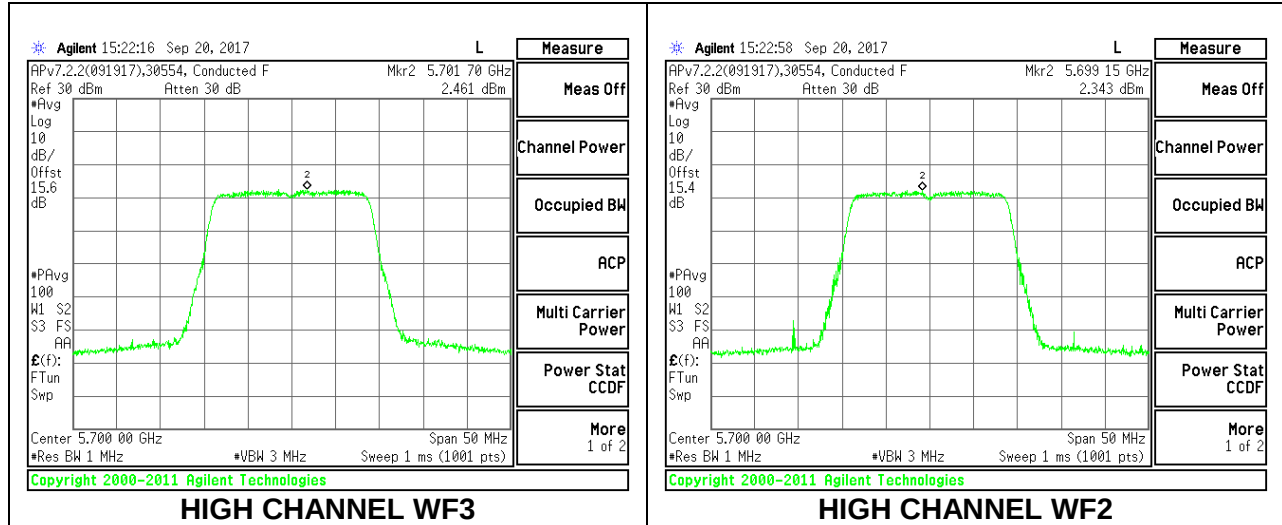
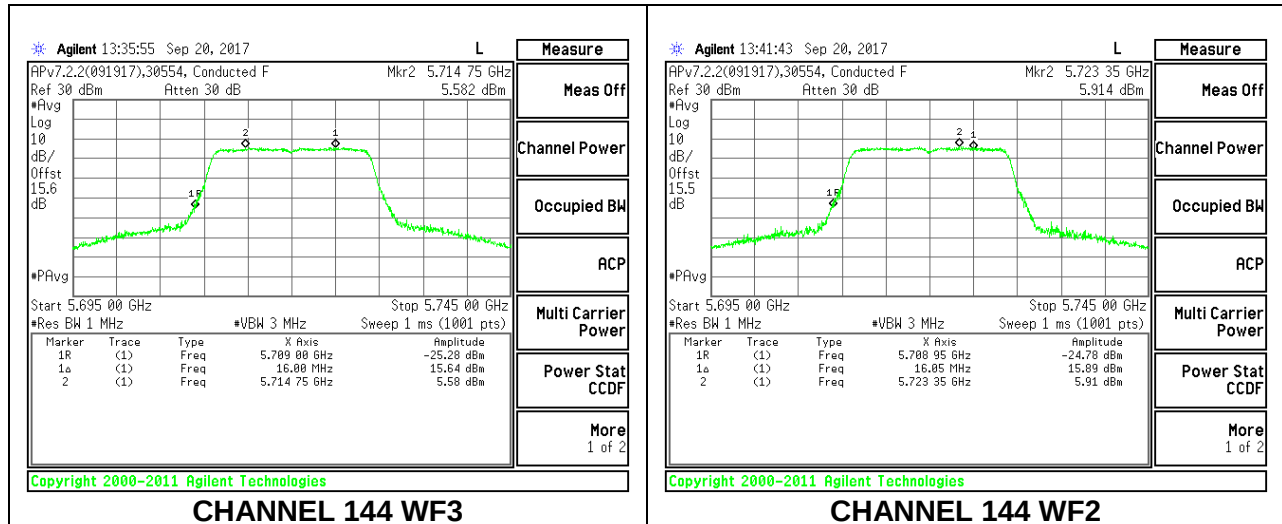


HIGH CHANNEL



CHANNEL 144



2TX Antenna WF3 + Antenna WF2 SDM Mode

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	21.75	17.78	2.99	2.99
Mid	5580	21.70	17.72	2.99	2.99
High	5700	21.85	17.78	2.99	2.99
144	5720	21.70	17.69	2.99	2.99

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
Low	5500	24.00	23.50	29.50	23.50	11.00	11.00	11.00
Mid	5580	24.00	23.48	29.48	23.48	11.00	11.00	11.00
High	5700	24.00	23.50	29.50	23.50	11.00	11.00	11.00
144	5720	24.00	23.48	29.48	23.48	11.00	11.00	11.00

Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd Power & PSD
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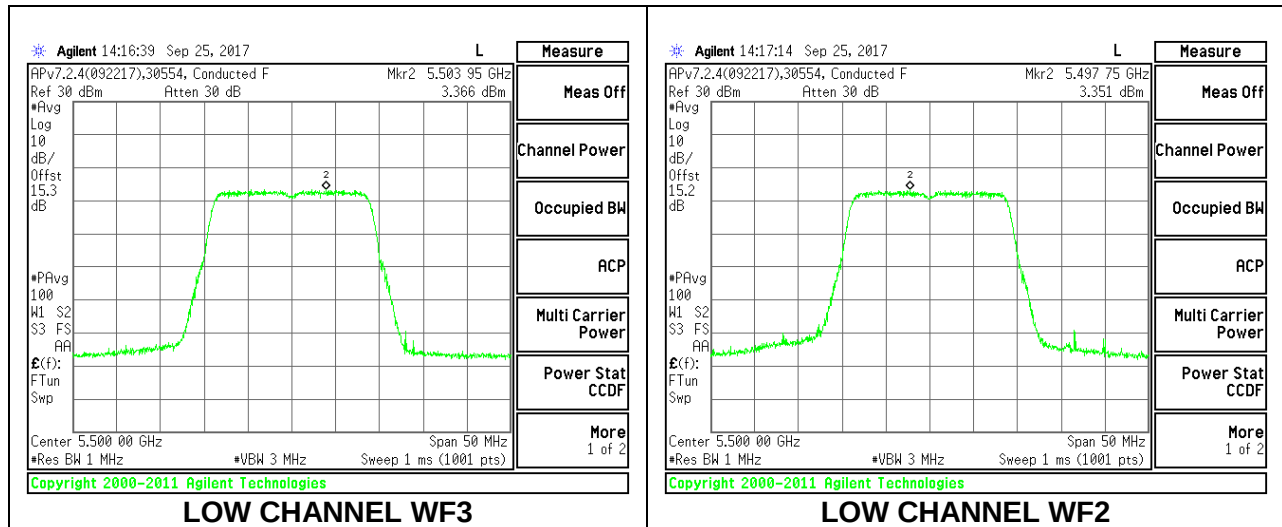
Output Power Results

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5500	14.23	14.15	17.20	23.50	-6.30
Mid	5580	16.72	16.69	19.72	23.48	-3.77
High	5700	13.69	13.74	16.73	23.50	-6.77
144	5720	15.69	15.76	18.97	23.48	-4.51

