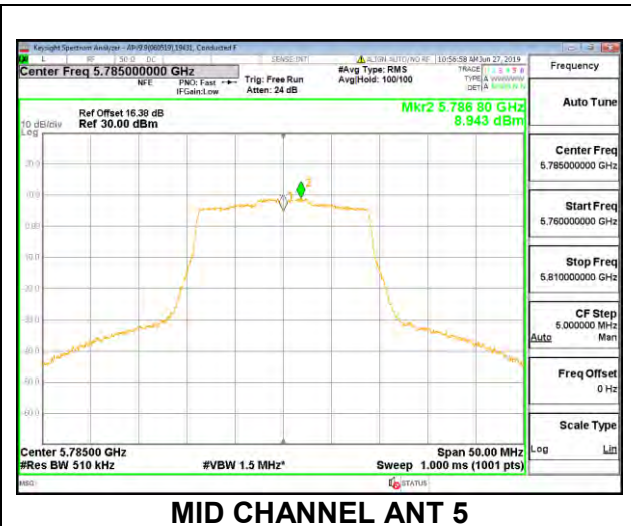
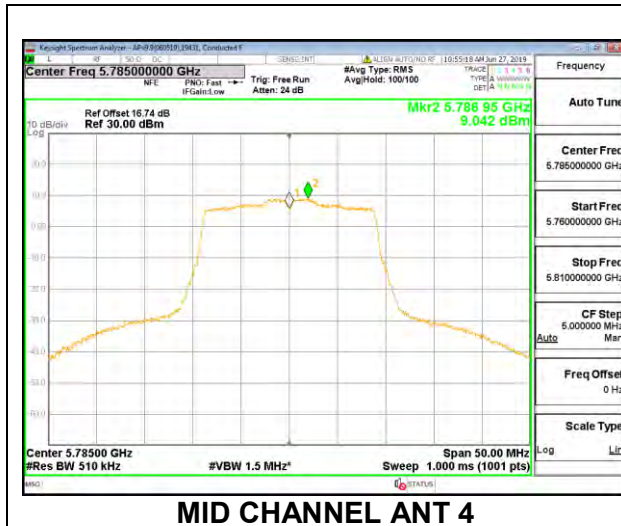
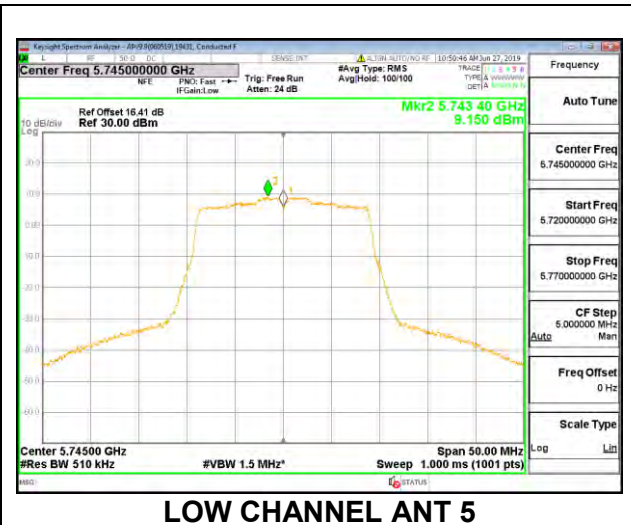
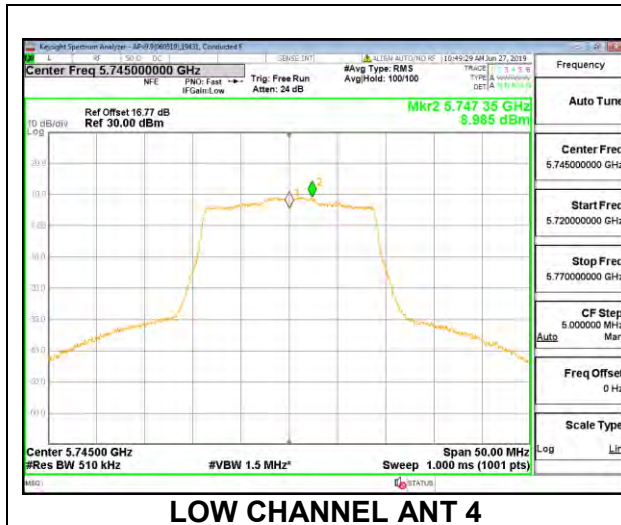
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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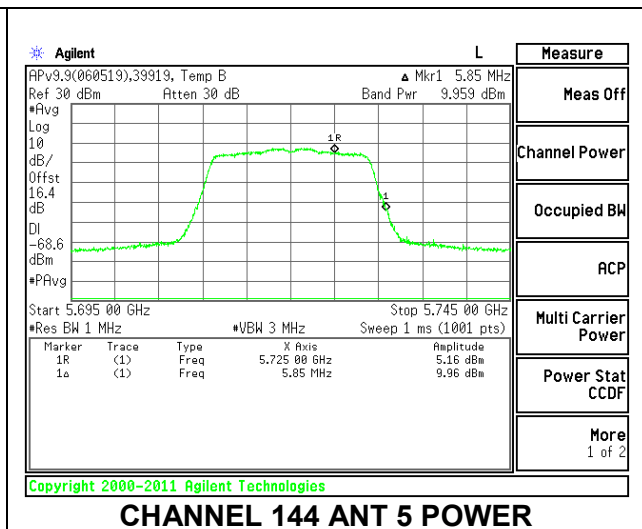
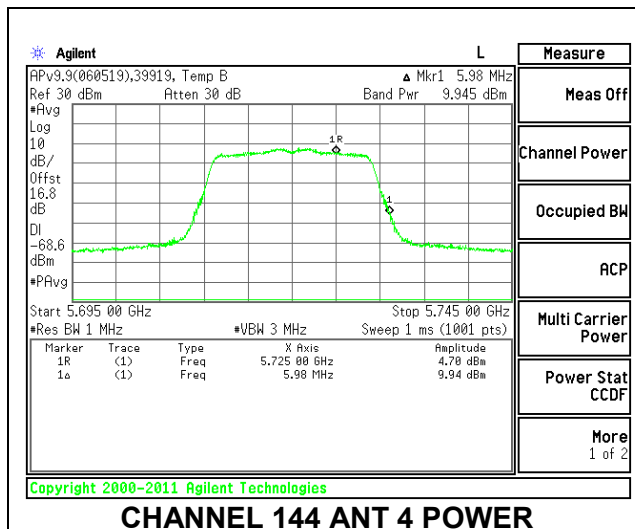
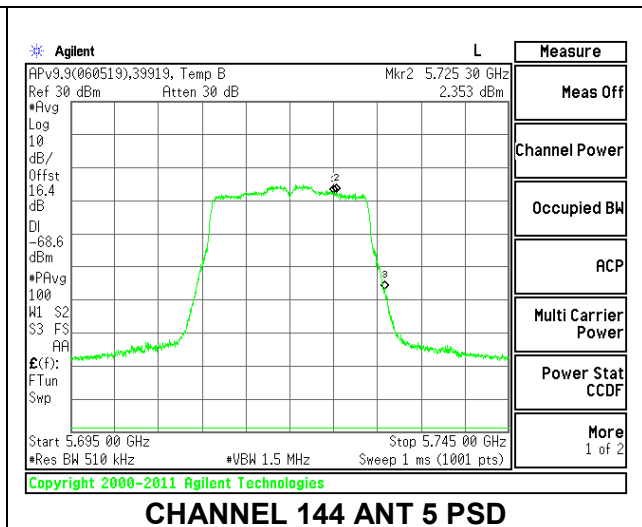
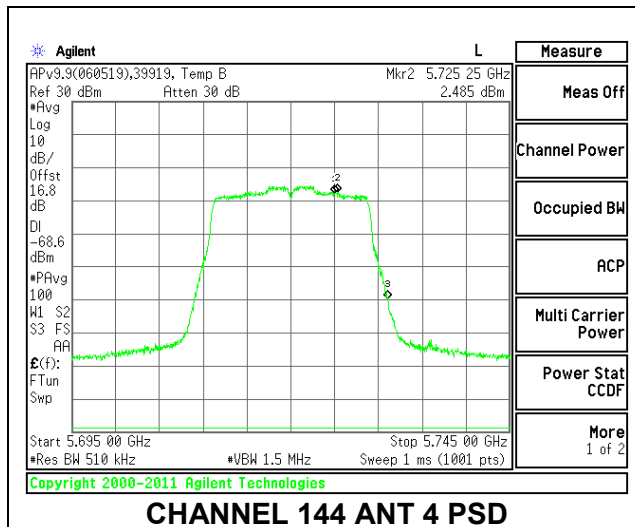
Output Power Results

Channel	Frequency (MHz)	ANT 4 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.11	21.13	24.13	30.00	-5.87
Mid	5785	21.20	21.21	24.22	30.00	-5.78
High	5825	21.15	21.16	24.17	30.00	-5.83
144	5720	9.95	9.96	12.96	30.00	-17.04

PSD Results

Channel	Frequency (MHz)	ANT 4 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	8.985	9.150	12.079	30.00	-17.92
Mid	5785	9.042	8.943	12.003	30.00	-18.00
High	5825	9.078	9.326	12.214	30.00	-17.79
144	5720	2.485	2.353	5.430	30.00	-24.57





8.5.20. 802.11n HT40 MODE IN THE 5.8 GHz BAND

1TX Antenna 4 MODE (FCC+IC)

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-4.1	30.00	30.00
High	5795	-4.1	30.00	30.00
142	5710	-4.1	30.00	30.00

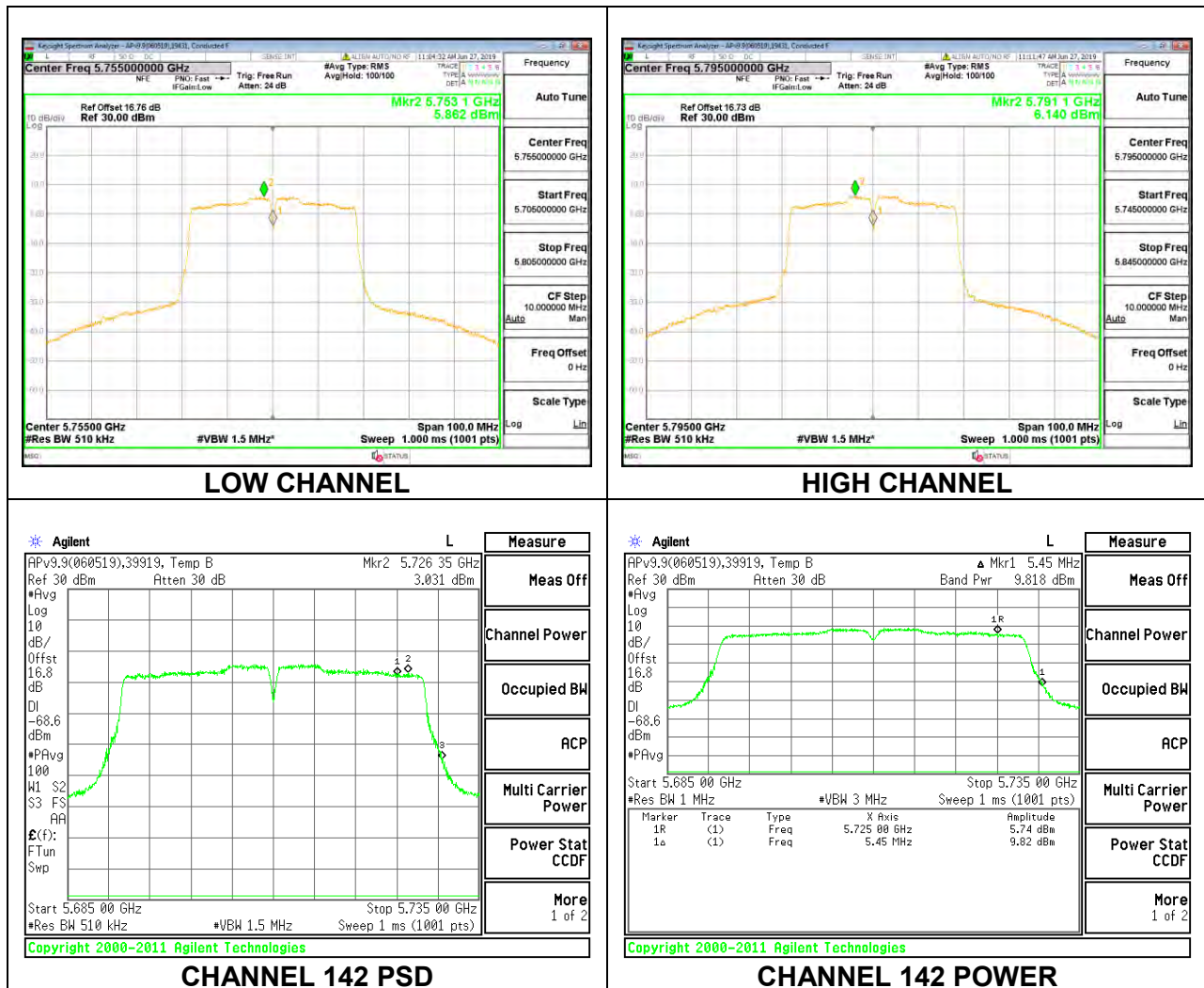
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.21	21.21	30.00	-8.79
High	5795	21.23	21.23	30.00	-8.77
142	5710	9.82	9.91	30.00	-20.09

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	5.862	5.952	30.00	-24.05
High	5795	6.140	6.230	30.00	-23.77
142	5710	3.031	3.121	30.00	-26.88



1TX Antenna 5 MODE (FCC+IC)**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-1.2	30.00	30.00
High	5795	-1.2	30.00	30.00
142	5710	-1.2	30.00	30.00

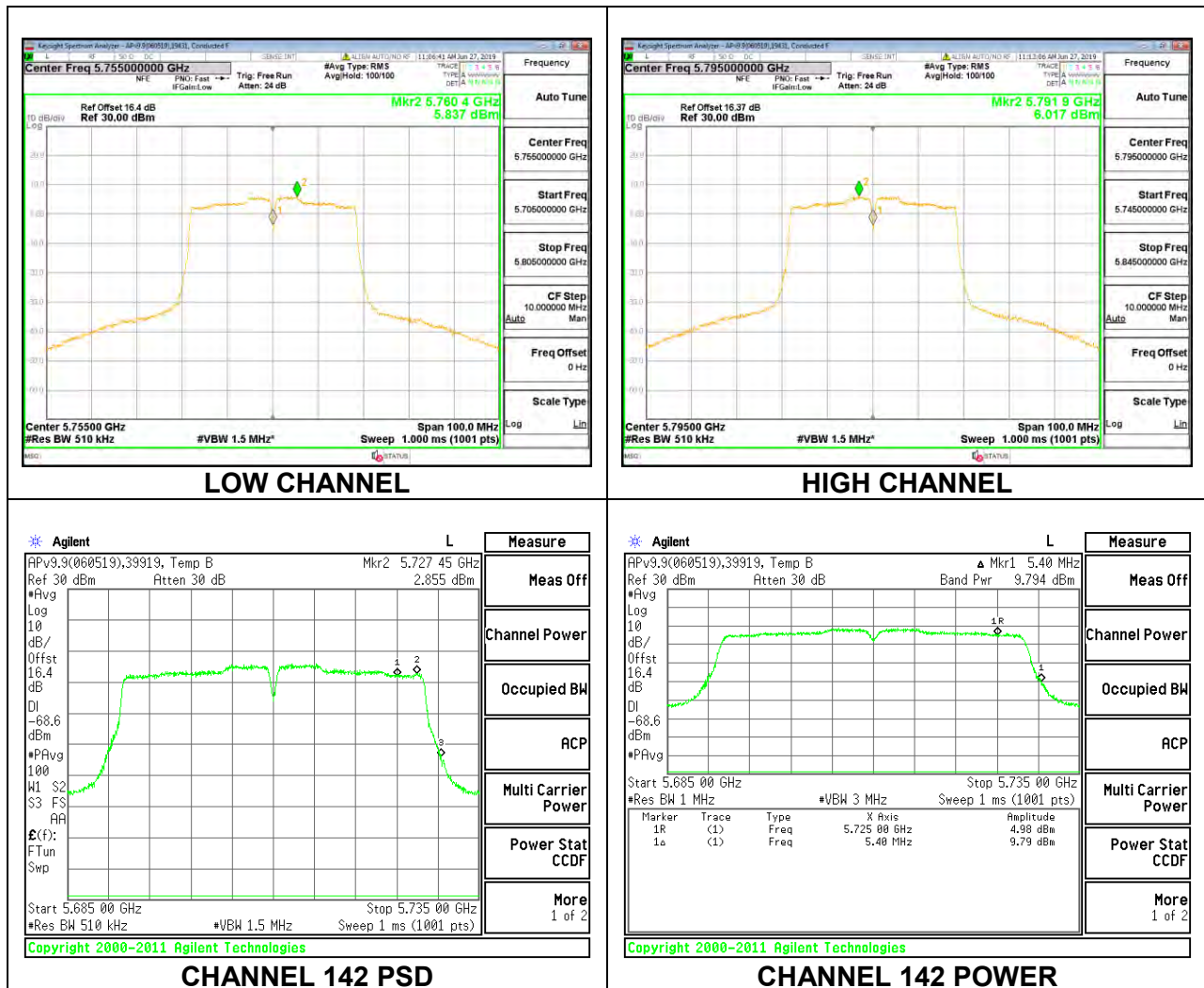
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.16	21.16	30.00	-8.84
High	5795	21.22	21.22	30.00	-8.78
142	5710	9.79	9.88	30.00	-20.12

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	5.837	5.927	30.00	-24.07
High	5795	6.017	6.107	30.00	-23.89
142	5710	2.855	2.945	30.00	-27.06



2TX Antenna 4 + Antenna 5 CDD MODE (FCC+IC)**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-2.74	0.19	30.00	30.00
High	5795	-2.74	0.19	30.00	30.00
142	5710	-2.74	0.19	30.00	30.00