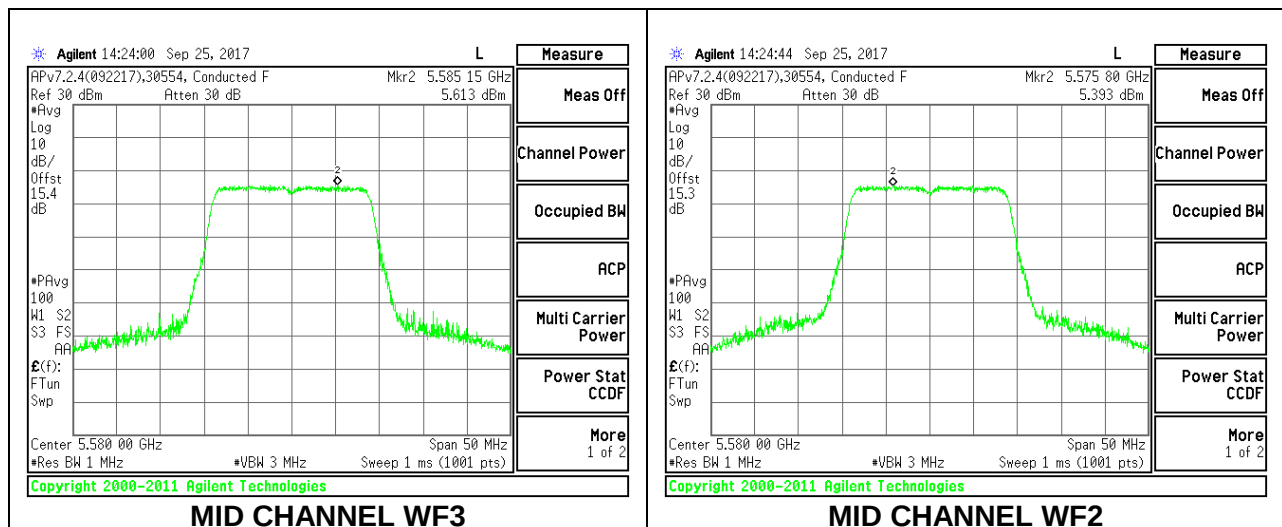
PSD Results

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margi (dB)
Low	5500	3.366	3.351	6.599	11.00	-4.40
Mid	5580	5.613	5.393	8.745	11.00	-2.26
High	5700	2.910	2.869	6.130	11.00	-4.87
144	5720	5.606	5.672	8.879	11.00	-2.12

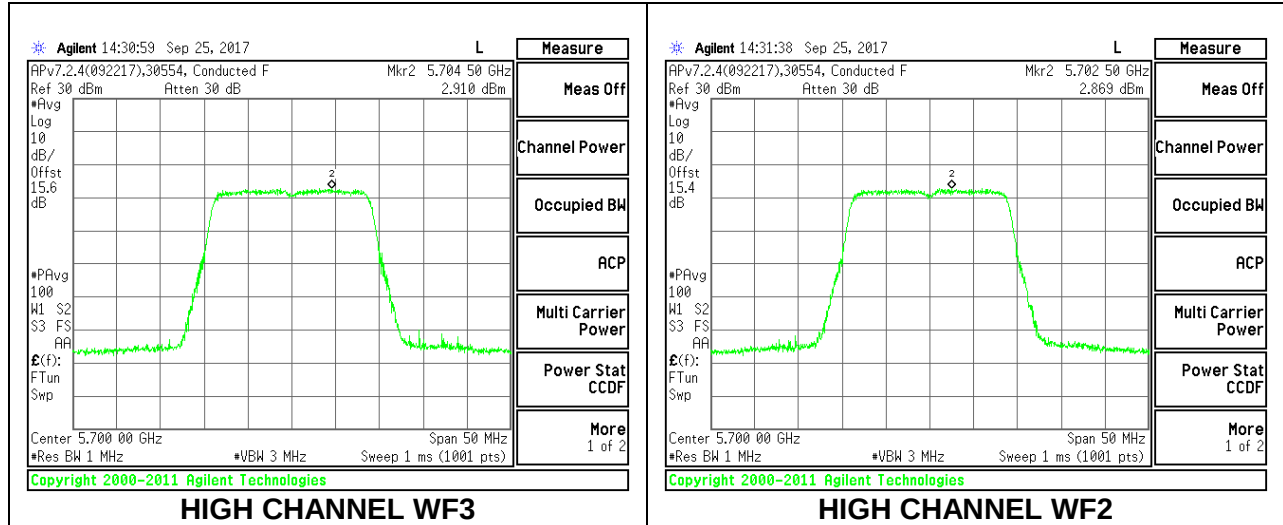
LOW CHANNEL



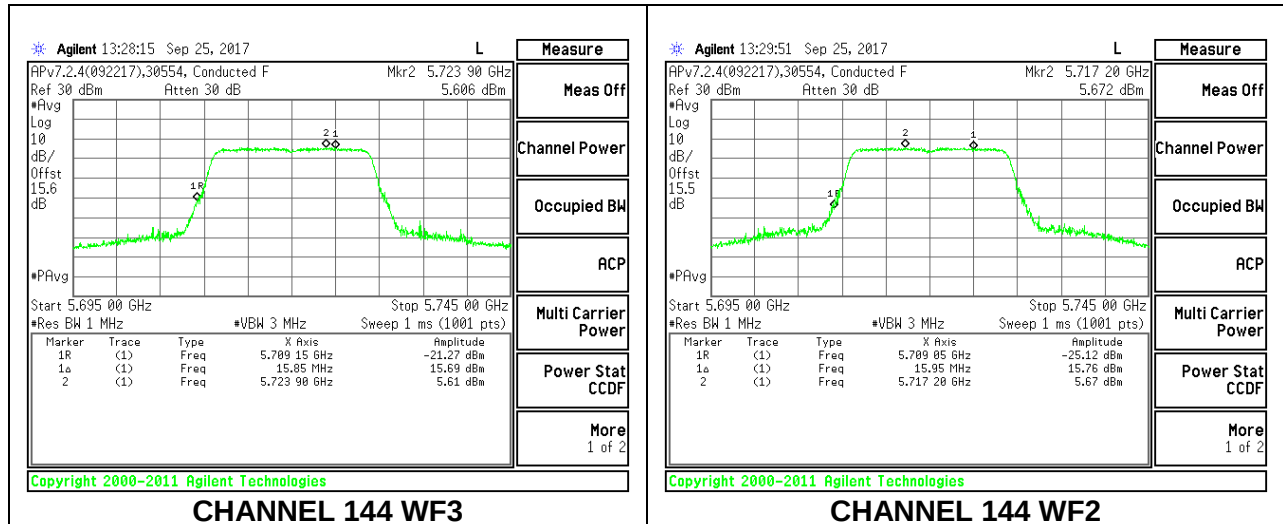
MID CHANNEL



HIGH CHANNEL



CHANNEL 144



2TX Antenna WF3 + Antenna WF2 BF Mode

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	21.65	17.68	5.88	5.88
Mid	5580	21.90	17.39	5.88	5.88
High	5700	21.60	16.94	5.88	5.88
144	5720	21.70	17.14	5.88	5.88

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
Low	5500	24.00	23.47	29.47	23.47	11.00	11.00	11.00
Mid	5580	24.00	23.40	29.40	23.40	11.00	11.00	11.00
High	5700	24.00	23.29	29.29	23.29	11.00	11.00	11.00
144	5720	24.00	23.34	29.34	23.34	11.00	11.00	11.00

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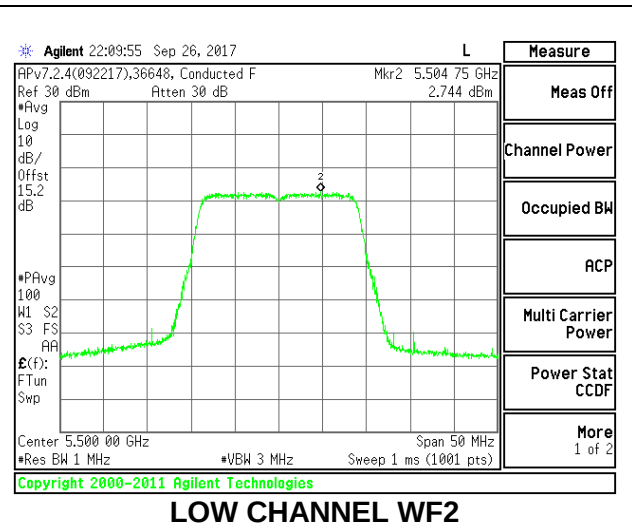
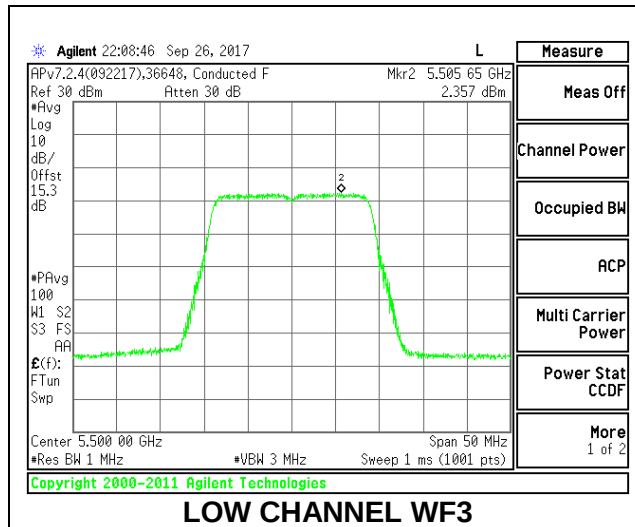
Output Power Results

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5500	13.72	13.68	16.71	23.47	-6.76
Mid	5580	16.59	16.71	19.66	23.40	-3.74
High	5700	12.13	12.22	15.19	23.29	-8.10
144	5720	15.73	15.60	18.80	23.34	-4.54

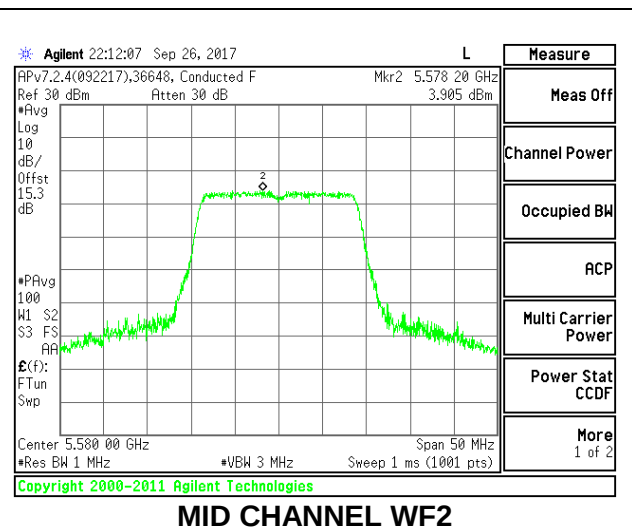
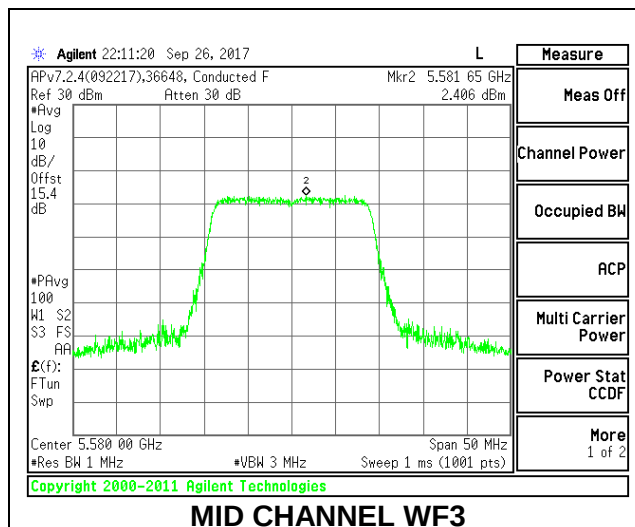
PSD Results

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margi (dB)
Low	5500	2.357	2.744	5.685	11.00	-5.31
Mid	5580	2.406	3.905	6.350	11.00	-4.65
High	5700	1.476	-0.295	3.810	11.00	-7.19
144	5720	6.039	5.404	8.863	11.00	-2.14