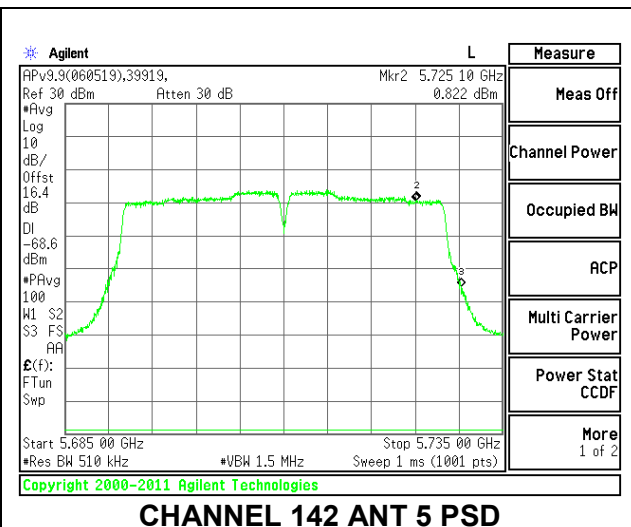
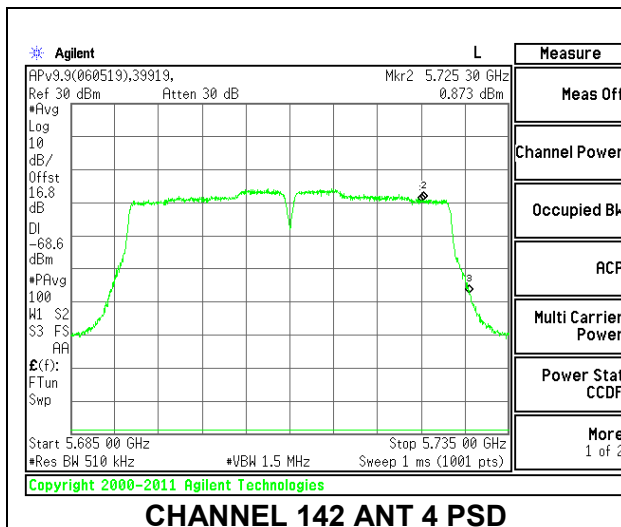
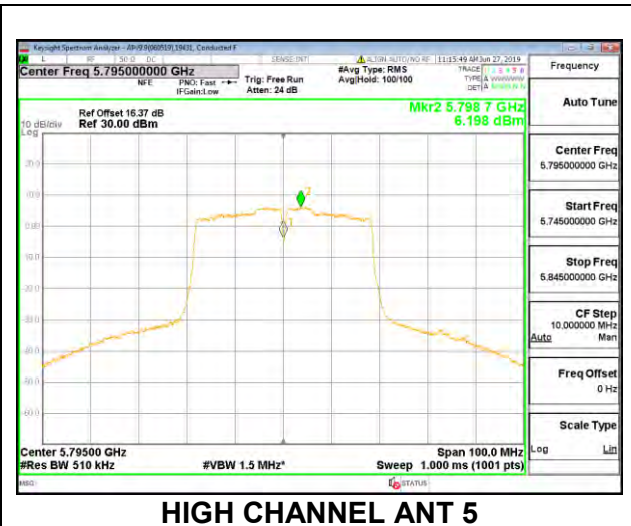
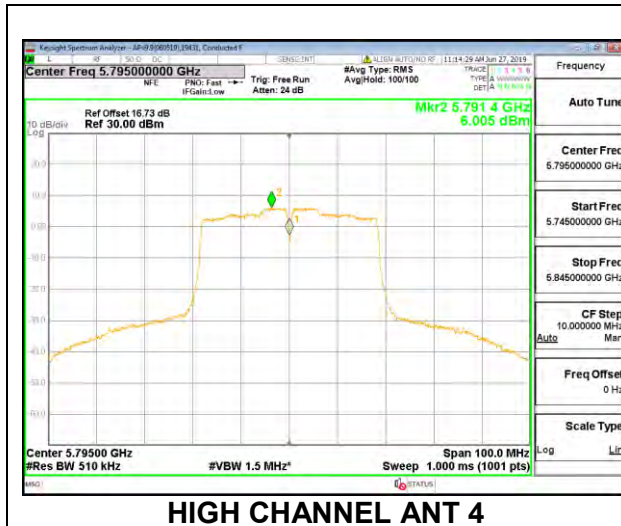
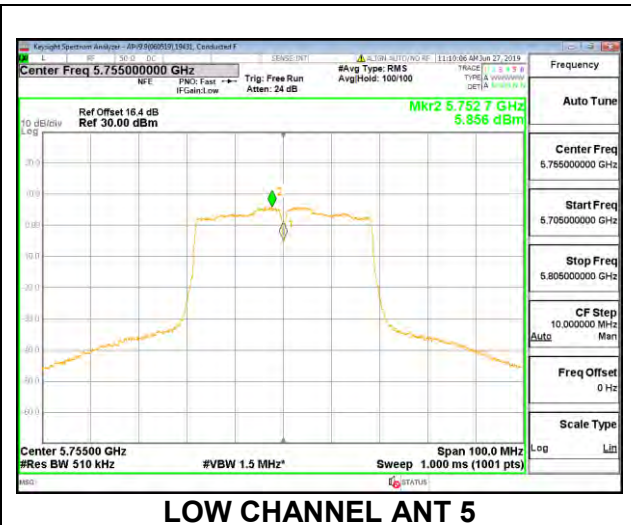
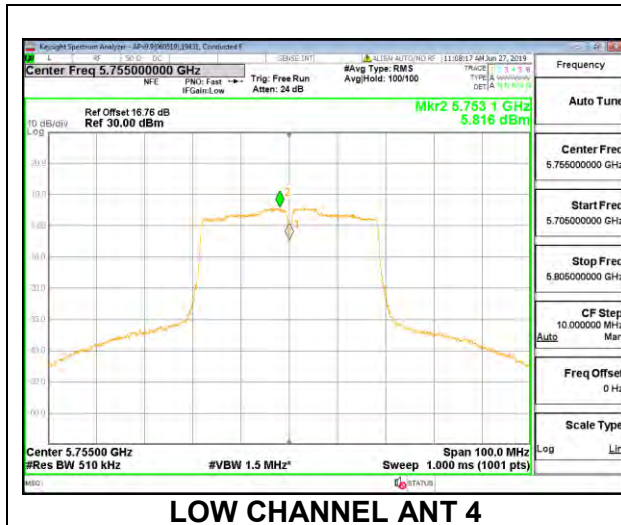
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd Power
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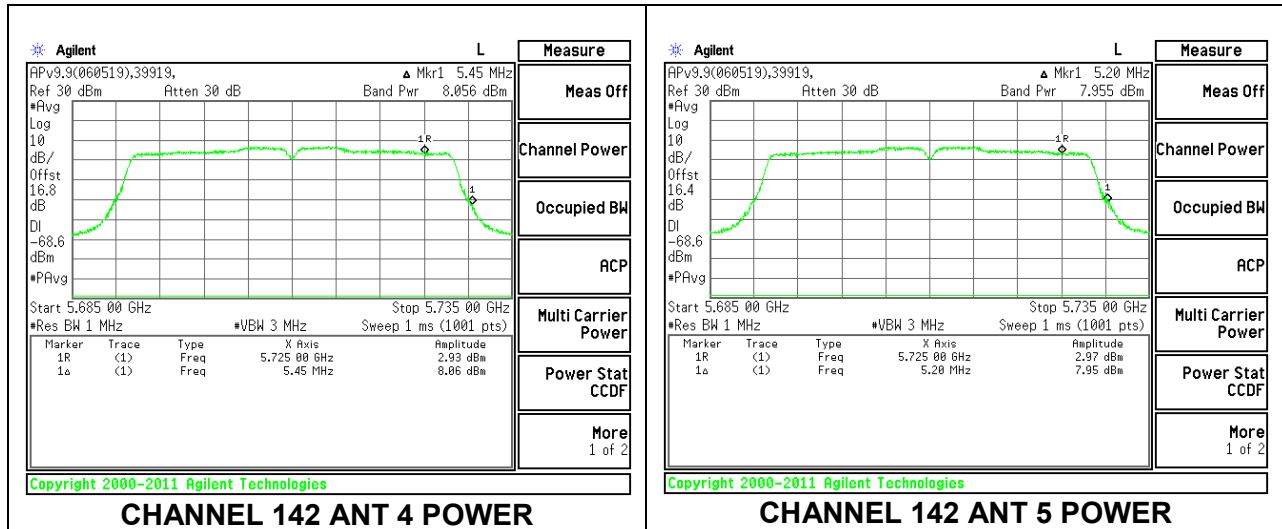
Output Power Results

Channel	Frequency (MHz)	ANT 4 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.22	21.17	24.21	30.00	-5.79
High	5795	21.23	21.16	24.21	30.00	-5.79
142	5710	8.06	7.96	11.11	30.00	-18.89

PSD Results

Channel	Frequency (MHz)	ANT 4 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	5.816	5.856	8.936	30.00	-21.06
High	5795	6.005	6.198	9.203	30.00	-20.80
142	5710	0.873	0.822	3.948	30.00	-26.05





8.5.21. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

1TX Antenna 4 MODE (FCC+IC)

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Mid	5775	-4.1	30.00	30.00
138	5690	-4.1	30.00	30.00

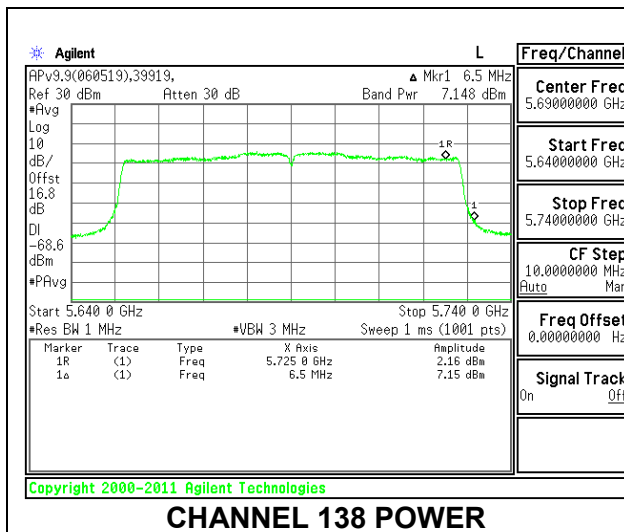
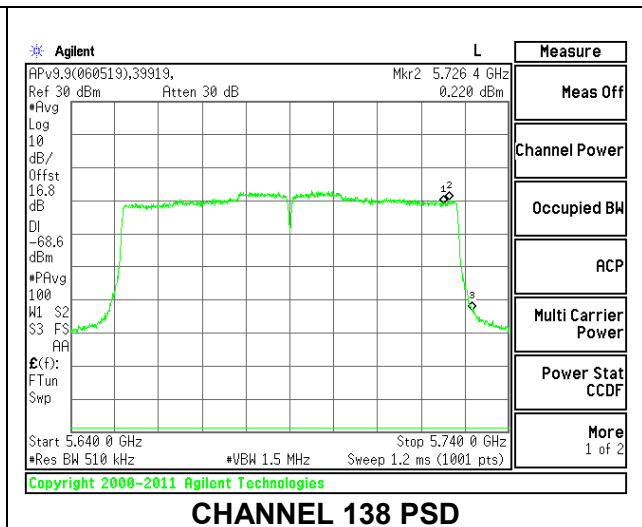
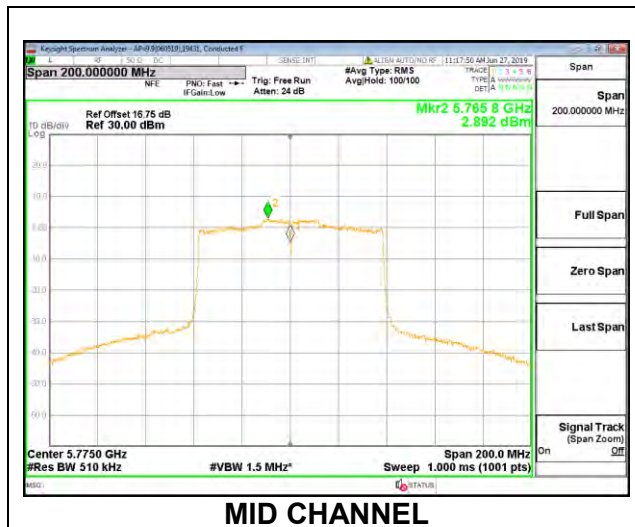
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.17	21.17	30.00	-8.83
138	5690	7.15	7.35	30.00	-22.65

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	2.892	3.092	30.00	-26.91
138	5690	0.220	0.420	30.00	-29.58



1TX Antenna 5 MODE (FCC+IC)**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Mid	5775	-1.2	30.00	30.00
138	5690	-1.2	30.00	30.00

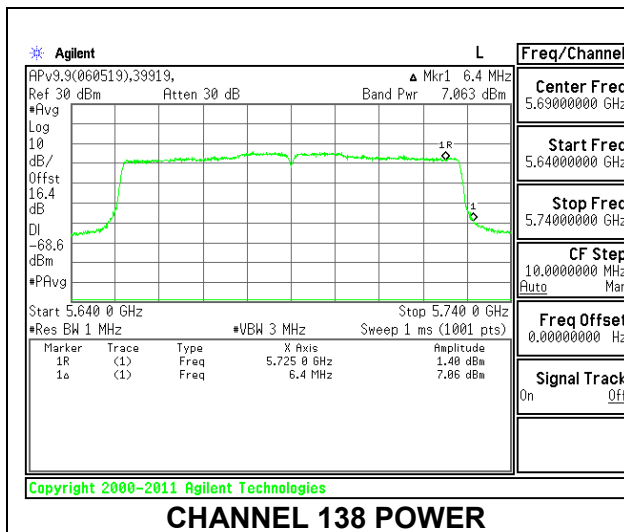
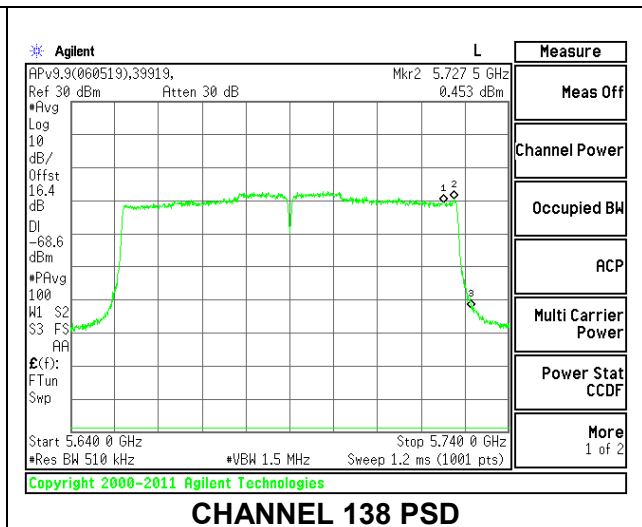
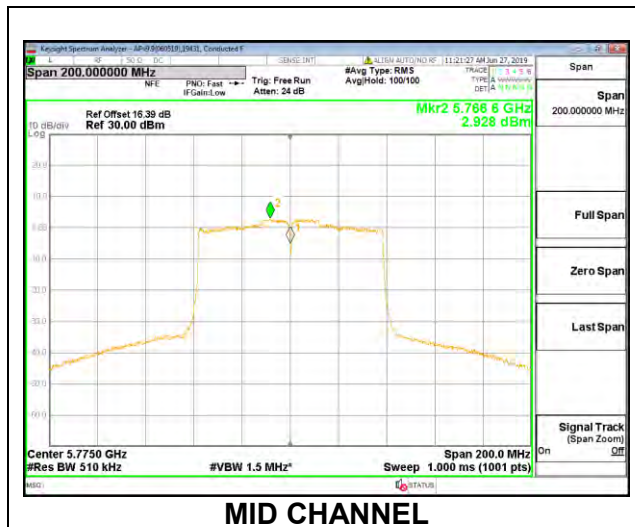
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.17	21.17	30.00	-8.83
138	5690	7.06	7.26	30.00	-22.74

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	2.928	3.128	30.00	-26.87
138	5690	0.453	0.653	30.00	-29.35



2TX Antenna 4 + Antenna 5 CDD MODE (FCC+IC)**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Mid	5755	-2.74	0.19	30.00	30.00
138	5690	-2.74	0.19	30.00	30.00

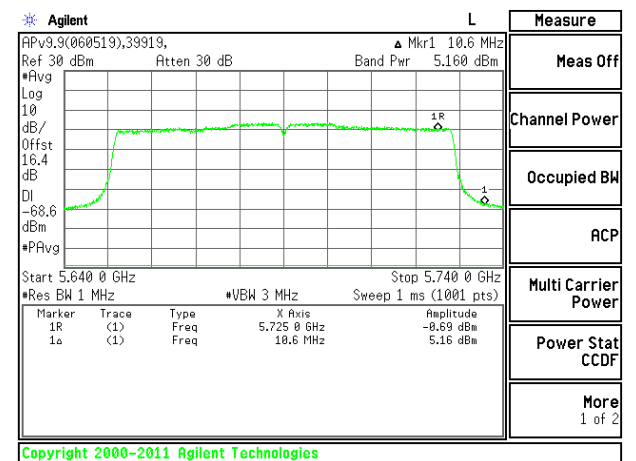
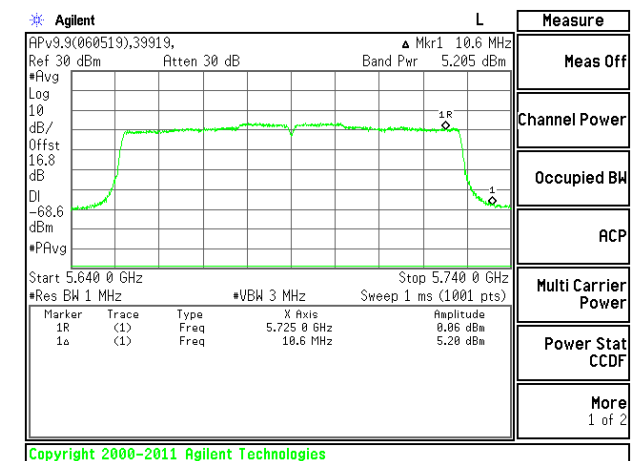
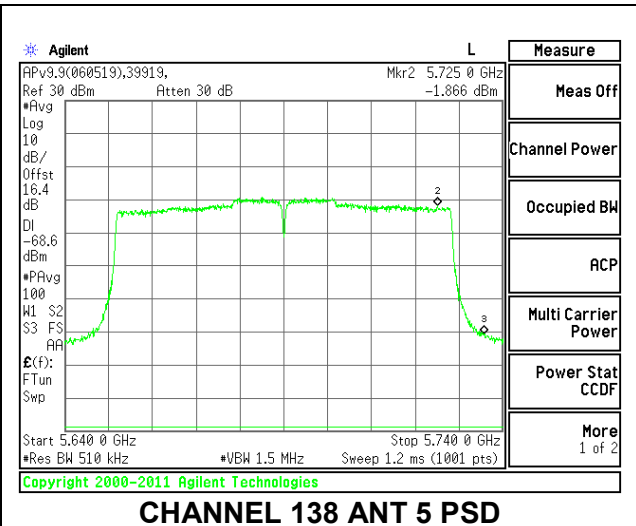
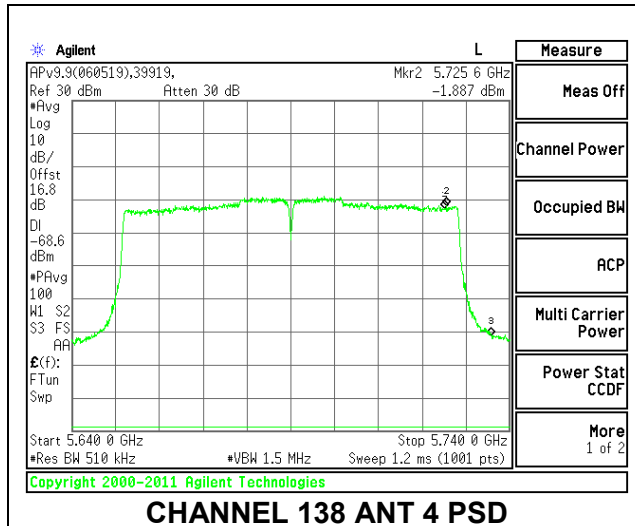
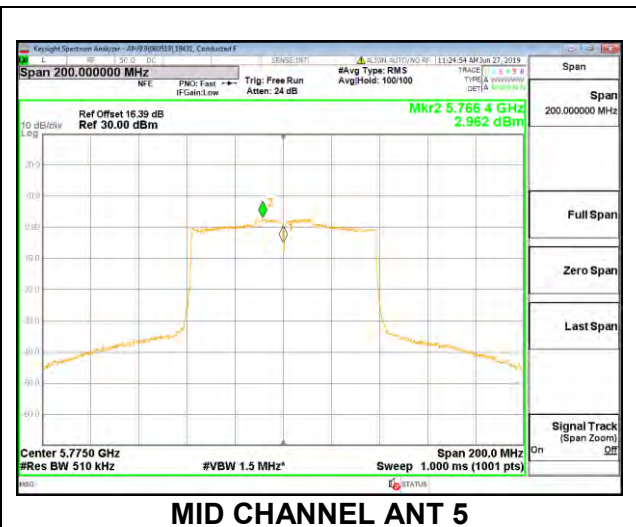
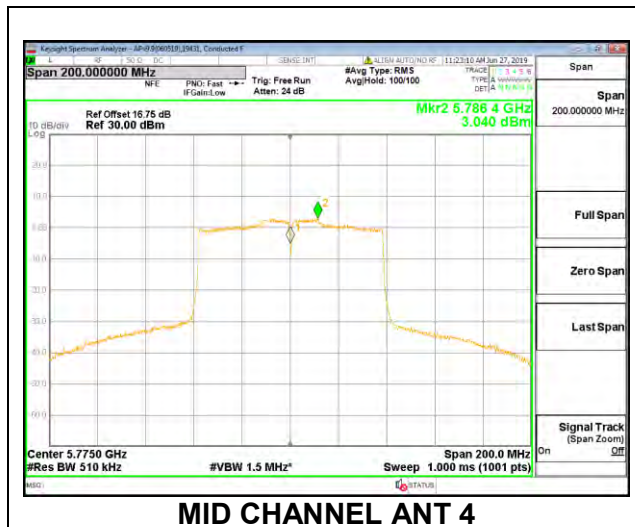
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd Power
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Output Power Results