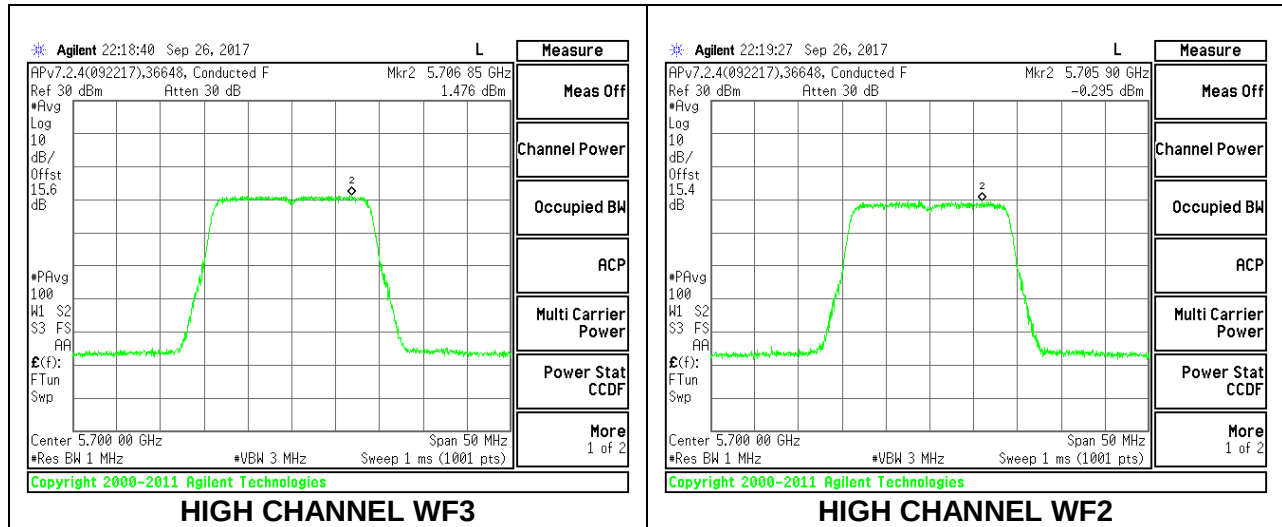
LOW CHANNEL



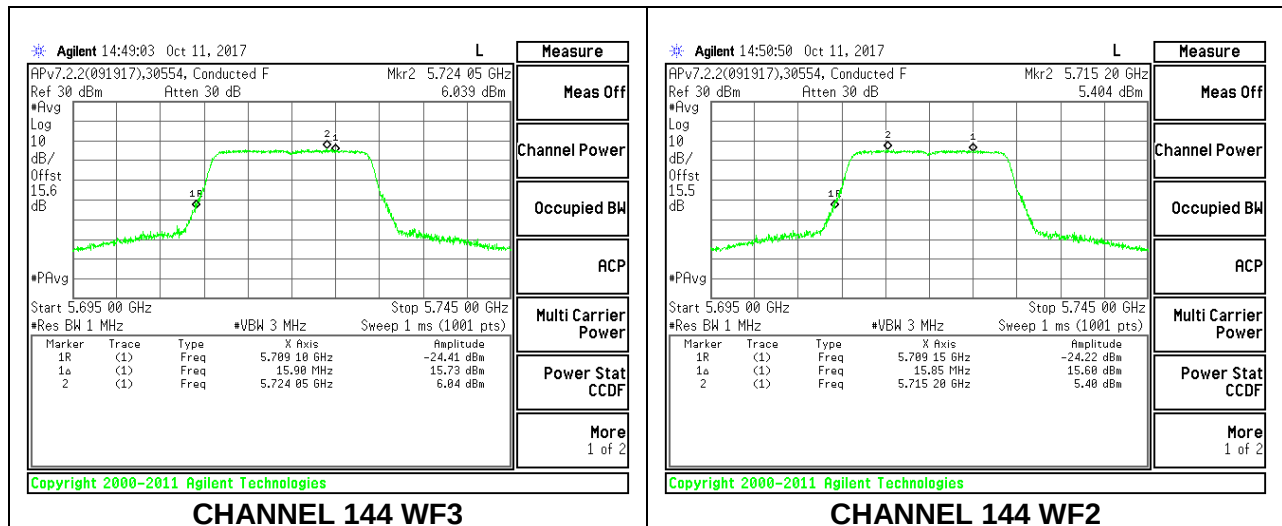
MID CHANNEL



HIGH CHANNEL



CHANNEL 144



3TX Antenna WF4 + Antenna WF3 + Antenna WF2 CDD Mode

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	21.90	17.63	2.63	7.30
Mid	5580	22.00	17.69	2.63	7.30
High	5700	22.00	17.58	2.63	7.30
144	5720	22.00	17.66	2.63	7.30

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
Low	5500	24.00	23.46	29.46	23.46	9.70	11.00	9.70
Mid	5580	24.00	23.48	29.48	23.48	9.70	11.00	9.70
High	5700	24.00	23.45	29.45	23.45	9.70	11.00	9.70
144	5720	24.00	23.47	29.47	23.47	9.70	11.00	9.70

Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd Power & PSD
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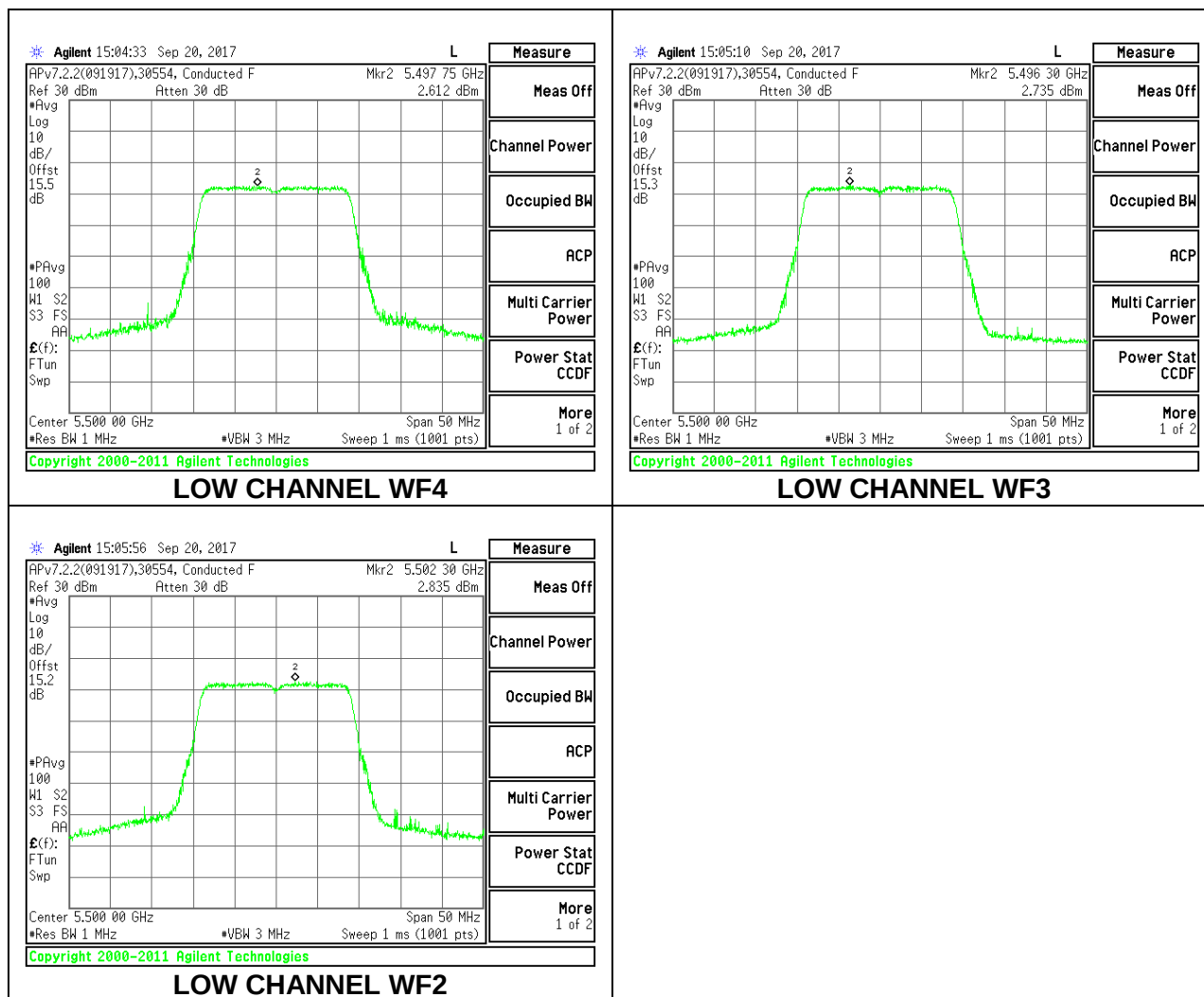
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	13.72	13.69	13.70	18.47	23.46	-4.99
Mid	5580	13.65	13.60	13.74	18.43	23.48	-5.04
High	5700	13.20	13.25	13.19	17.98	23.45	-5.47
144	5720	12.70	12.91	12.83	17.82	23.47	-5.66

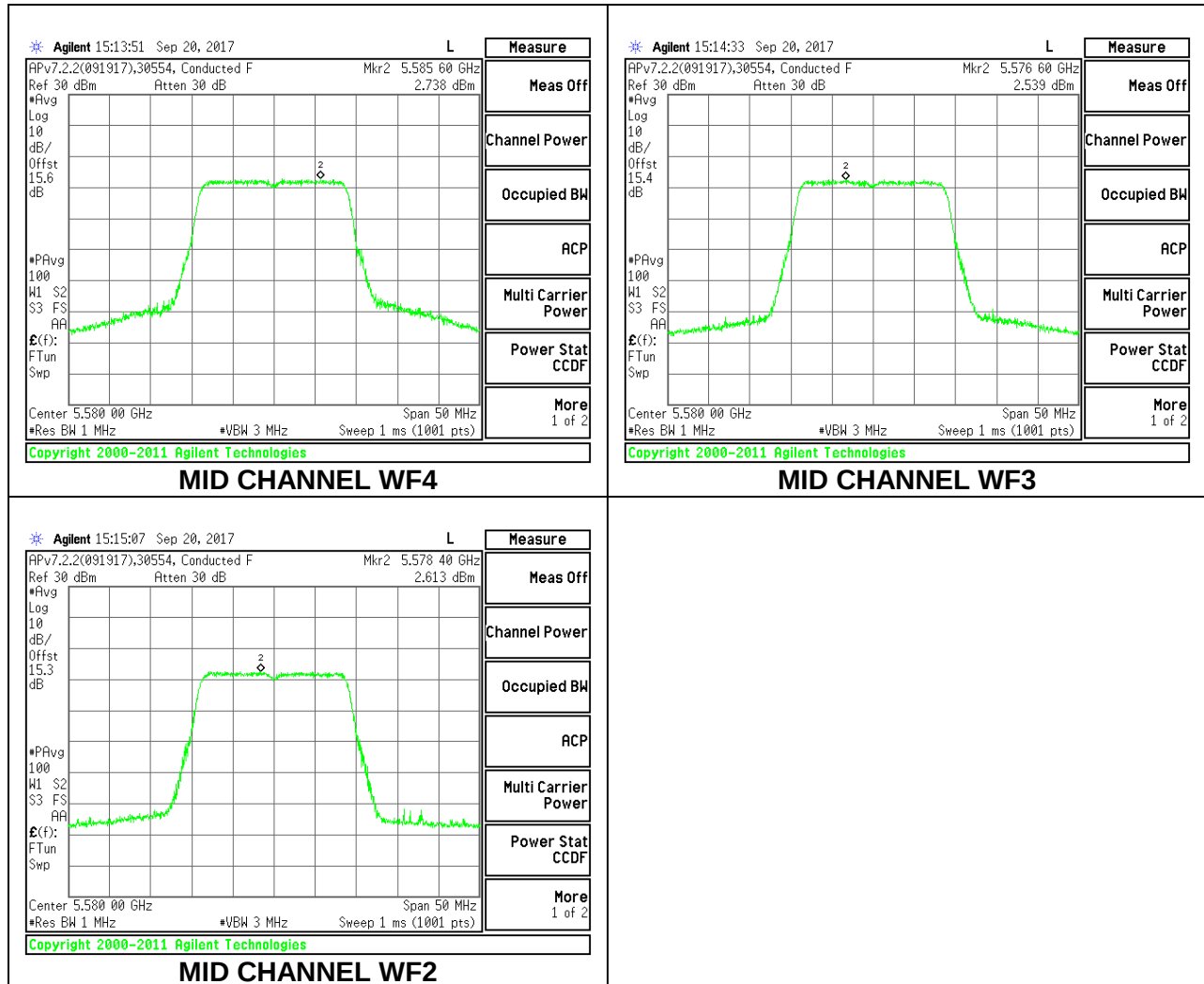
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5500	2.612	2.735	2.835	7.730	9.70	-1.97
Mid	5580	2.738	2.539	2.613	7.632	9.70	-2.07
High	5700	2.303	2.334	2.310	7.317	9.70	-2.38
144	5720	2.810	2.955	2.872	7.881	9.70	-1.82