Channel	Frequency (MHz)	ANT 4 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	21.22	21.23	24.24	30.00	-5.76
138	5690	5.21	5.16	8.38	30.00	-21.62

PSD Results

Channel	Frequency (MHz)	ANT 4 Meas PSD (dBm/ 1MHz)	ANT 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	3.040	2.962	6.201	30.00	-23.80
138	5690	-1.887	-1.866	1.324	30.00	-28.68



8.5.22. 802.11ax HE20 MODE IN THE 5.8 GHz BAND

1TX Antenna 4 MODE (FCC+IC) – 242 Tones, RU Index 61

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-4.1	30.00	30.00
Mid	5785	-4.1	30.00	30.00
High	5825	-4.1	30.00	30.00
144	5720	-4.1	30.00	30.00

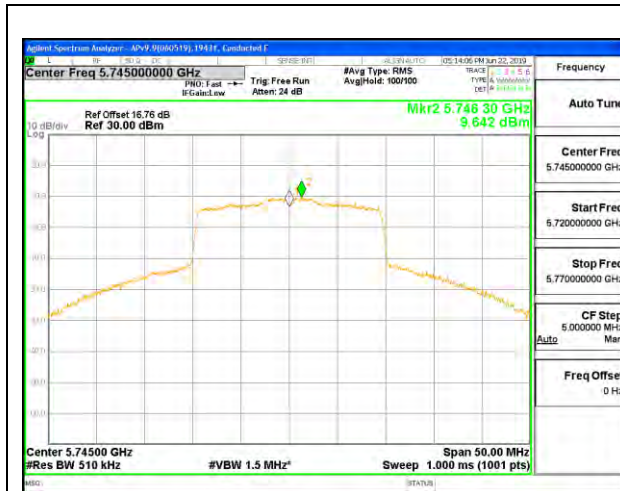
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

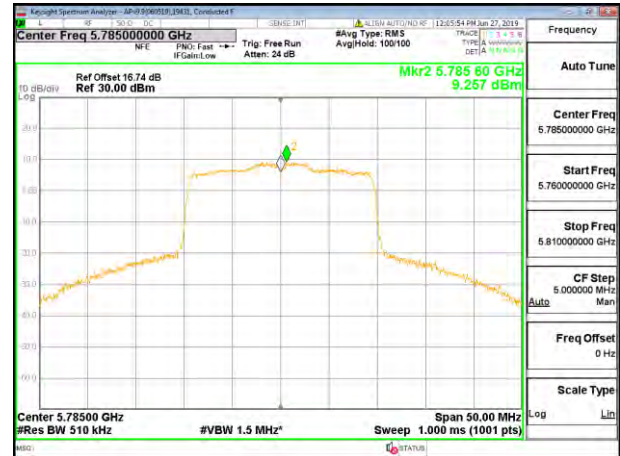
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.20	21.20	30.00	-8.80
Mid	5785	21.24	21.24	30.00	-8.76
High	5825	21.22	21.22	30.00	-8.78
144	5720	14.80	14.80	30.00	-15.20

PSD Results

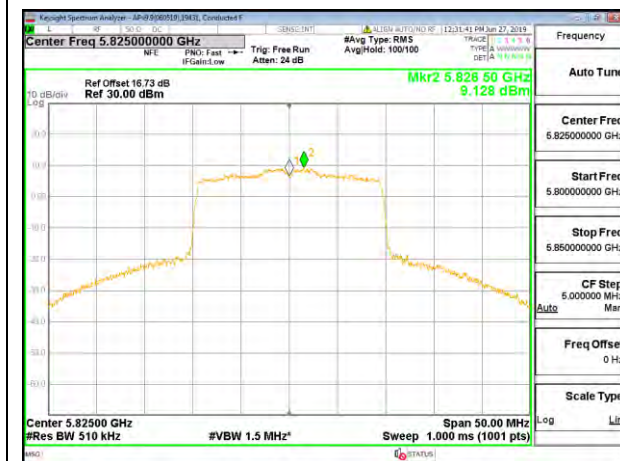
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	9.642	9.642	30.00	-20.36
Mid	5785	9.257	9.257	30.00	-20.74
High	5825	9.128	9.128	30.00	-20.87
144	5720	6.678	6.678	30.00	-23.32



LOW CHANNEL



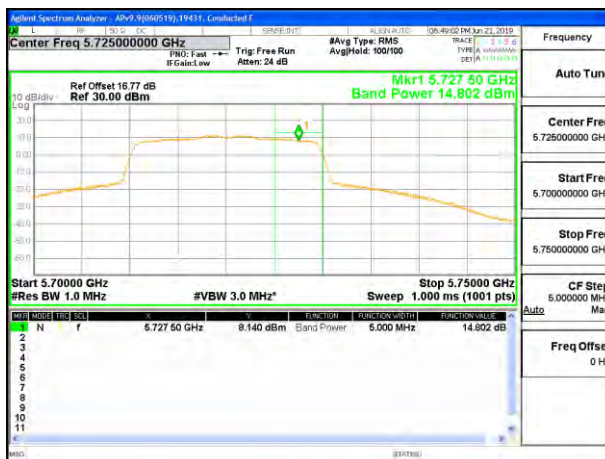
MID CHANNEL



HIGH CHANNEL



CHANNEL 144 PSD



CHANNEL 144 POWER

1TX Antenna 4 MODE (FCC+IC) – 26 Tones, RU Index 0**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-4.1	30.00	30.00
Mid	5785	-4.1	30.00	30.00
High	5825	-4.1	30.00	30.00
144	5720	-4.1	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	21.21	21.21	30.00	-8.79
Mid	5785	21.23	21.23	30.00	-8.77
High	5825	21.23	21.23	30.00	-8.77
144	5720	-18.94	-18.94	30.00	-48.94

PSD Results

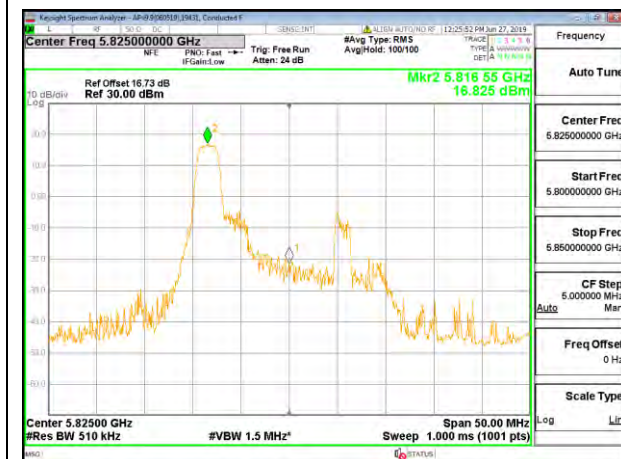
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	17.303	17.303	30.00	-12.70
Mid	5785	16.636	16.636	30.00	-13.36
High	5825	16.825	16.825	30.00	-13.18
144	5720	-14.736	-14.736	30.00	-44.74



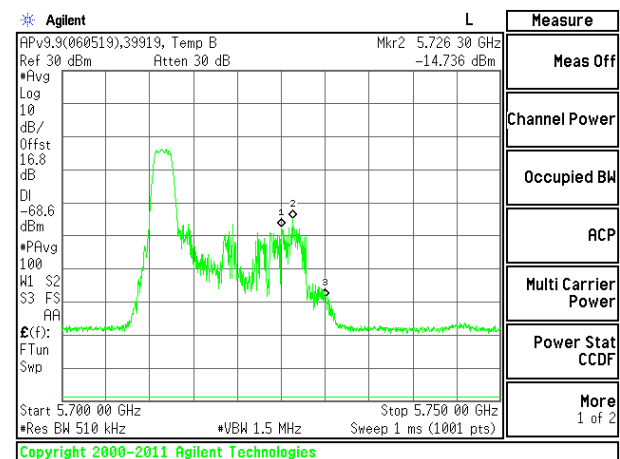
LOW CHANNEL



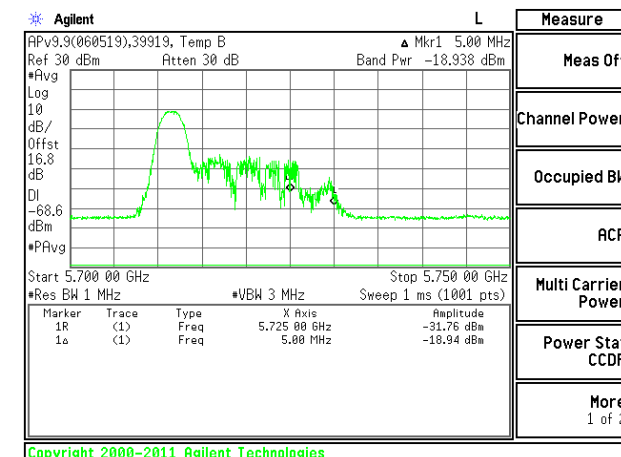
MID CHANNEL



HIGH CHANNEL



CHANNEL 144 PSD



CHANNEL 144 POWER

1TX Antenna 4 MODE (FCC+IC) – 26 Tones, RU Index 4**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-4.1	30.00	30.00
Mid	5785	-4.1	30.00	30.00
High	5825	-4.1	30.00	30.00
144	5720	-4.1	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	21.18	21.18	30.00	-8.82
Mid	5785	21.21	21.21	30.00	-8.79
High	5825	21.22	21.22	30.00	-8.78
144	5720	-18.87	-18.87	30.00	-48.87

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	16.905	16.905	30.00	-13.10
Mid	5785	17.041	17.041	30.00	-12.96
High	5825	17.097	17.097	30.00	-12.90
144	5720	-18.446	-18.446	30.00	-48.45



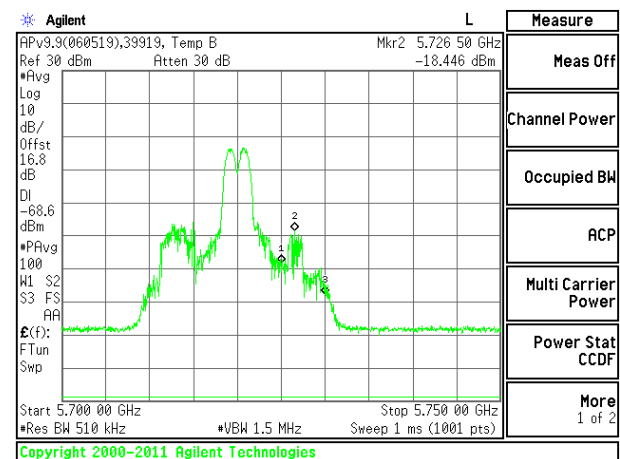
LOW CHANNEL



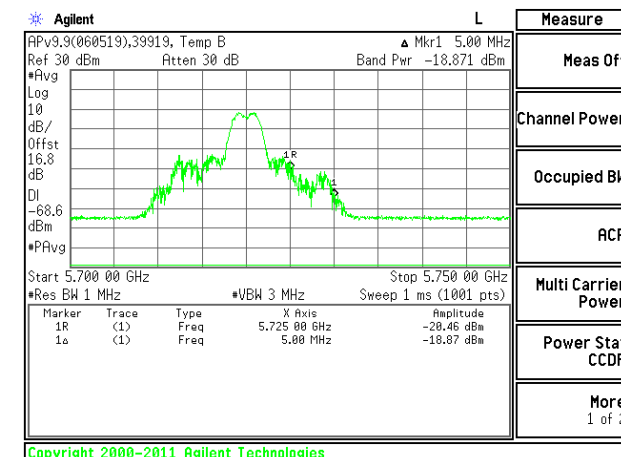
MID CHANNEL



HIGH CHANNEL



CHANNEL 144 PSD



CHANNEL 144 POWER

1TX Antenna 4 MODE (FCC+IC) – 26 Tones, RU Index 8**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-4.1	30.00	30.00
Mid	5785	-4.1	30.00	30.00
High	5825	-4.1	30.00	30.00
144	5720	-4.1	30.00	30.00

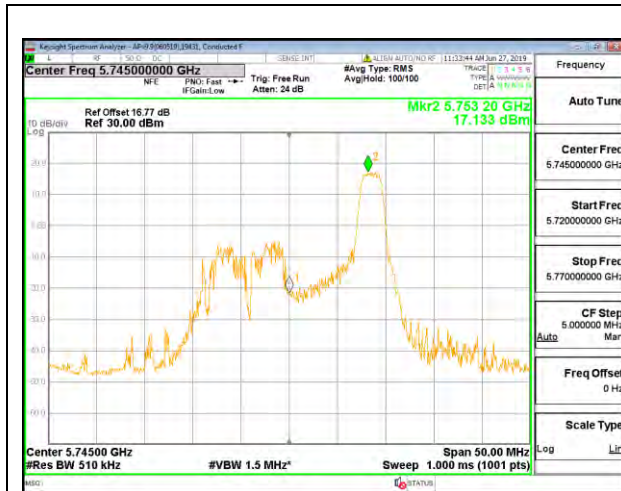
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.23	21.23	30.00	-8.77
Mid	5785	21.16	21.16	30.00	-8.84
High	5825	21.18	21.18	30.00	-8.82
144	5720	11.51	11.51	30.00	-18.49

PSD Results

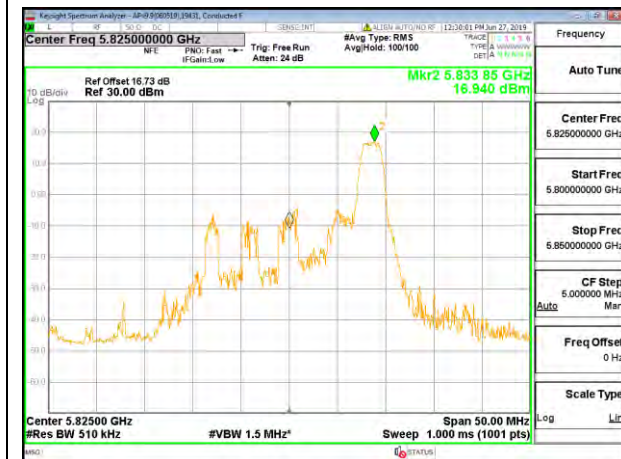
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	17.133	17.133	30.00	-12.87
Mid	5785	16.747	16.747	30.00	-13.25
High	5825	16.940	16.940	30.00	-13.06
144	5720	6.567	6.567	30.00	-23.43



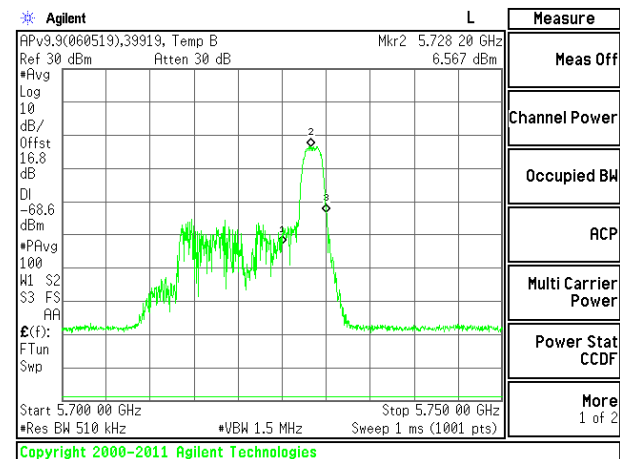
LOW CHANNEL



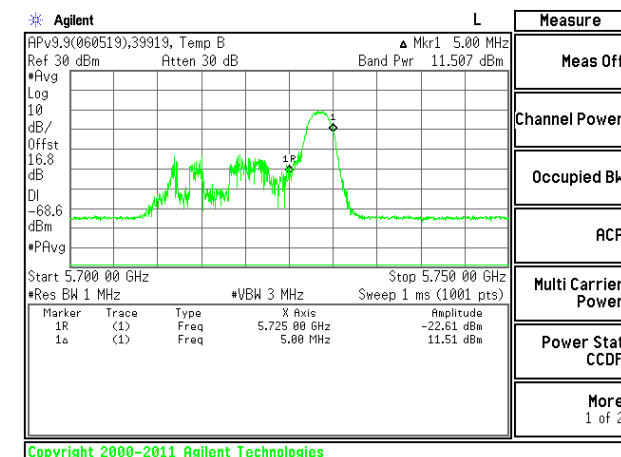
MID CHANNEL



HIGH CHANNEL



CHANNEL 144 PSD



CHANNEL 144 POWER

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

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-1.70	30.00	30.00
Mid	5785	-1.70	30.00	30.00
High	5825	-1.70	30.00	30.00
144	5720	-1.70	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	21.15	21.15	30.00	-8.85
Mid	5785	21.24	21.24	30.00	-8.76
High	5825	21.22	21.22	30.00	-8.78
144	5720	14.79	14.79	30.00	-15.21

PSD Results

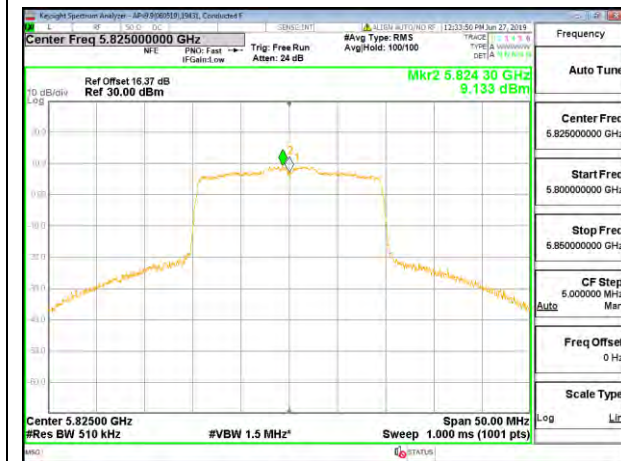
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	8.652	8.652	30.00	-21.35
Mid	5785	9.165	9.165	30.00	-20.84
High	5825	9.133	9.133	30.00	-20.87
144	5720	6.751	6.751	30.00	-23.25



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



CHANNEL 144 PSD



CHANNEL 144 POWER

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

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-1.7	30.00	30.00
Mid	5785	-1.7	30.00	30.00
High	5825	-1.7	30.00	30.00
144	5720	-1.7	30.00	30.00

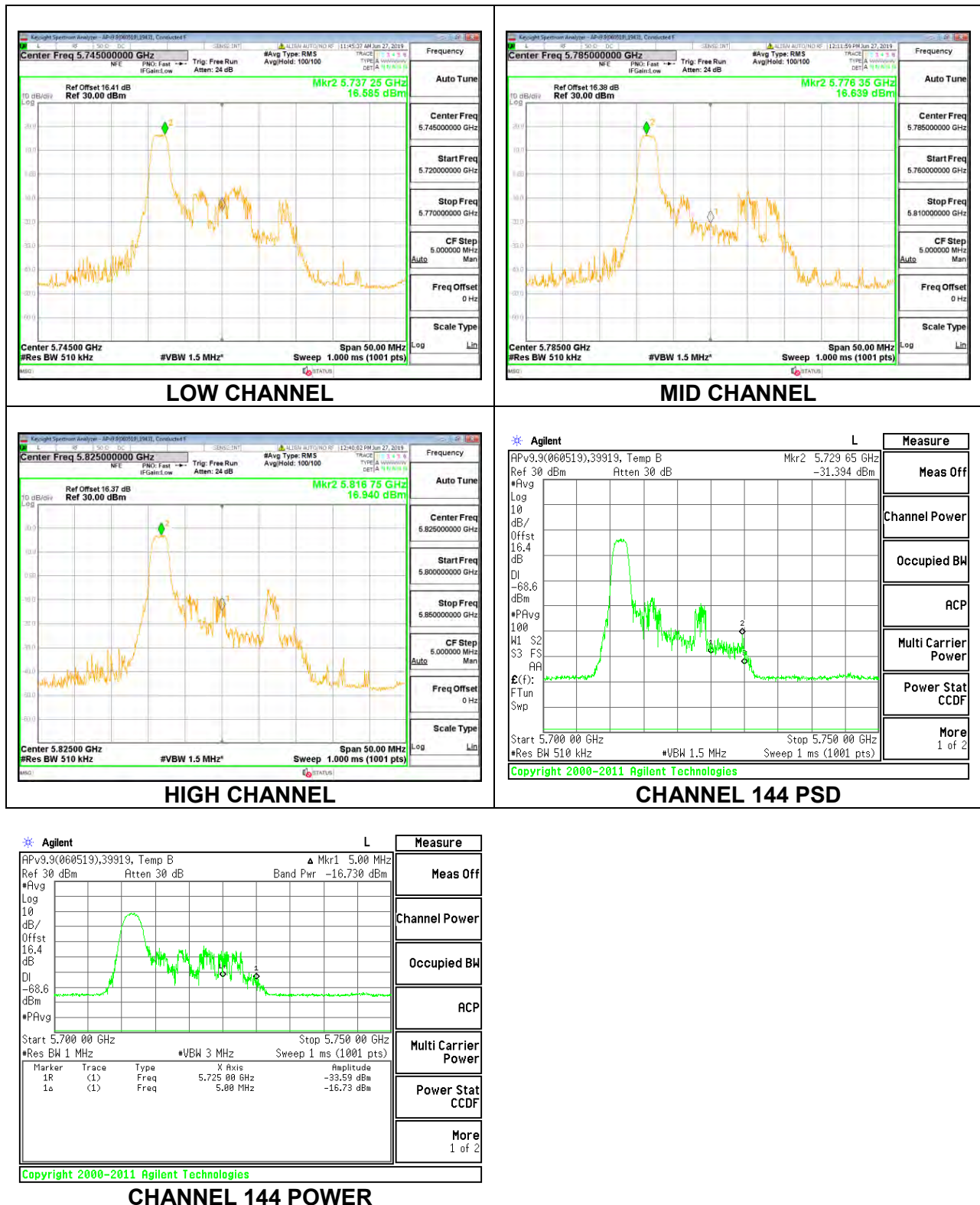
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.19	21.19	30.00	-8.81
Mid	5785	21.23	21.23	30.00	-8.77
High	5825	21.22	21.22	30.00	-8.78
144	5720	-16.73	-16.73	30.00	-46.73

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	16.585	16.585	30.00	-13.42
Mid	5785	16.639	16.639	30.00	-13.36
High	5825	16.940	16.940	30.00	-13.06
144	5720	-31.394	-31.394	30.00	-61.39



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

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-1.7	30.00	30.00
Mid	5785	-1.7	30.00	30.00
High	5825	-1.7	30.00	30.00
144	5720	-1.7	30.00	30.00

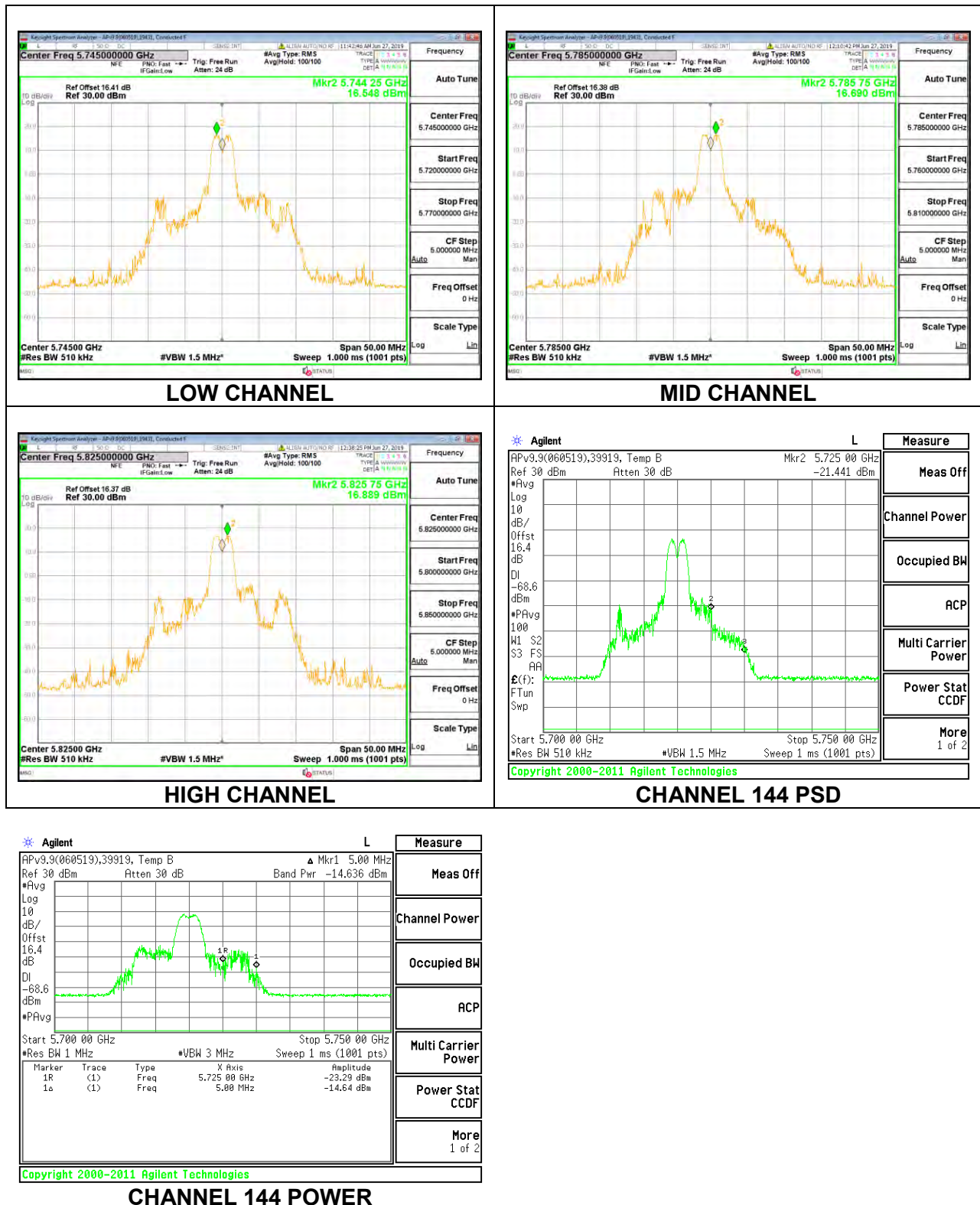
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.15	21.15	30.00	-8.85
Mid	5785	21.18	21.18	30.00	-8.82
High	5825	21.22	21.22	30.00	-8.78
144	5720	-14.64	-14.64	30.00	-44.64

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	16.548	16.548	30.00	-13.45
Mid	5785	16.690	16.690	30.00	-13.31
High	5825	16.889	16.889	30.00	-13.11
144	5720	-21.441	-21.441	30.00	-51.44



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

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-1.7	30.00	30.00
Mid	5785	-1.7	30.00	30.00
High	5825	-1.7	30.00	30.00
144	5720	-1.7	30.00	30.00

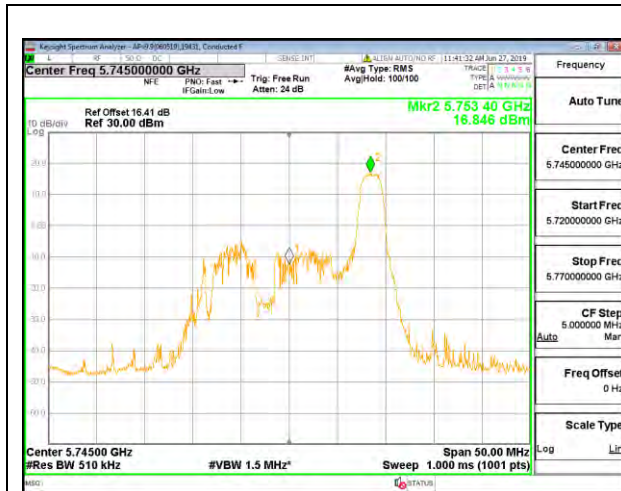
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.19	21.19	30.00	-8.81
Mid	5785	21.17	21.17	30.00	-8.83
High	5825	21.16	21.16	30.00	-8.84
144	5720	12.74	12.74	30.00	-17.26

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	16.846	16.846	30.00	-13.15
Mid	5785	16.713	16.713	30.00	-13.29
High	5825	16.677	16.677	30.00	-13.32
144	5720	6.309	6.309	30.00	-23.69



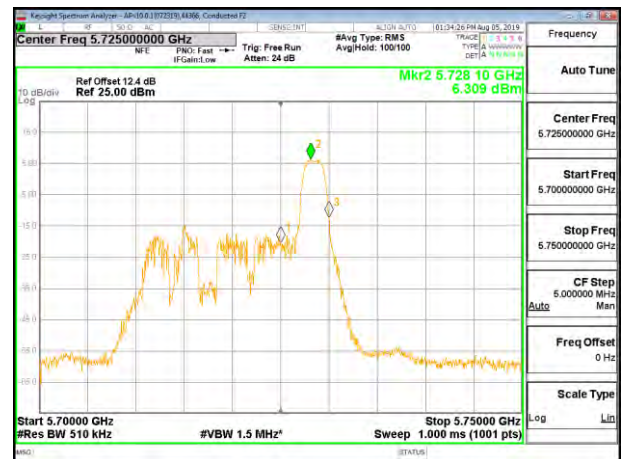
LOW CHANNEL



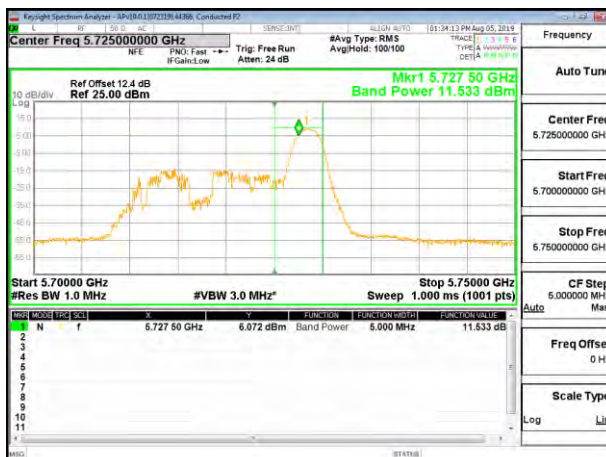
MID CHANNEL



HIGH CHANNEL



CHANNEL 144 PSD



CHANNEL 144 POWER

2TX Antenna 4 + Antenna 5 OFDMA MODE (FCC+IC) – 242 Tones, RU Index 61**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-2.74	0.19	30.00	30.00
Mid	5785	-2.74	0.19	30.00	30.00
High	5825	-2.74	0.19	30.00	30.00
144	5720	-2.74	0.19	30.00	30.00