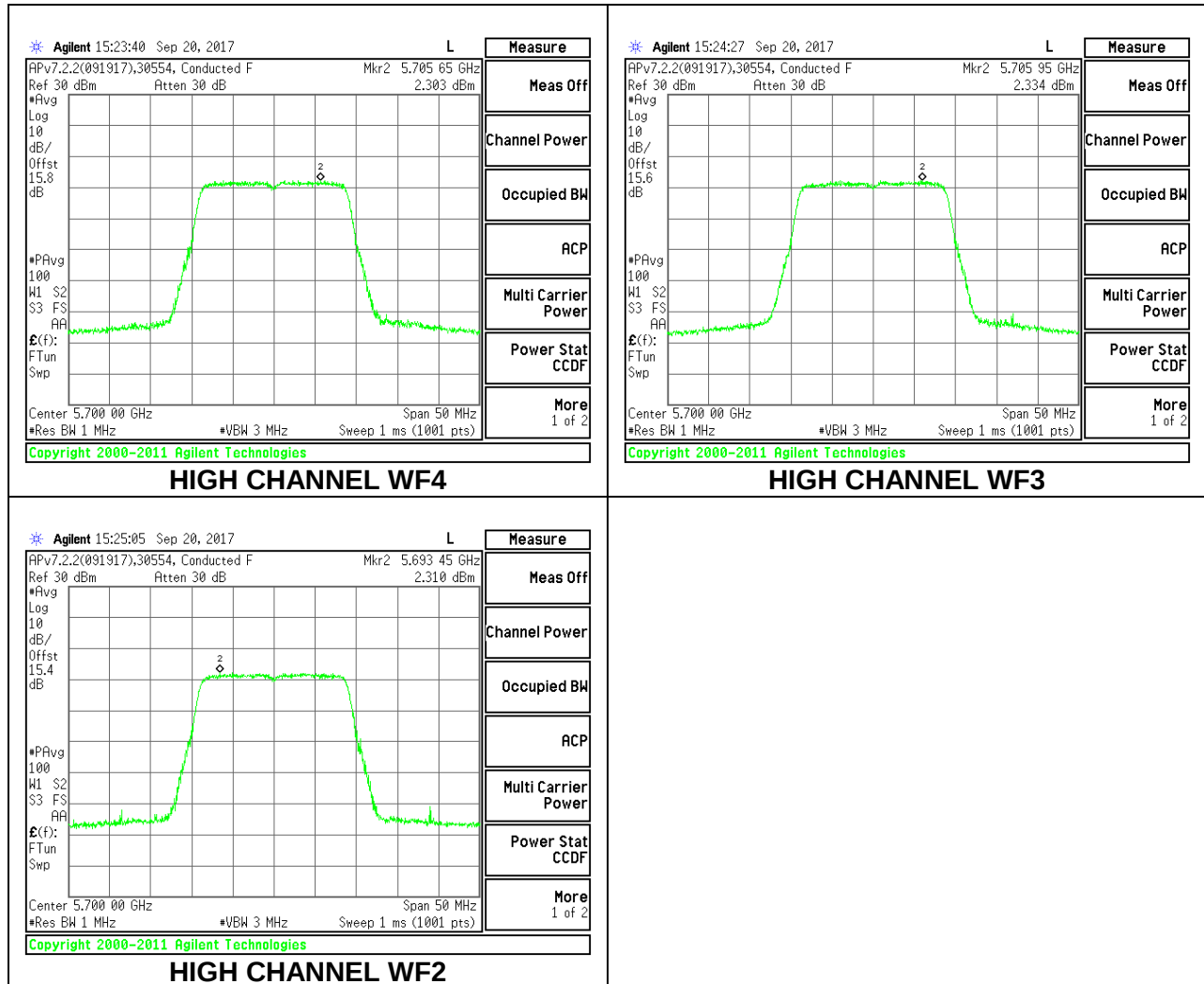
LOW CHANNEL



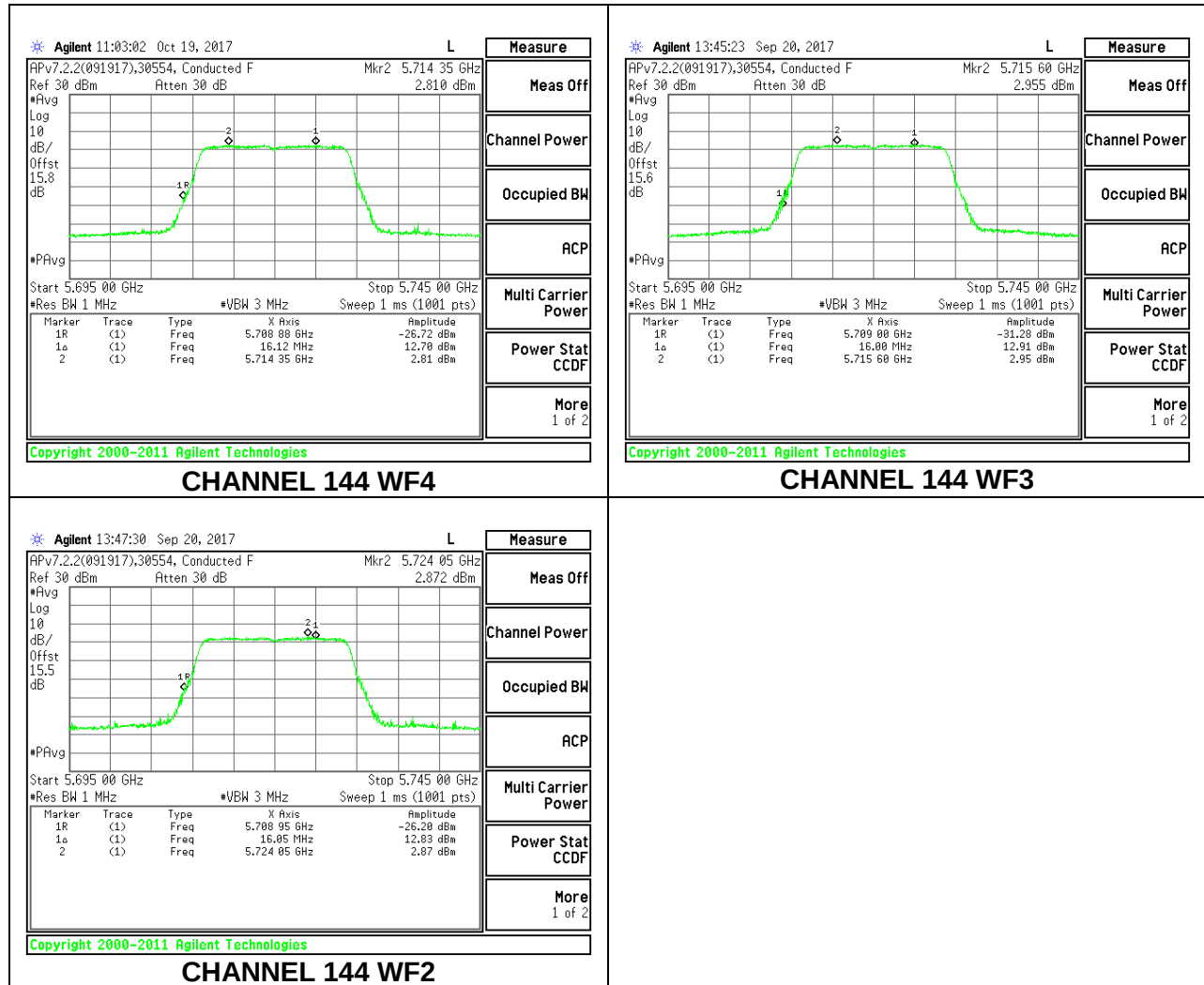
MID CHANNEL



HIGH CHANNEL



CHANNEL 144



3TX Antenna WF4 + Antenna WF3 + Antenna WF2 SDM Mode

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	17.74	2.63	2.63
Mid	5580	21.75	17.72	2.63	2.63
High	5700	21.90	17.72	2.63	2.63
144	5720	21.80	17.57	2.63	2.63

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
Low	5500	24.00	23.49	29.49	23.49	11.00	11.00	11.00
Mid	5580	24.00	23.48	29.48	23.48	11.00	11.00	11.00
High	5700	24.00	23.48	29.48	23.48	11.00	11.00	11.00
144	5720	24.00	23.45	29.45	23.45	11.00	11.00	11.00

Duty Cycle CF (dB)	0.26	Included in Calculations of Corr'd Power & PSD
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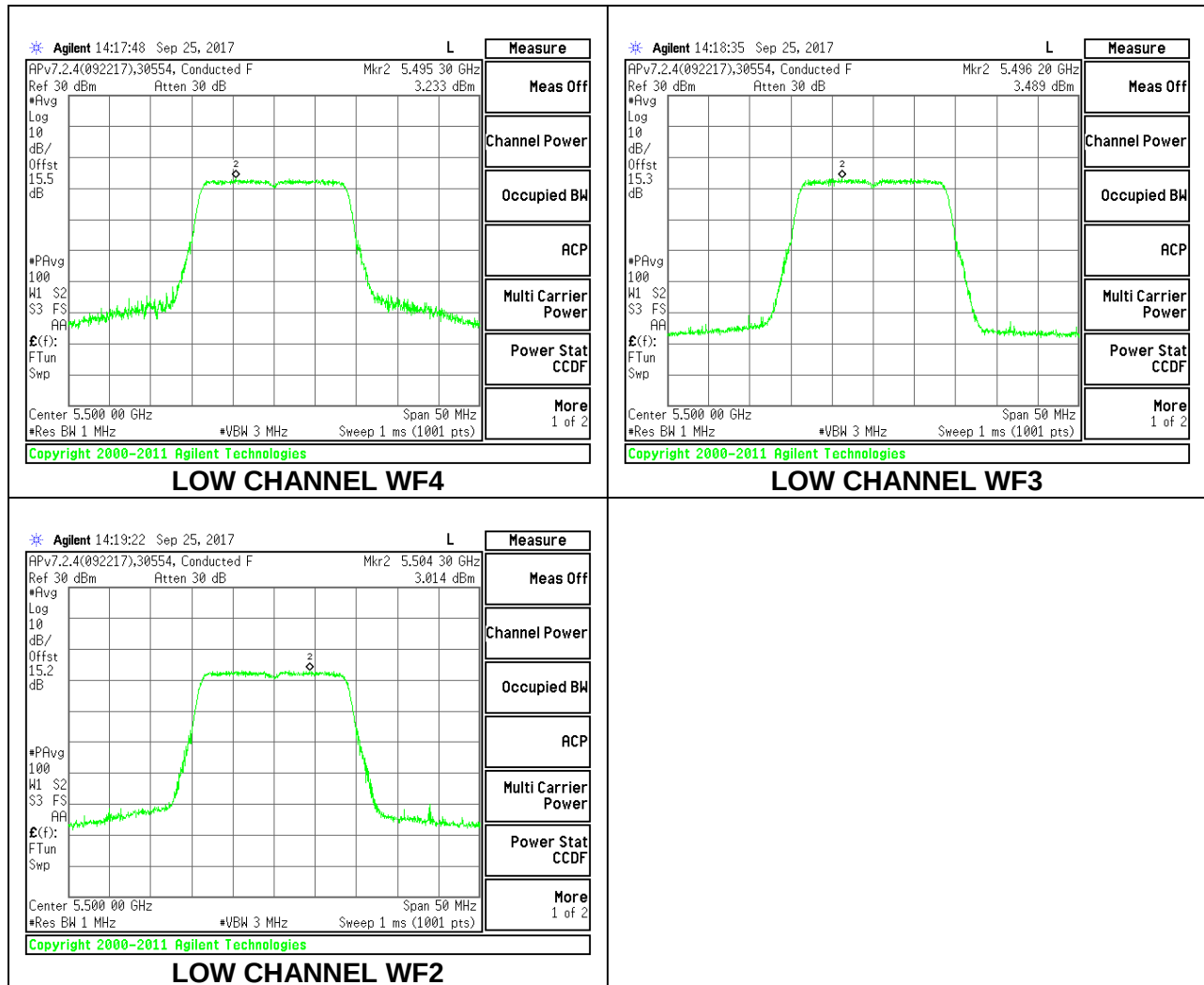
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	14.13	14.24	14.22	18.97	23.49	-4.52
Mid	5580	14.99	14.95	14.88	19.71	23.48	-3.77
High	5700	13.70	13.68	13.74	18.48	23.48	-5.01
144	5720	13.94	13.62	13.81	18.82	23.45	-4.62