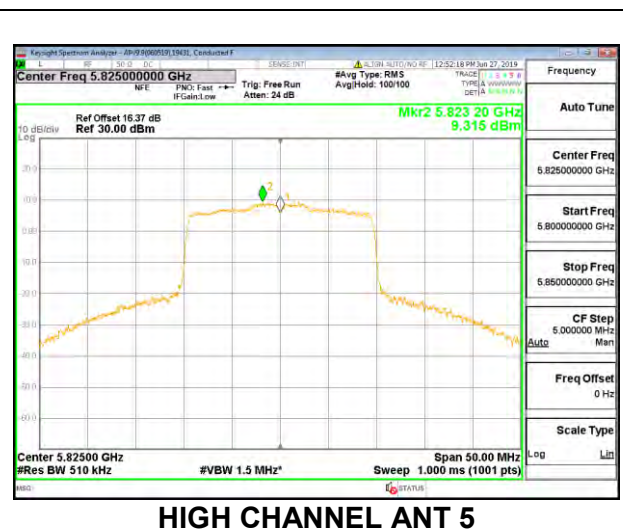
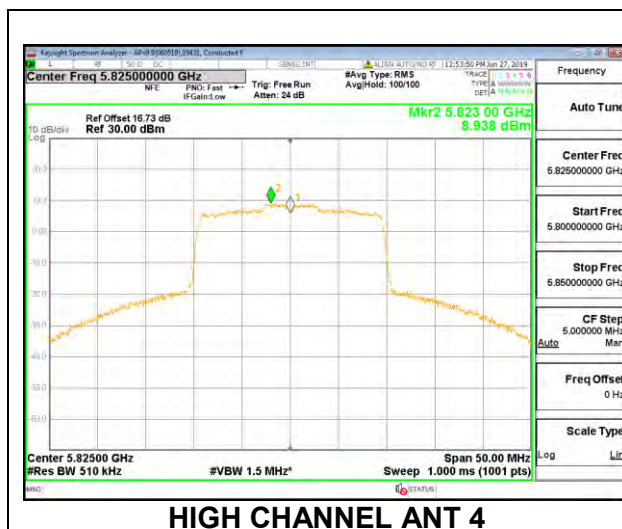
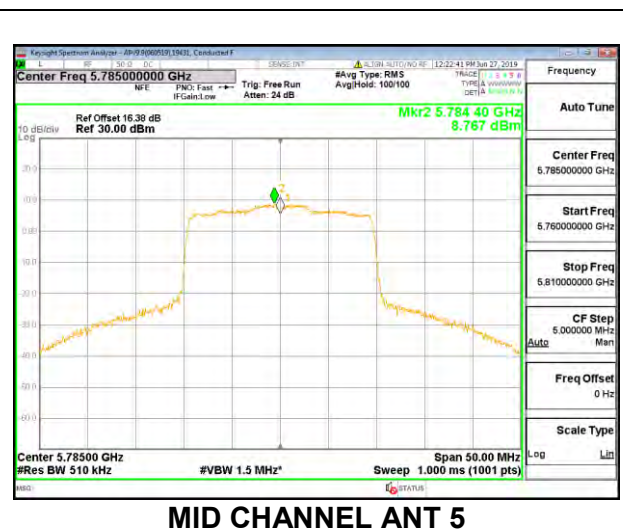
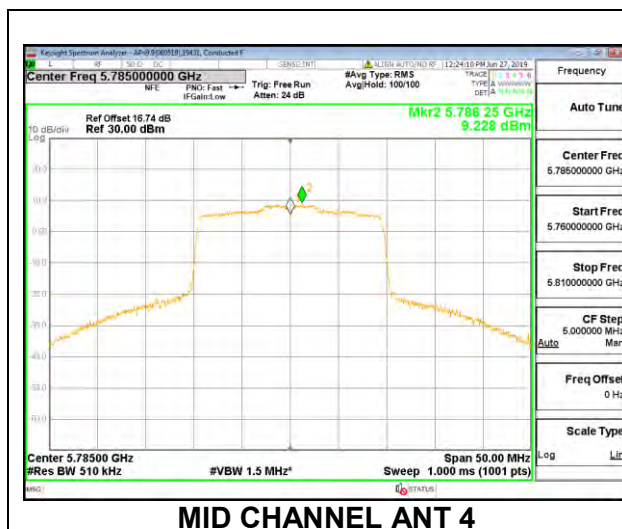
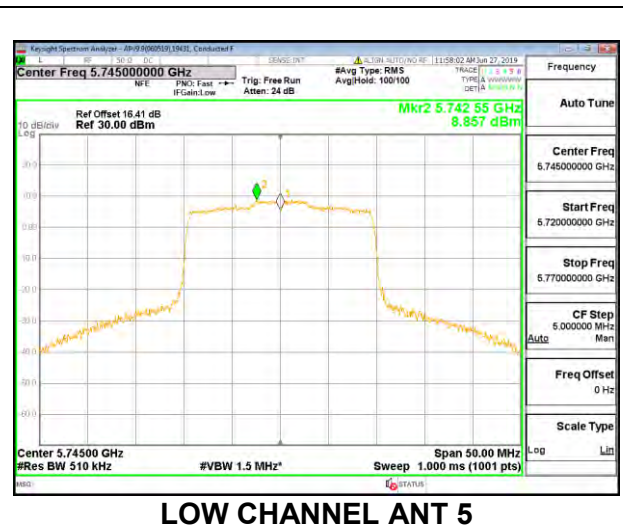
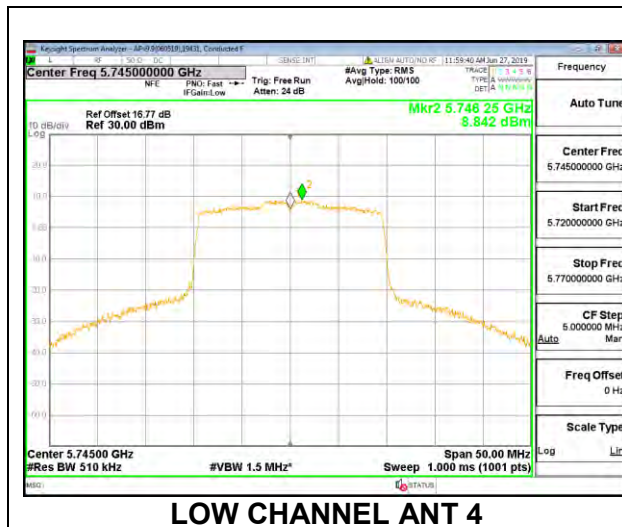
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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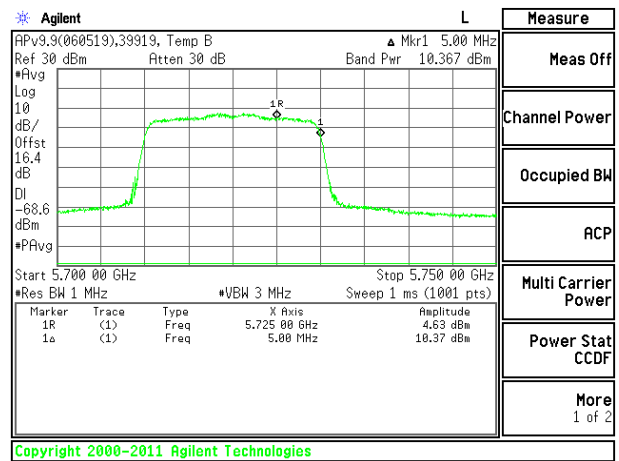
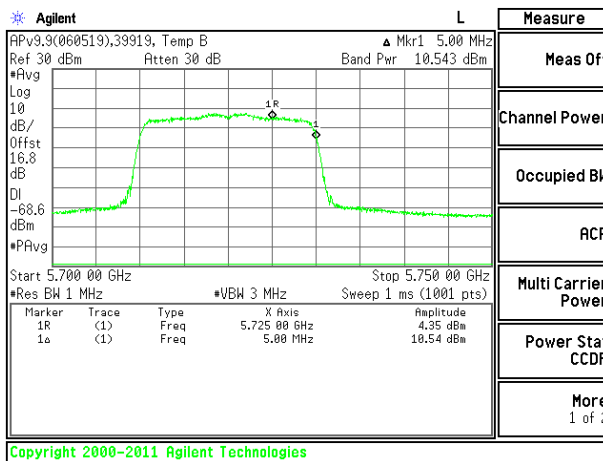
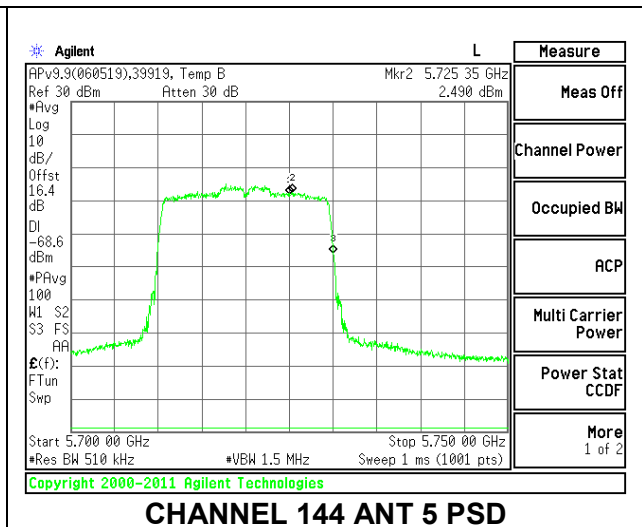
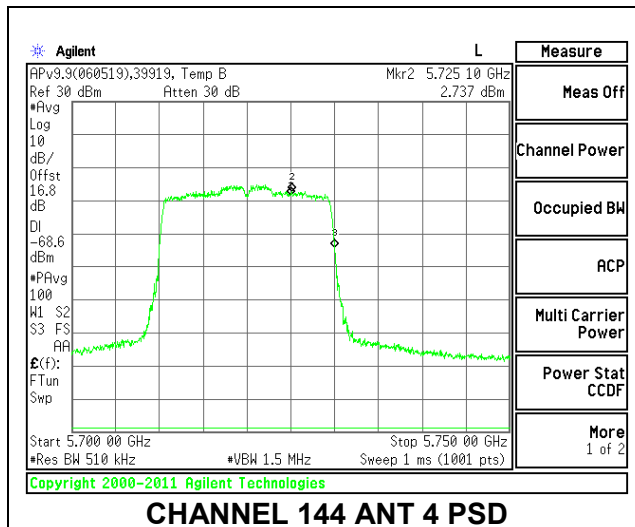
Output Power Results

Channel	Frequency (MHz)	ANT 4 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.15	21.17	24.17	30.00	-5.83
Mid	5785	21.21	21.17	24.20	30.00	-5.80
High	5825	21.18	21.22	24.21	30.00	-5.79
144	5720	10.54	10.37	13.47	30.00	-16.53

PSD Results

Channel	Frequency (MHz)	ANT 4 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	8.842	8.857	11.860	30.00	-18.14
Mid	5785	9.228	8.767	12.014	30.00	-17.99
High	5825	8.938	9.315	12.141	30.00	-17.86
144	5720	2.737	2.490	5.626	30.00	-24.37





2TX Antenna 4 + Antenna 5 OFDMA MODE (FCC+IC) – 26 Tones, RU Index 0**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-2.74	0.19	30.00	30.00
Mid	5785	-2.74	0.19	30.00	30.00
High	5825	-2.74	0.19	30.00	30.00
144	5720	-2.74	0.19	30.00	30.00

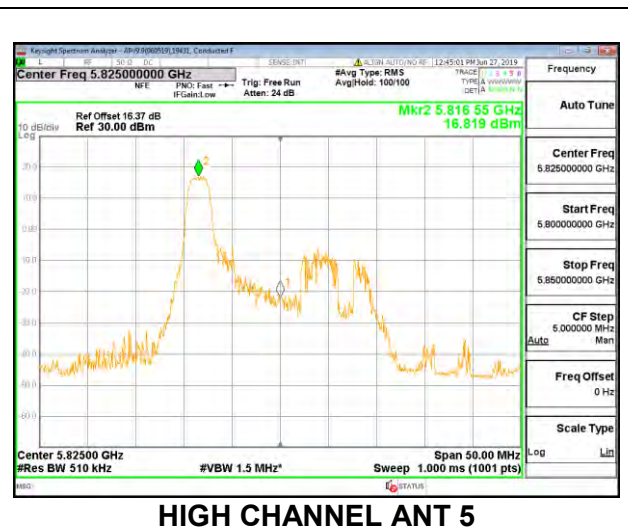
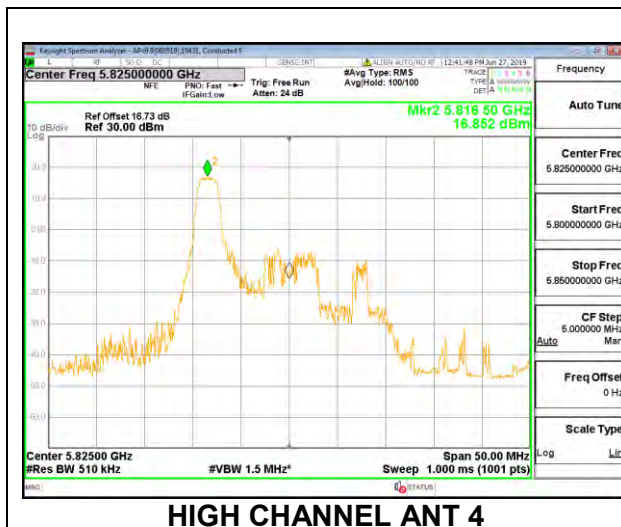
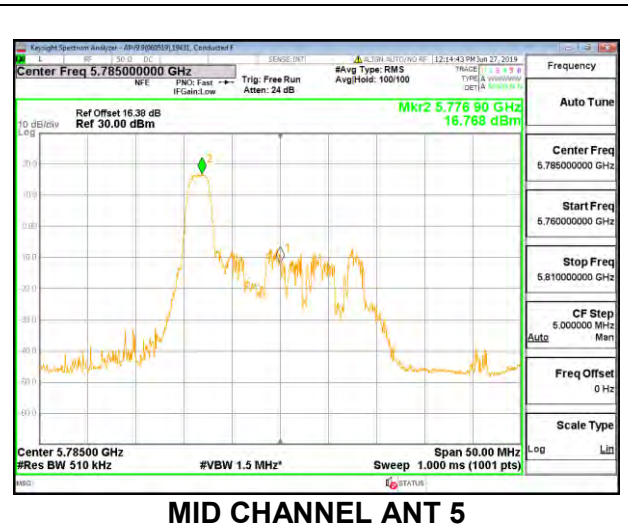
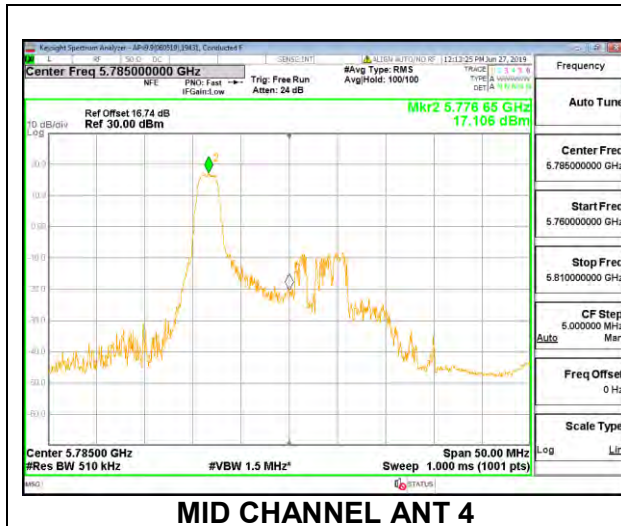
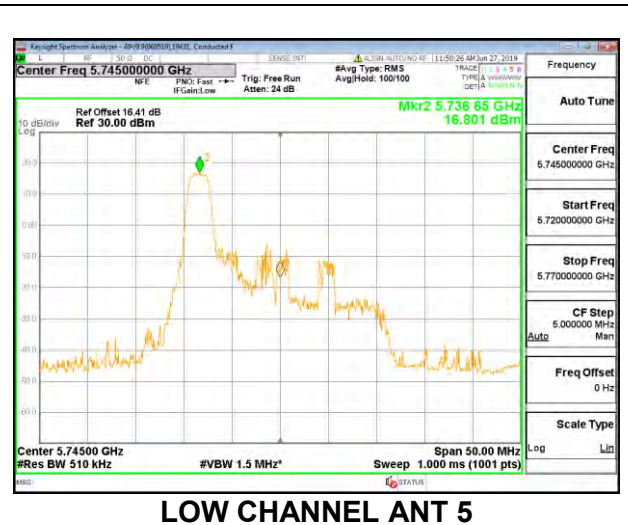
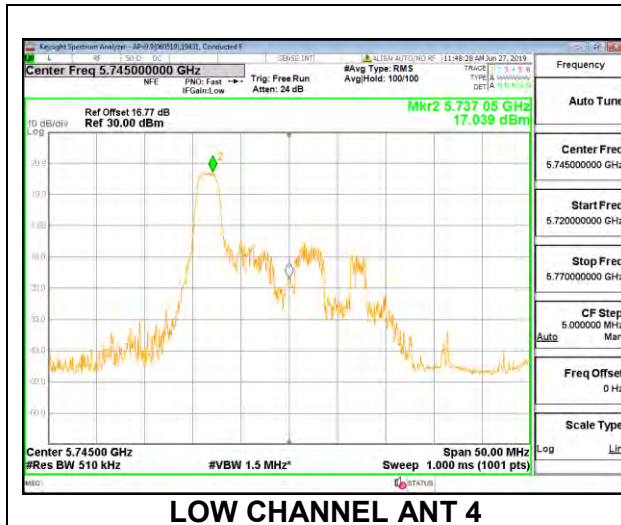
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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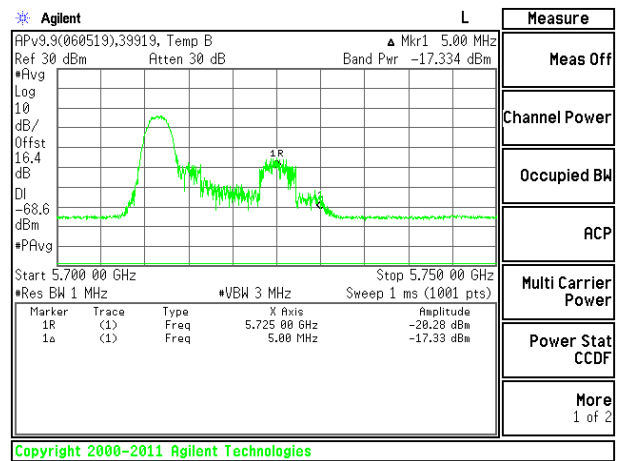
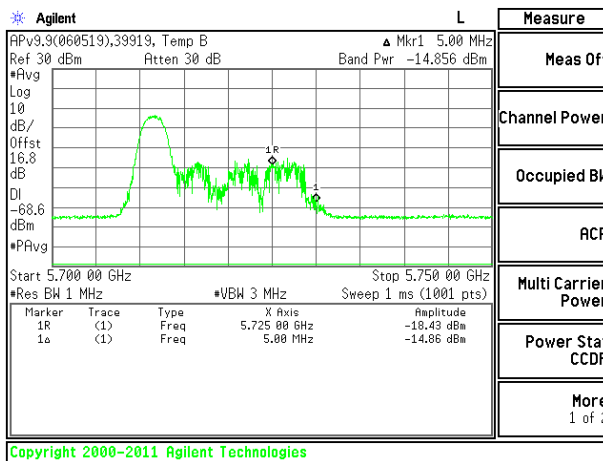
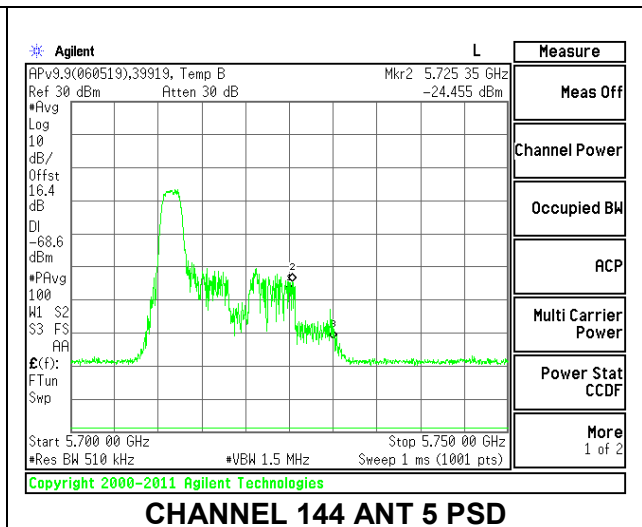
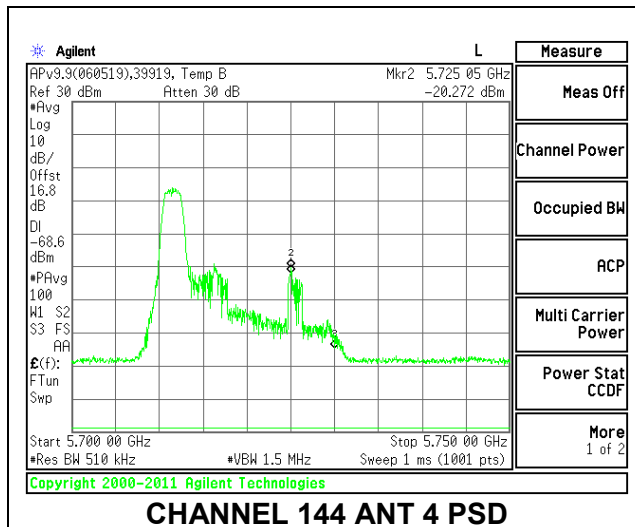
Output Power Results

Channel	Frequency (MHz)	ANT 4 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.23	21.16	24.21	30.00	-5.79
Mid	5785	21.24	21.18	24.22	30.00	-5.78
High	5825	21.17	21.14	24.17	30.00	-5.83
144	5720	-14.86	-17.33	-12.91	30.00	-42.91

PSD Results

Channel	Frequency (MHz)	ANT 4 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	17.039	16.801	19.932	30.00	-10.07
Mid	5785	17.106	16.768	19.951	30.00	-10.05
High	5825	16.852	16.819	19.846	30.00	-10.15
144	5720	-20.272	-24.455	-18.868	30.00	-48.87





2TX Antenna 4 + Antenna 5 OFDMA MODE (FCC+IC) – 26 Tones, RU Index 4**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-2.74	0.19	30.00	30.00
Mid	5785	-2.74	0.19	30.00	30.00
High	5825	-2.74	0.19	30.00	30.00
144	5720	-2.74	0.19	30.00	30.00

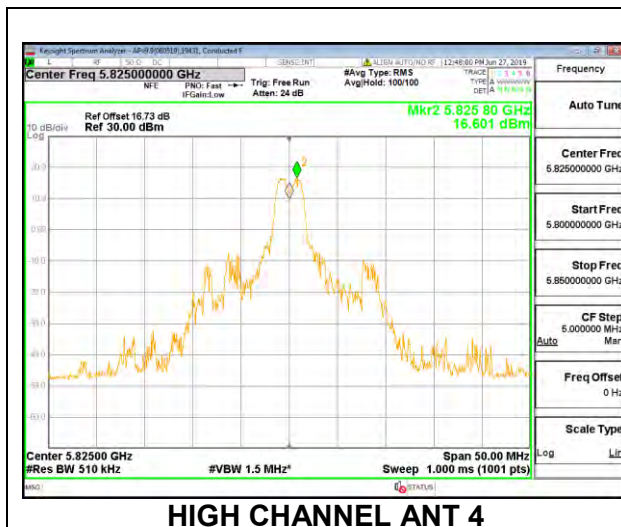
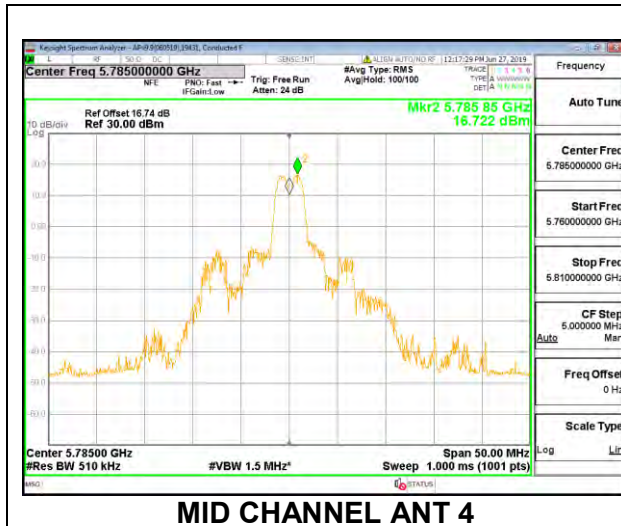
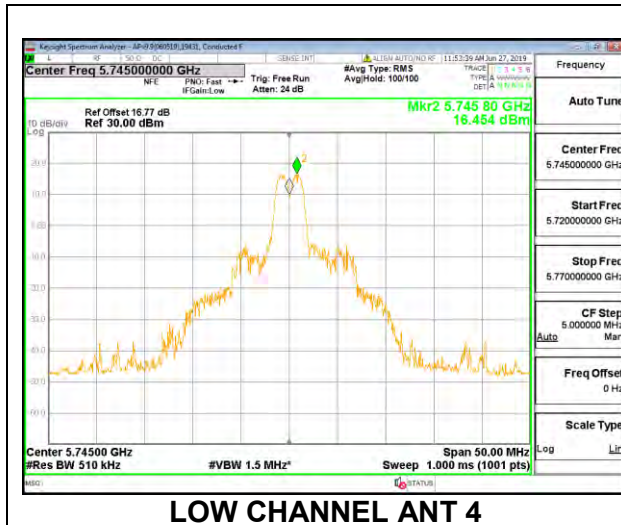
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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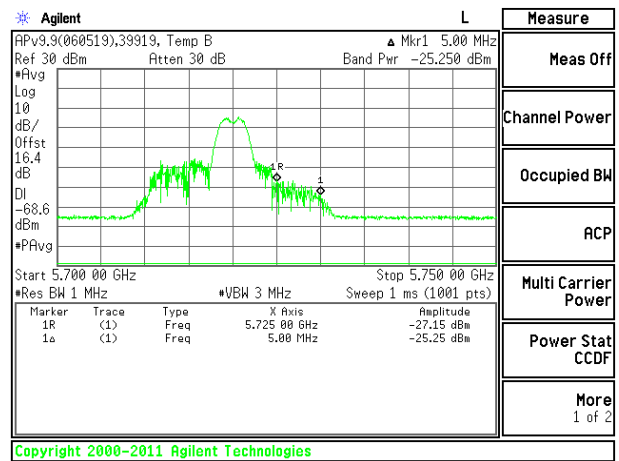
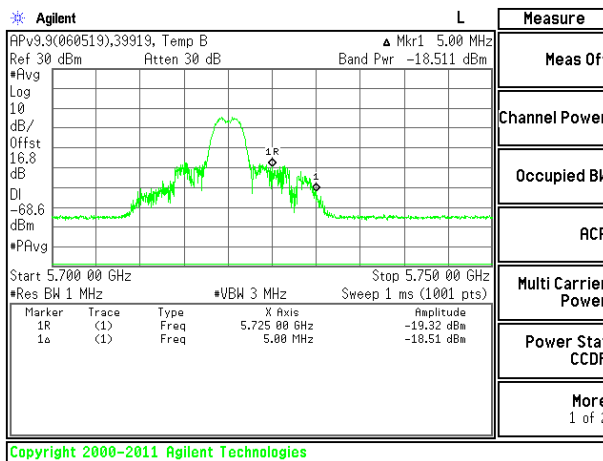
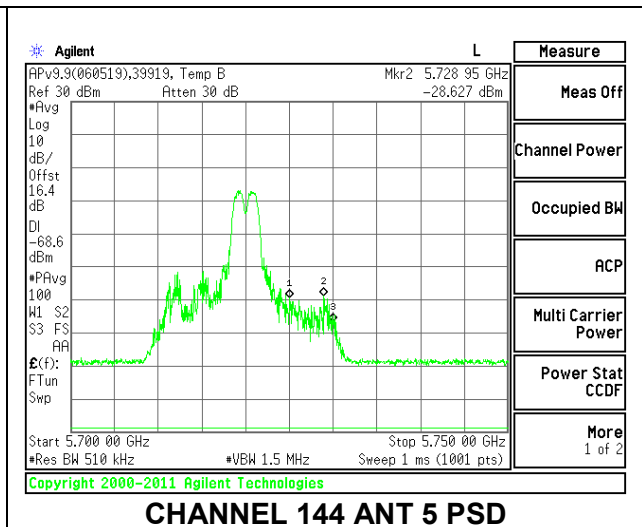
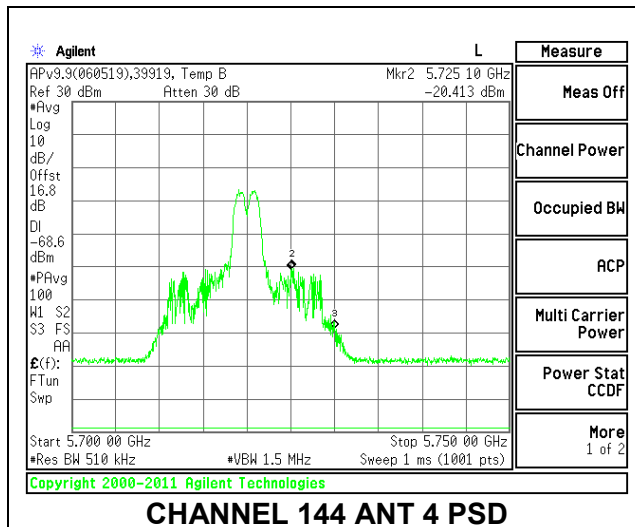
Output Power Results

Channel	Frequency (MHz)	ANT 4 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.15	21.19	24.18	30.00	-5.82
Mid	5785	21.16	21.18	24.18	30.00	-5.82
High	5825	21.14	21.17	24.17	30.00	-5.83
144	5720	-18.51	-25.25	-17.68	30.00	-47.68

PSD Results

Channel	Frequency (MHz)	ANT 4 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	16.454	16.540	19.508	30.00	-10.49
Mid	5785	16.722	16.877	19.810	30.00	-10.19
High	5825	16.601	16.667	19.644	30.00	-10.36
144	5720	-20.413	-28.627	-19.803	30.00	-49.80





2TX Antenna 4 + Antenna 5 OFDMA MODE (FCC+IC) – 26 Tones, RU Index 8**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-2.74	0.19	30.00	30.00
Mid	5785	-2.74	0.19	30.00	30.00
High	5825	-2.74	0.19	30.00	30.00
144	5720	-2.74	0.19	30.00	30.00

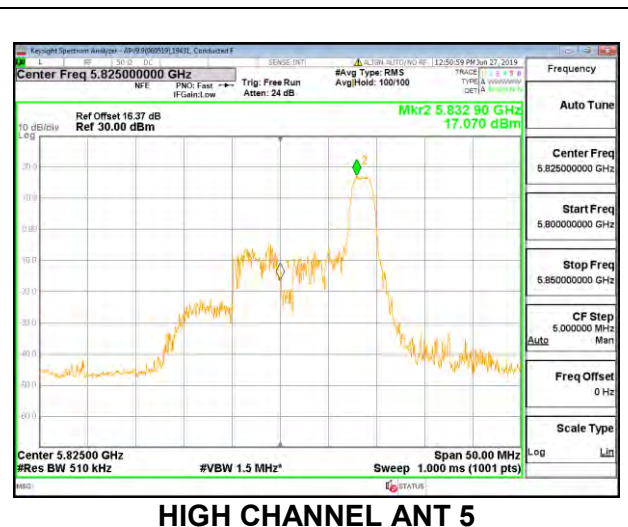
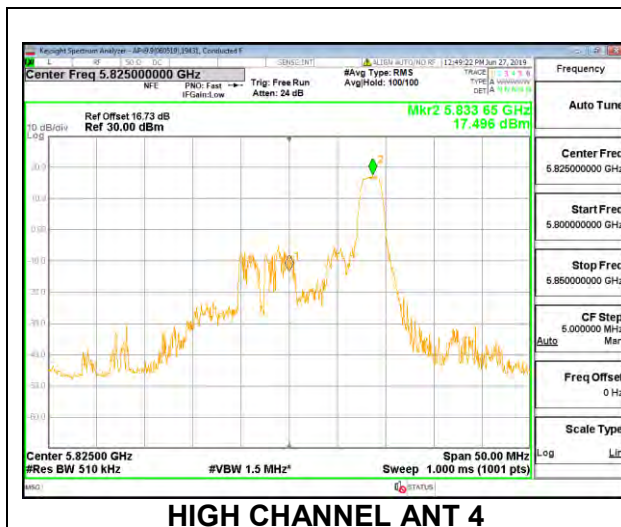
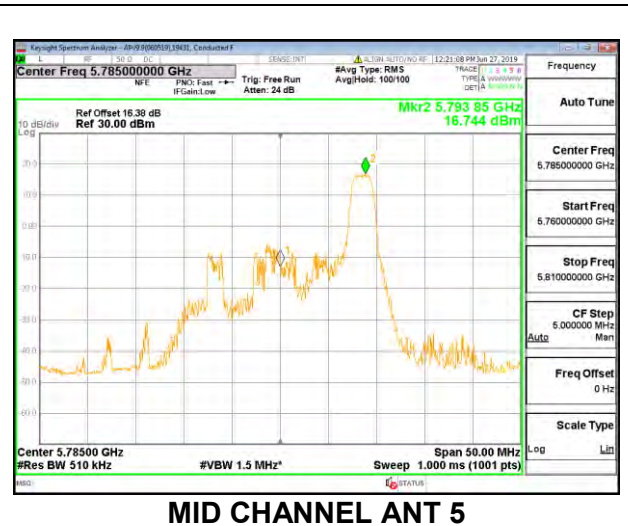
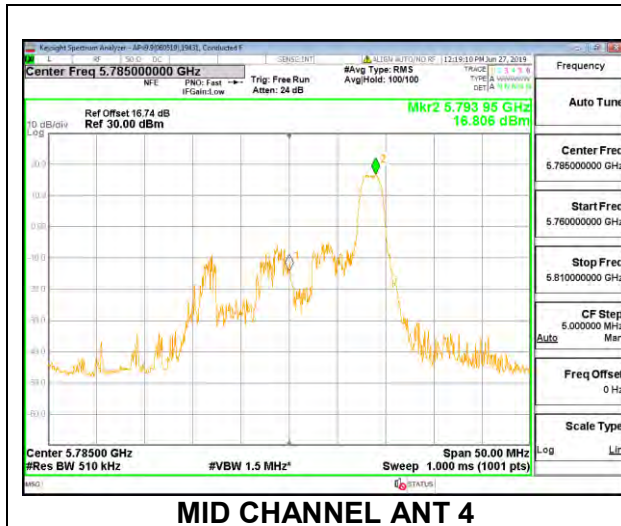
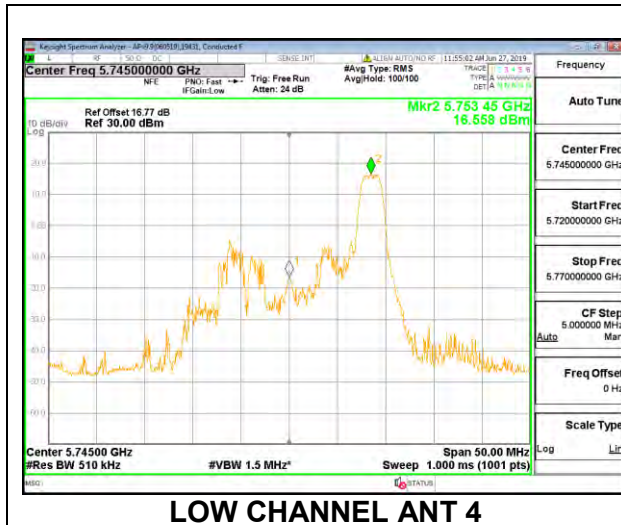
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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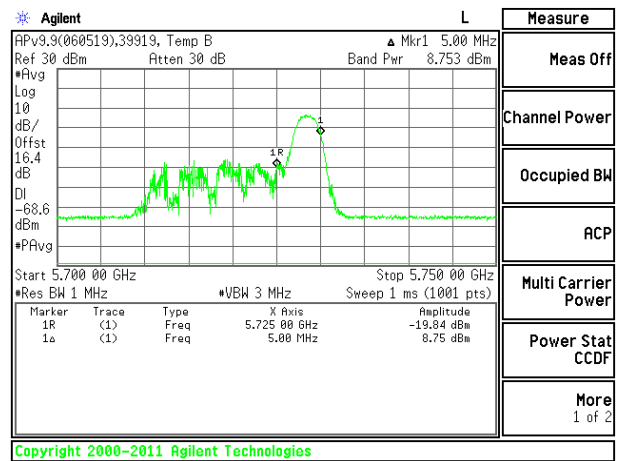
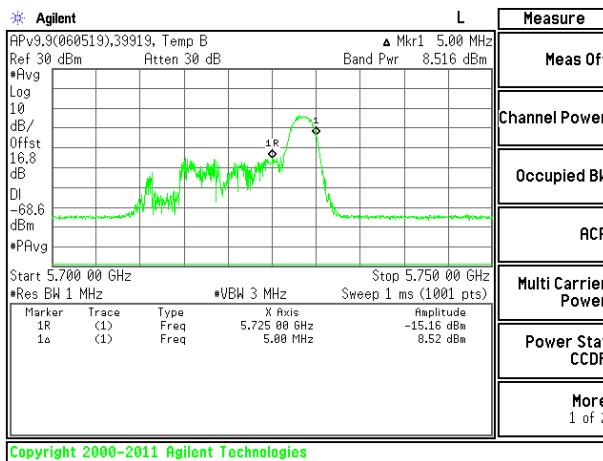
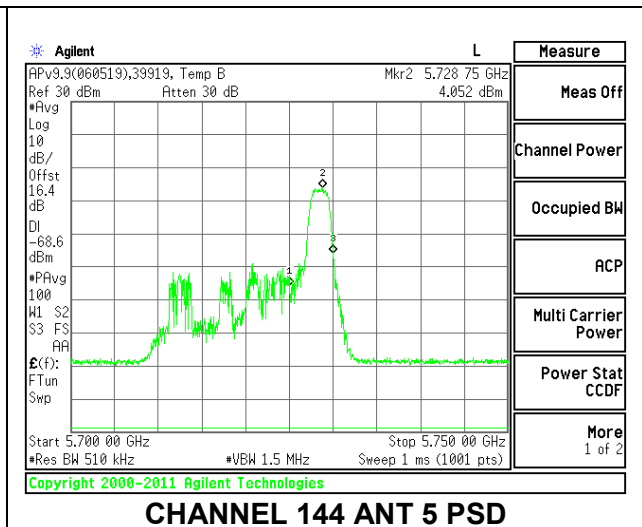
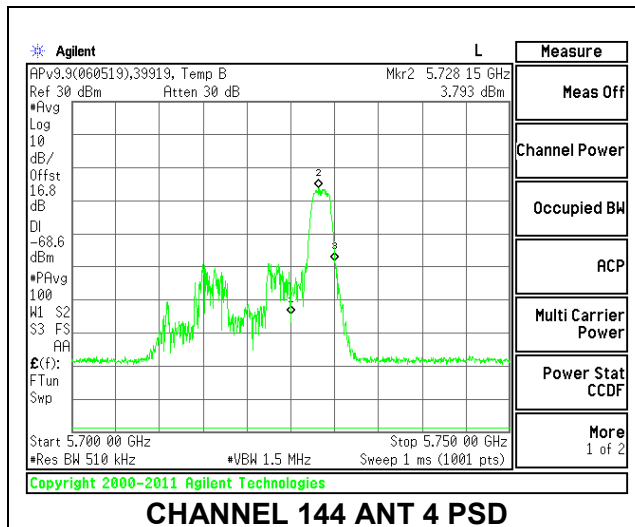
Output Power Results

Channel	Frequency (MHz)	ANT 4 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.21	21.15	24.19	30.00	-5.81
Mid	5785	21.24	21.18	24.22	30.00	-5.78
High	5825	21.20	21.17	24.20	30.00	-5.80
144	5720	8.52	8.75	11.65	30.00	-18.35

PSD Results

Channel	Frequency (MHz)	ANT 4 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	16.558	16.748	19.664	30.00	-10.34
Mid	5785	16.806	16.744	19.785	30.00	-10.21
High	5825	17.496	17.070	20.299	30.00	-9.70
144	5720	3.793	4.052	6.935	30.00	-23.07





8.5.23. 802.11ax HE40 MODE IN THE 5.8 GHz BAND

1TX Antenna 4 MODE (FCC+IC) – 484 Tones, RU Index 65

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-4.1	30.00	30.00
High	5795	-4.1	30.00	30.00
142	5710	-4.1	30.00	30.00