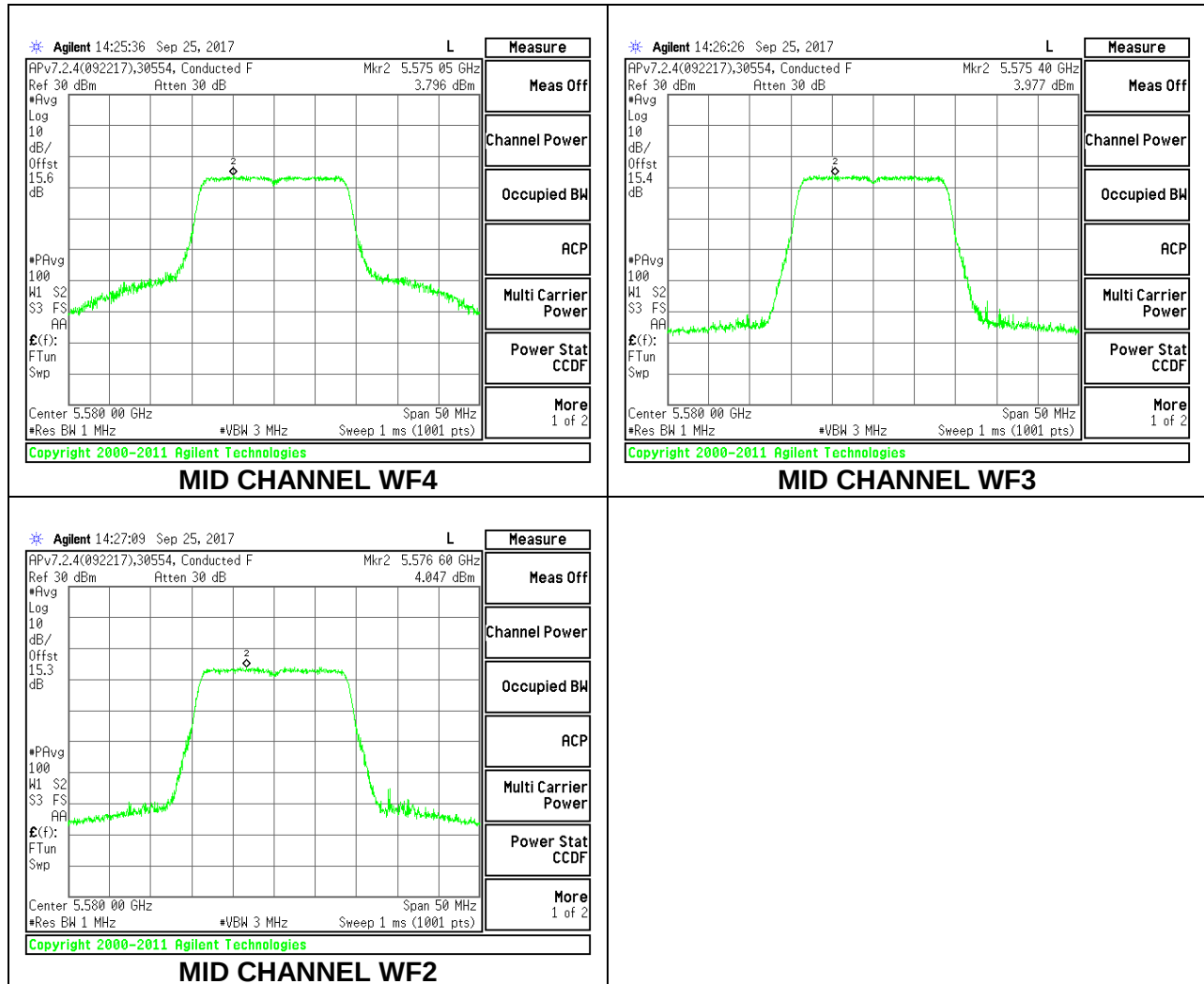
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5500	3.233	3.489	3.014	8.281	11.00	-2.72
Mid	5580	3.796	3.977	4.047	8.972	11.00	-2.03
High	5700	3.002	2.877	2.909	7.961	11.00	-3.04
144	5720	3.788	3.563	3.847	8.766	11.00	-2.23

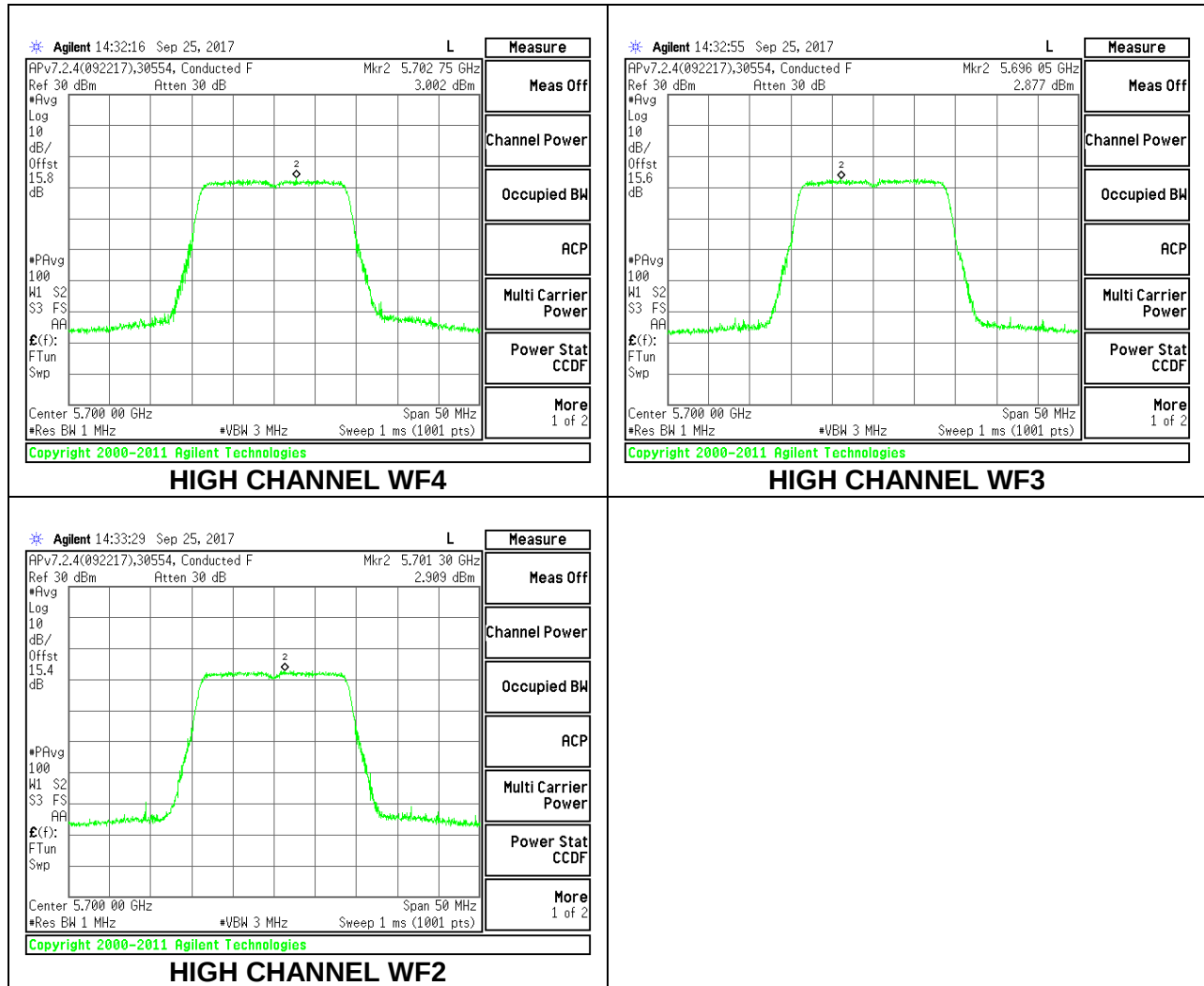
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