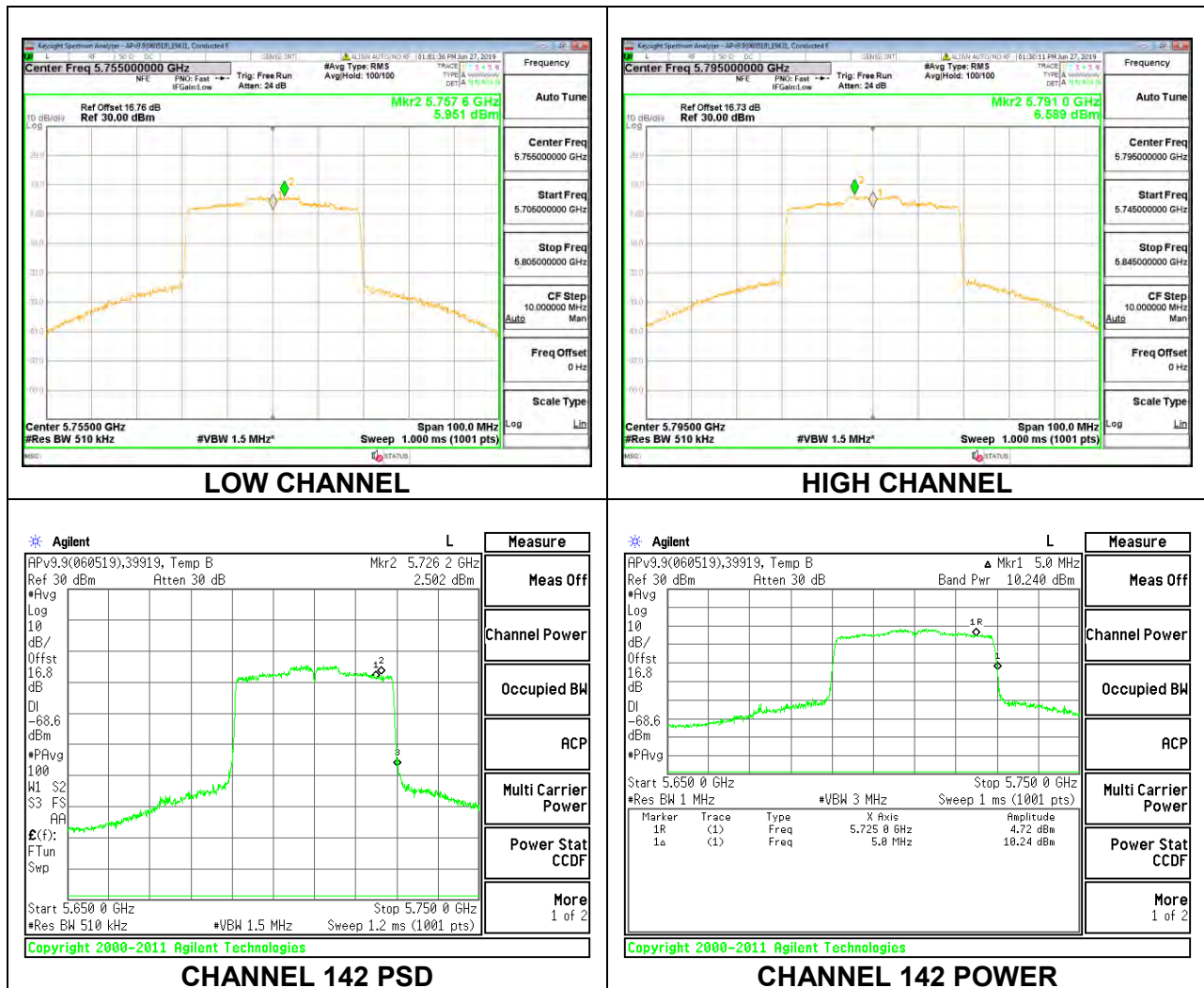
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.13	21.13	30.00	-8.87
High	5795	21.19	21.19	30.00	-8.81
142	5710	10.24	10.24	30.00	-19.76

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	5.951	5.951	30.00	-24.05
High	5795	6.589	6.589	30.00	-23.41
142	5710	2.502	2.502	30.00	-27.50



1TX Antenna 4 MODE (FCC+IC) – 26 Tones, RU Index 0**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-4.1	30.00	30.00
High	5795	-4.1	30.00	30.00
142	5710	-4.1	30.00	30.00

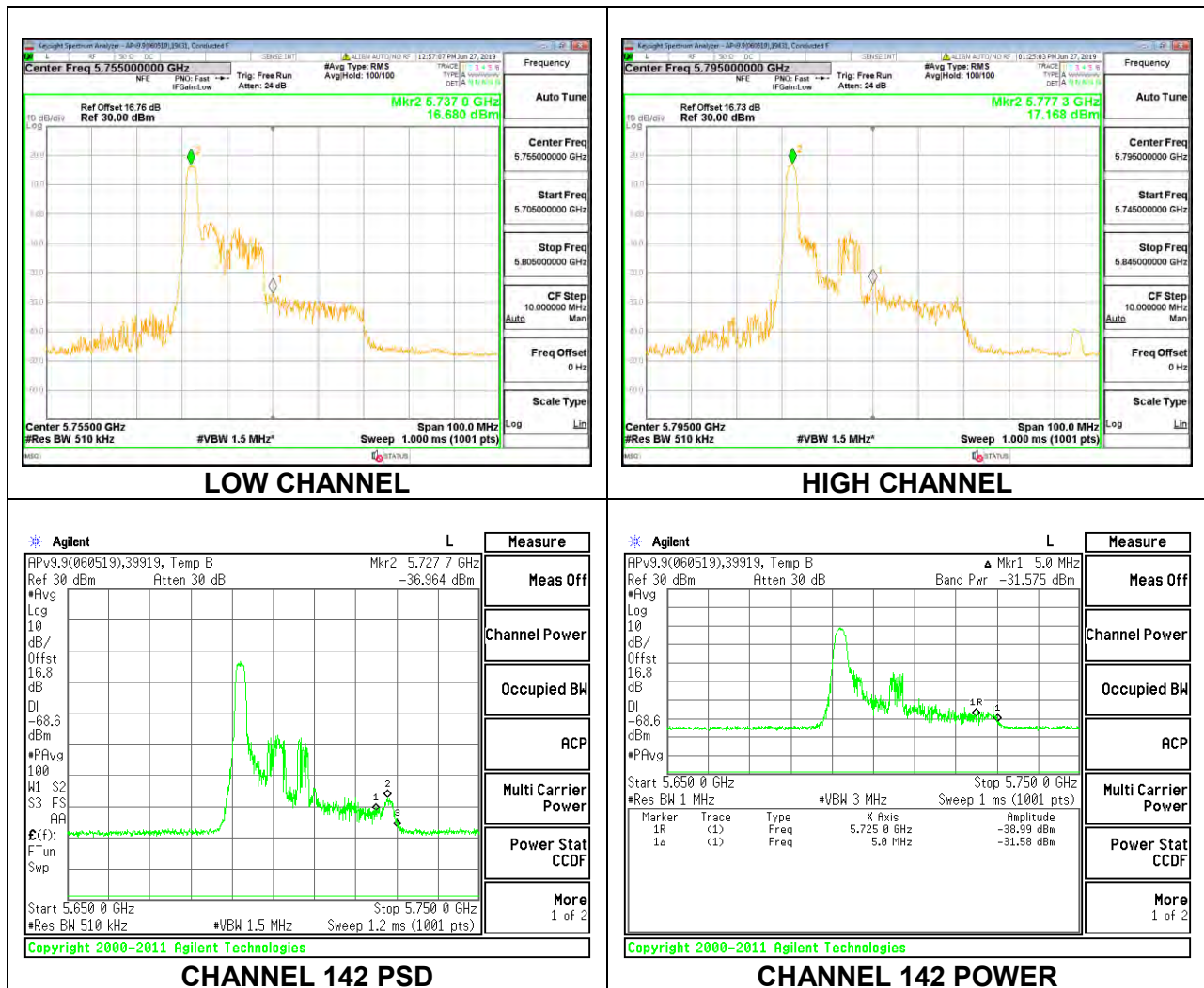
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.16	21.16	30.00	-8.84
High	5795	21.21	21.21	30.00	-8.79
142	5710	-31.58	-31.58	30.00	-61.58

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	16.680	16.680	30.00	-13.32
High	5795	17.168	17.168	30.00	-12.83
142	5710	-36.964	-36.964	30.00	-66.96



1TX Antenna 4 MODE (FCC+IC) – 26 Tones, RU Index 8**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-4.1	30.00	30.00
High	5795	-4.1	30.00	30.00
142	5710	-4.1	30.00	30.00

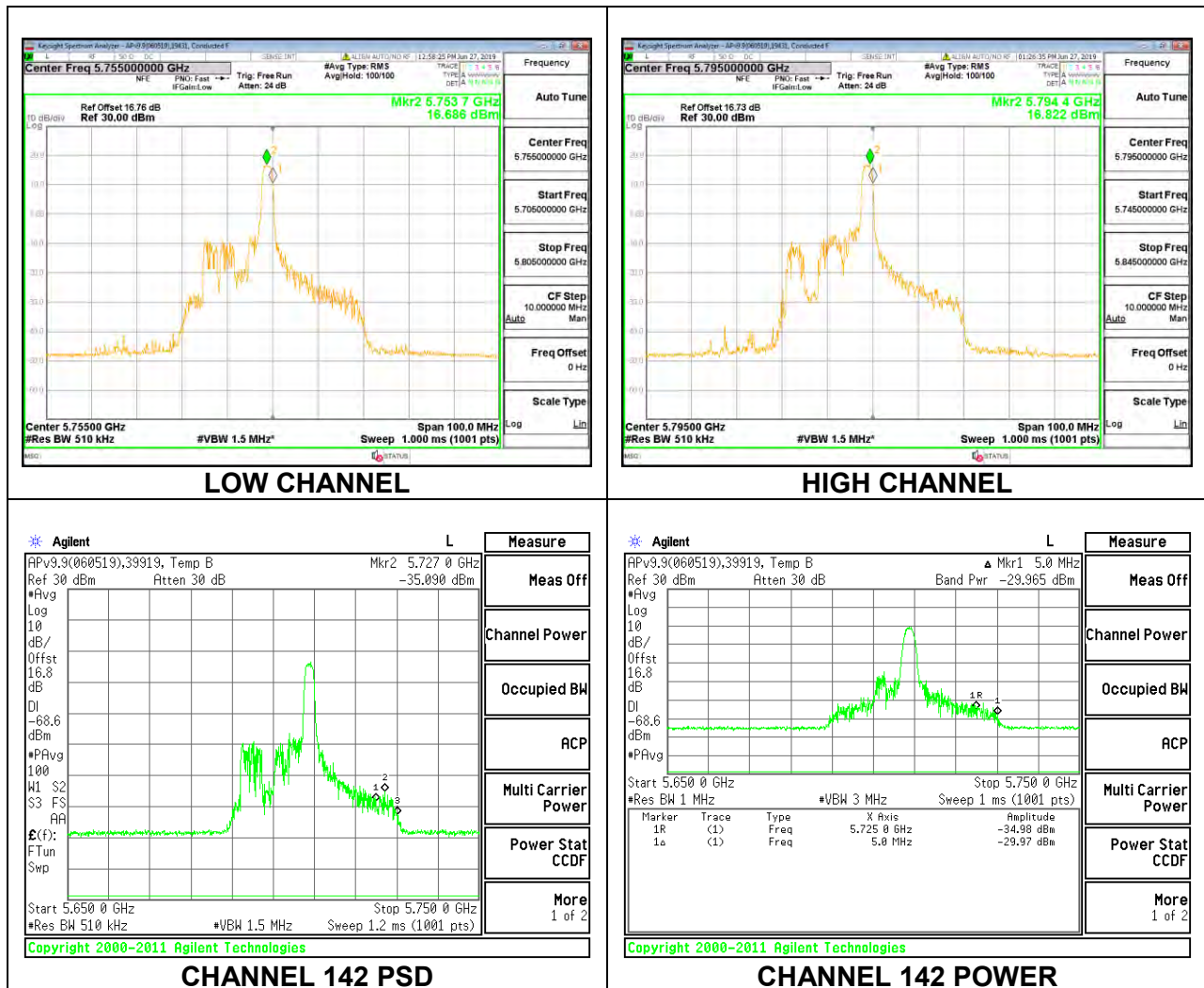
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.17	21.17	30.00	-8.83
High	5795	21.20	21.20	30.00	-8.80
142	5710	-29.97	-29.97	30.00	-59.97

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	16.686	16.686	30.00	-13.31
High	5795	16.822	16.822	30.00	-13.18
142	5710	-35.090	-35.090	30.00	-65.09



1TX Antenna 4 MODE (FCC+IC) – 26 Tones, RU Index 17**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-4.1	30.00	30.00
High	5795	-4.1	30.00	30.00
142	5710	-4.1	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	5755	21.17	21.17	30.00	-8.83
High	5795	21.23	21.23	30.00	-8.77
142	5710	12.99	12.99	30.00	-17.01

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	16.668	16.668	30.00	-13.33
High	5795	16.916	16.916	30.00	-13.08
142	5710	7.797	7.797	30.00	-22.20



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

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-1.7	30.00	30.00
High	5795	-1.7	30.00	30.00
142	5710	-1.7	30.00	30.00

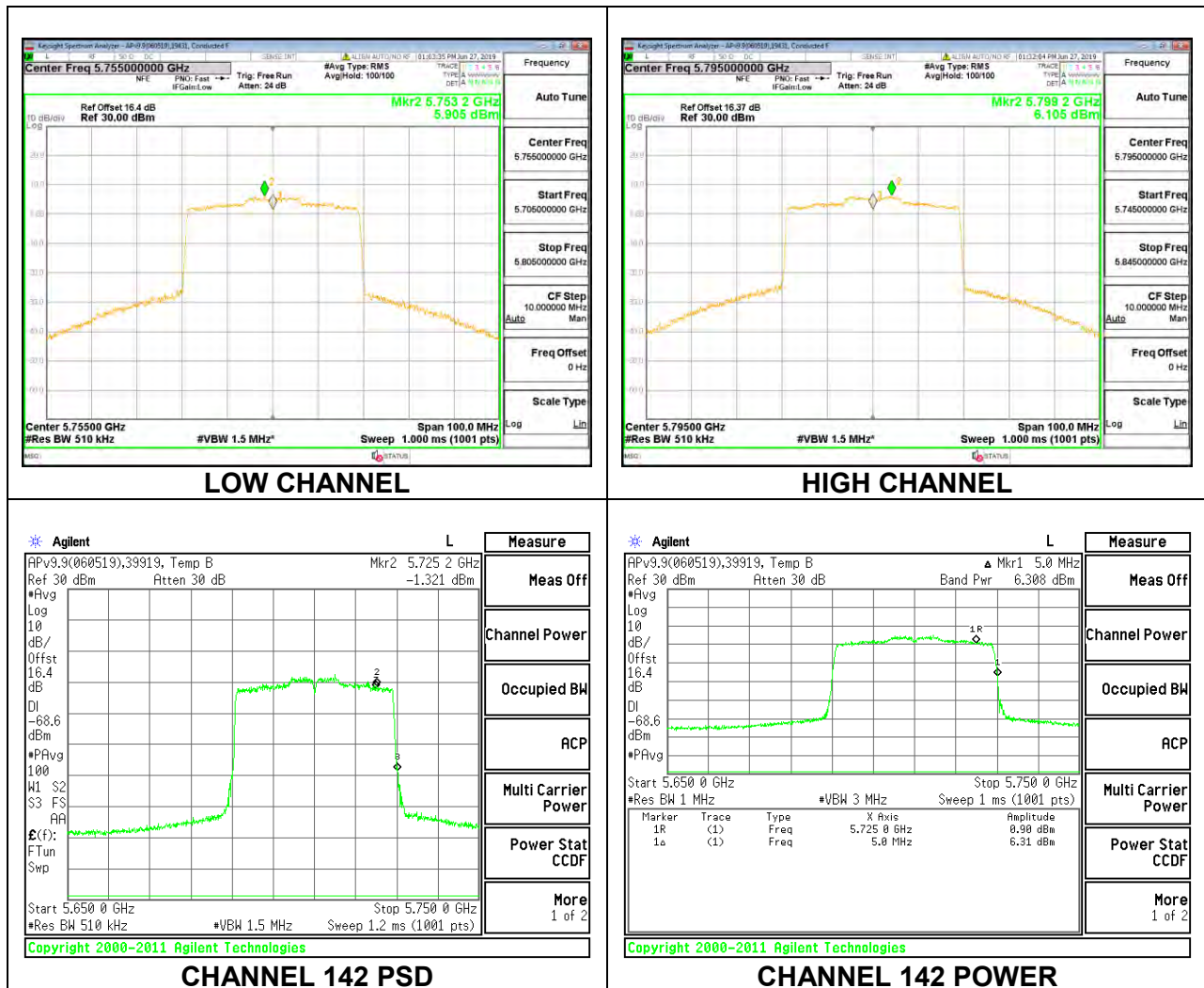
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.23	21.23	30.00	-8.77
High	5795	21.25	21.25	30.00	-8.75
142	5710	6.31	6.31	30.00	-23.69

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	5.905	5.905	30.00	-24.10
High	5795	6.105	6.105	30.00	-23.90
142	5710	-1.321	-1.321	30.00	-31.32



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

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-1.7	30.00	30.00
High	5795	-1.7	30.00	30.00
142	5710	-1.7	30.00	30.00

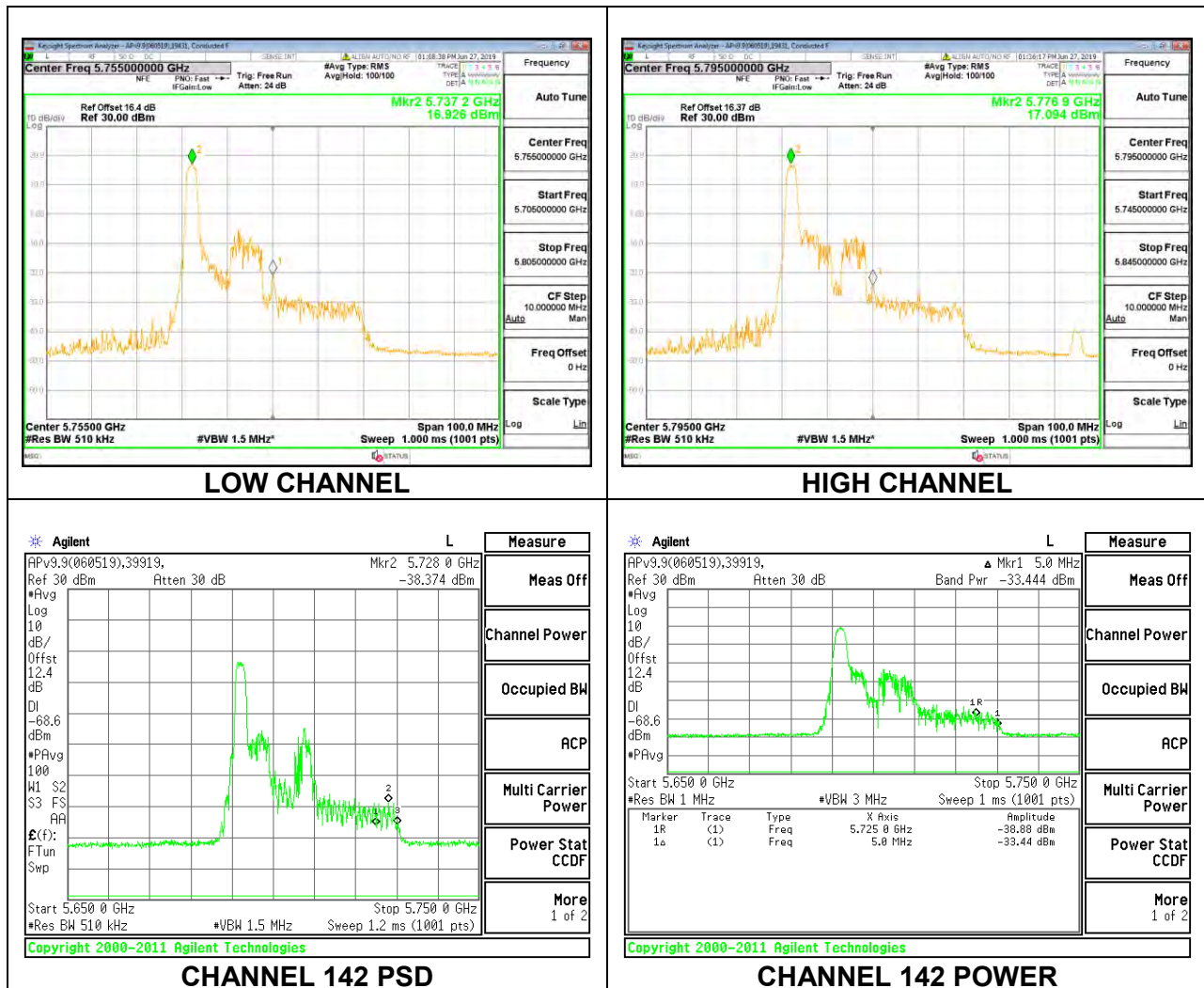
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.18	21.18	30.00	-8.82
High	5795	21.20	21.20	30.00	-8.80
142	5710	-33.44	-33.44	30.00	-63.44

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	16.926	16.926	30.00	-13.07
High	5795	17.084	17.084	30.00	-12.92
142	5710	-38.374	-38.374	30.00	-68.37



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

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-1.7	30.00	30.00
High	5795	-1.7	30.00	30.00
142	5710	-1.7	30.00	30.00

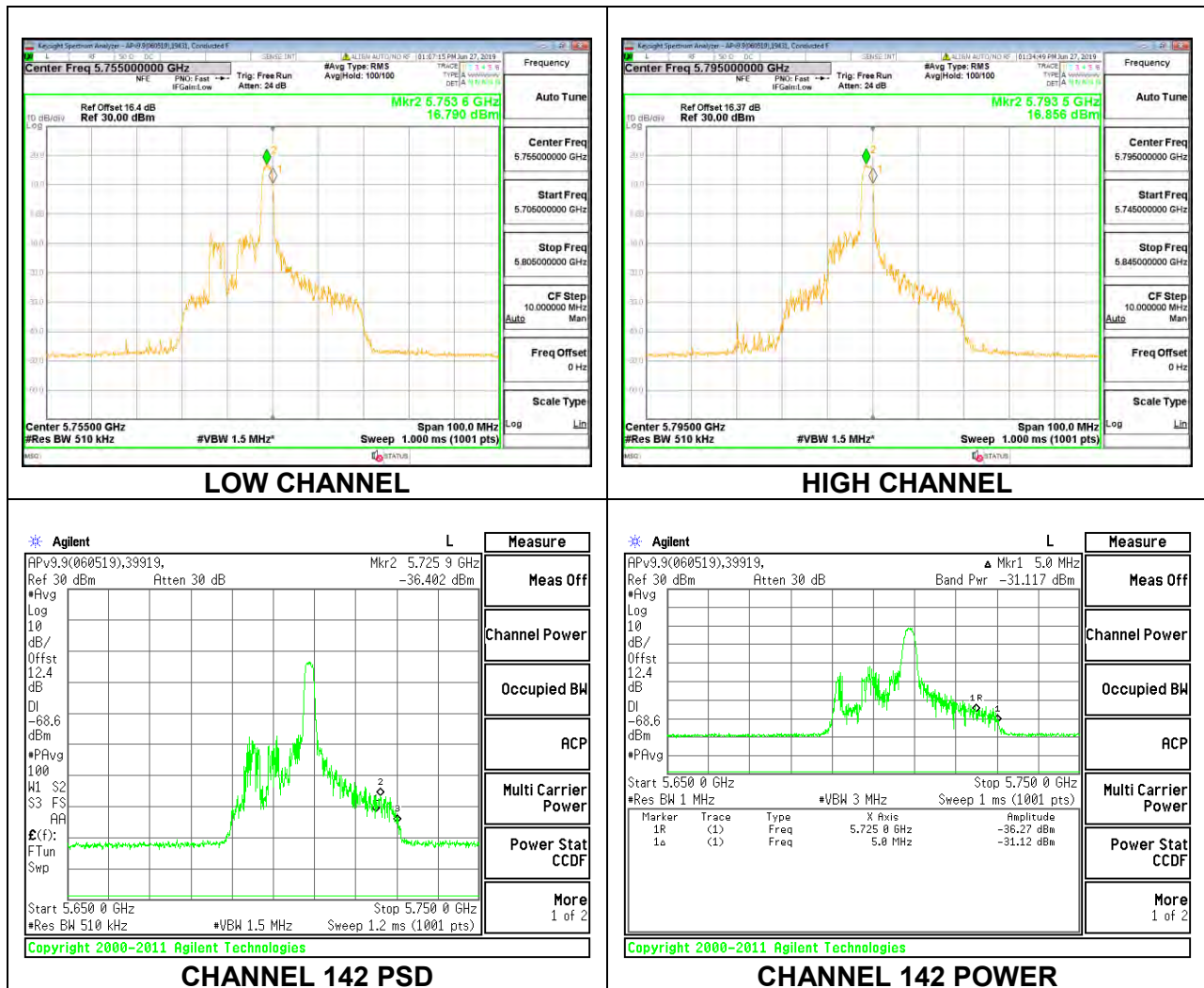
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.17	21.17	30.00	-8.83
High	5795	21.20	21.20	30.00	-8.80
142	5710	-31.12	-31.12	30.00	-61.12

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	16.790	16.790	30.00	-13.21
High	5795	16.856	16.856	30.00	-13.14
142	5710	-36.402	-36.402	30.00	-66.40



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

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-1.7	30.00	30.00
High	5795	-1.7	30.00	30.00
142	5710	-1.7	30.00	30.00

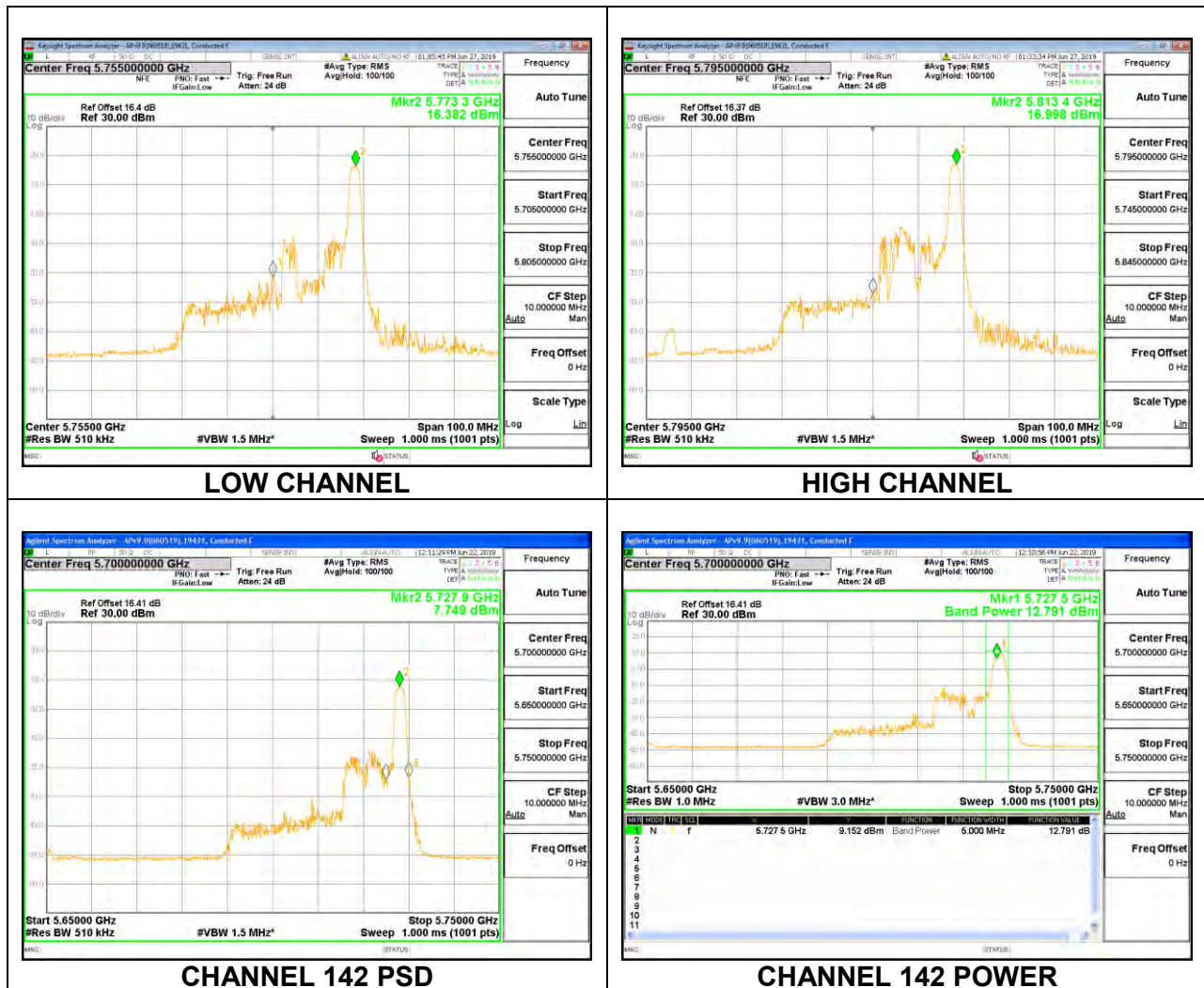
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.12	21.12	30.00	-8.88
High	5795	21.19	21.19	30.00	-8.81
142	5710	12.79	12.79	30.00	-17.21

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	16.382	16.382	30.00	-13.62
High	5795	16.998	16.998	30.00	-13.00
142	5710	7.749	7.749	30.00	-22.25



2TX Antenna 4 + Antenna 5 OFDMA MODE (FCC+IC) – 484 Tones, RU Index 65**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-2.74	0.19	30.00	30.00
High	5795	-2.74	0.19	30.00	30.00
142	5710	-2.74	0.19	30.00	30.00

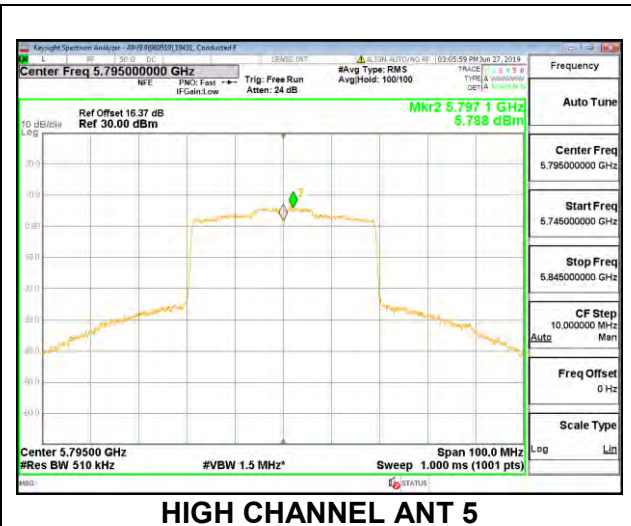
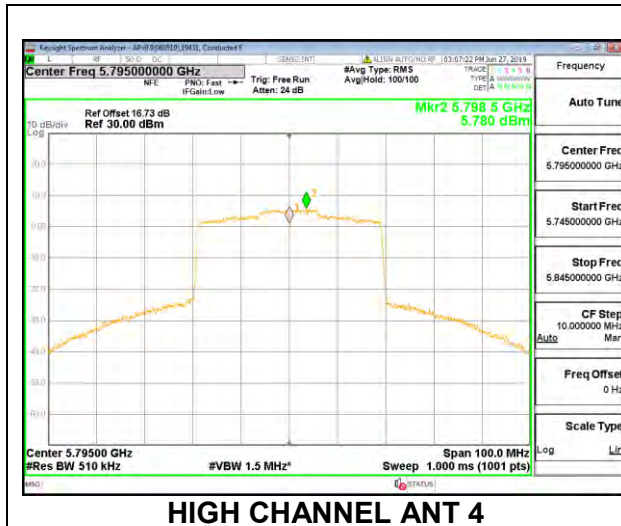
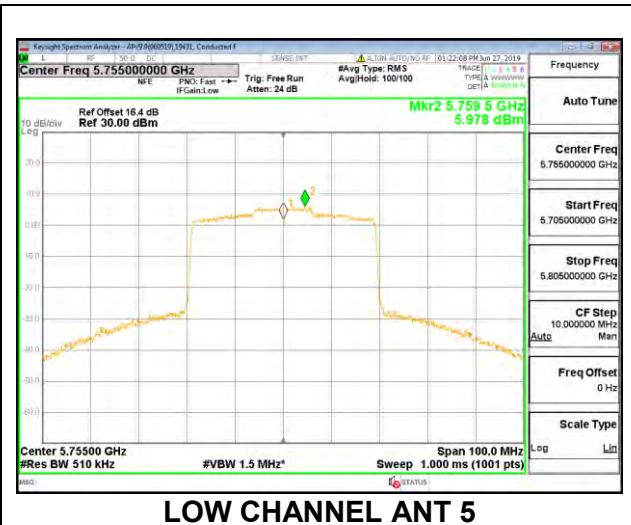
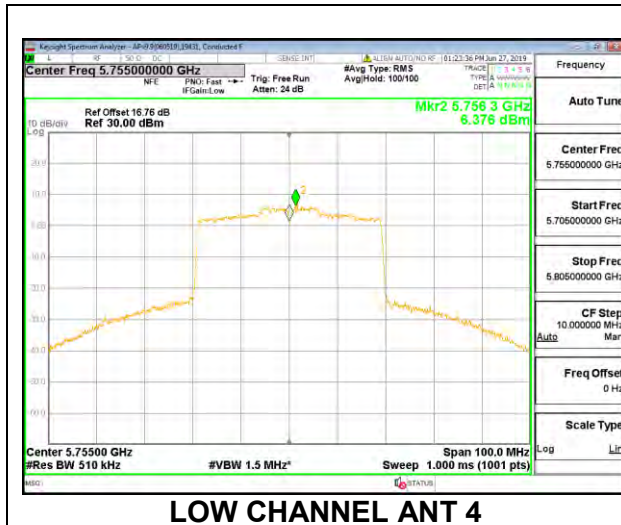
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power
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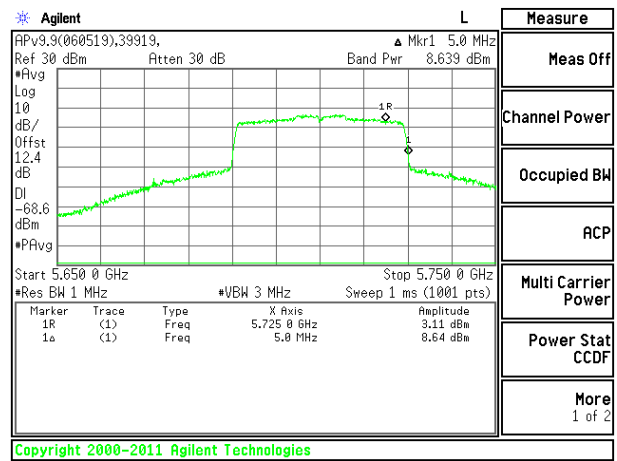
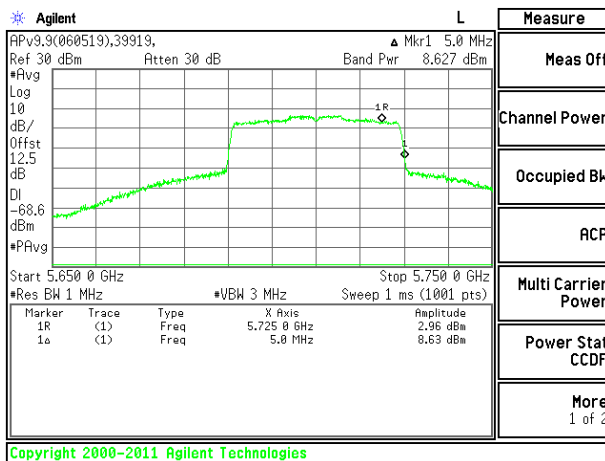
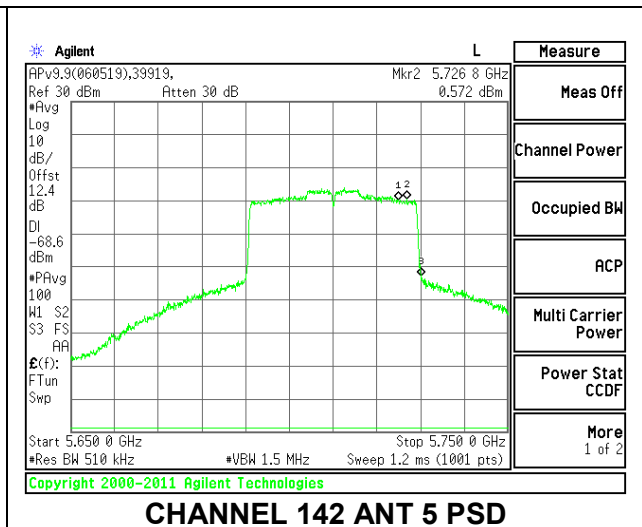
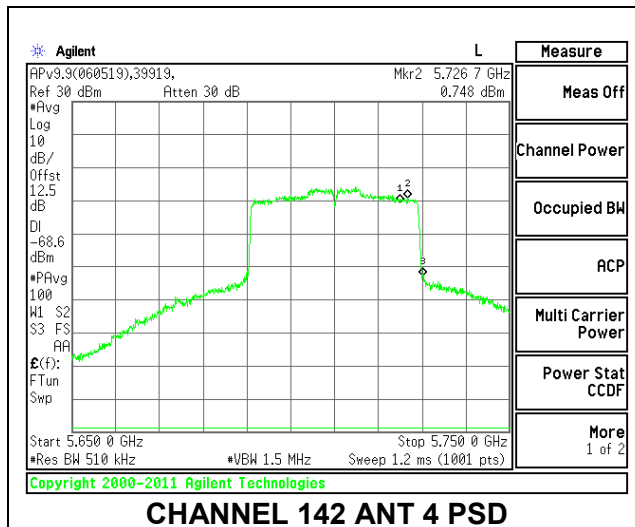
Output Power Results

Channel	Frequency (MHz)	ANT 4 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.20	21.19	24.21	30.00	-5.79
High	5795	21.14	21.13	24.15	30.00	-5.85
142	5710	8.63	8.64	11.64	30.00	-18.36

PSD Results

Channel	Frequency (MHz)	ANT 4 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	6.376	5.978	9.192	30.00	-20.81
High	5795	5.780	5.788	8.794	30.00	-21.21
142	5710	0.748	0.572	3.671	30.00	-26.33





2TX Antenna 4 + Antenna 5 OFDMA MODE (FCC+IC) – 26 Tones, RU Index 0**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-2.74	0.19	30.00	30.00
High	5795	-2.74	0.19	30.00	30.00
142	5710	-2.74	0.19	30.00	30.00

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

Channel	Frequency (MHz)	ANT 4 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.11	21.21	24.17	30.00	-5.83
High	5795	21.17	21.16	24.18	30.00	-5.82
142	5710	-34.82	-34.94	-31.87	30.00	-61.87

PSD Results

Channel	Frequency (MHz)	ANT 4 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	16.597	17.092	19.862	30.00	-10.14
High	5795	16.788	16.737	19.773	30.00	-10.23
142	5710	-41.038	-42.313	-38.619	30.00	-68.62