Agilent 14:32:55 Sep 25, 2017

APv7.2.4(092217),30554, Conducted F

Ref 30 dBm Atten 30 dB

Mkr2 5.696 05 GHz

2.877 dBm

#PAvg 100

W1 S2

S3 FS

AA

£(f):

FTun

Swp

Center 5.700 00 GHz

Span 50 MHz

#Res BW 1 MHz

#VBW 3 MHz

Sweep 1 ms (1001 pts)

Copyright 2000-2011 Agilent Technologies

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Agilent 14:33:29 Sep 25, 2017

APv7.2.4(092217),30554, Conducted F

Ref 30 dBm Atten 30 dB

Mkr2 5.701 30 GHz

2.909 dBm

#PAvg 100

W1 S2

S3 FS

AA

£(f):

FTun

Swp

Center 5.700 00 GHz

Span 50 MHz

#Res BW 1 MHz

#VBW 3 MHz

Sweep 1 ms (1001 pts)

Copyright 2000-2011 Agilent Technologies

Measure

Meas Off

Channel Power

Occupied BW

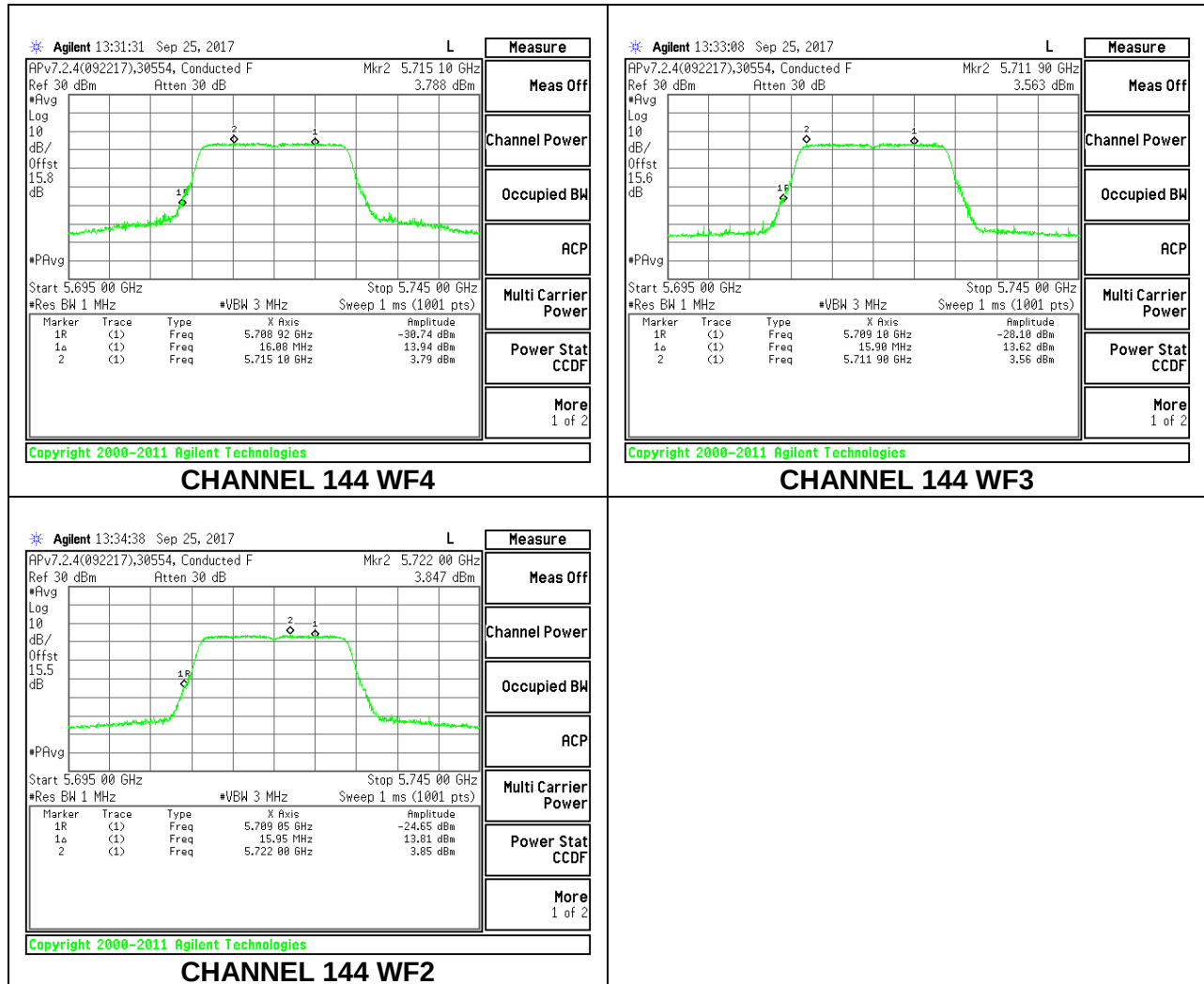
ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

CHANNEL 144



3TX Antenna WF4 + Antenna WF3 + Antenna WF2 BF Mode

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	21.65	16.66	7.30	7.30
Mid	5580	20.65	17.43	7.30	7.30
High	5700	21.40	17.54	7.30	7.30
144	5720	21.75	17.18	7.30	7.30

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
Low	5500	22.70	23.22	29.22	21.92	9.70	11.00	9.70
Mid	5580	22.70	23.41	29.41	22.11	9.70	11.00	9.70
High	5700	22.70	23.44	29.44	22.14	9.70	11.00	9.70
144	5720	22.70	23.35	29.35	22.05	9.70	11.00	9.70

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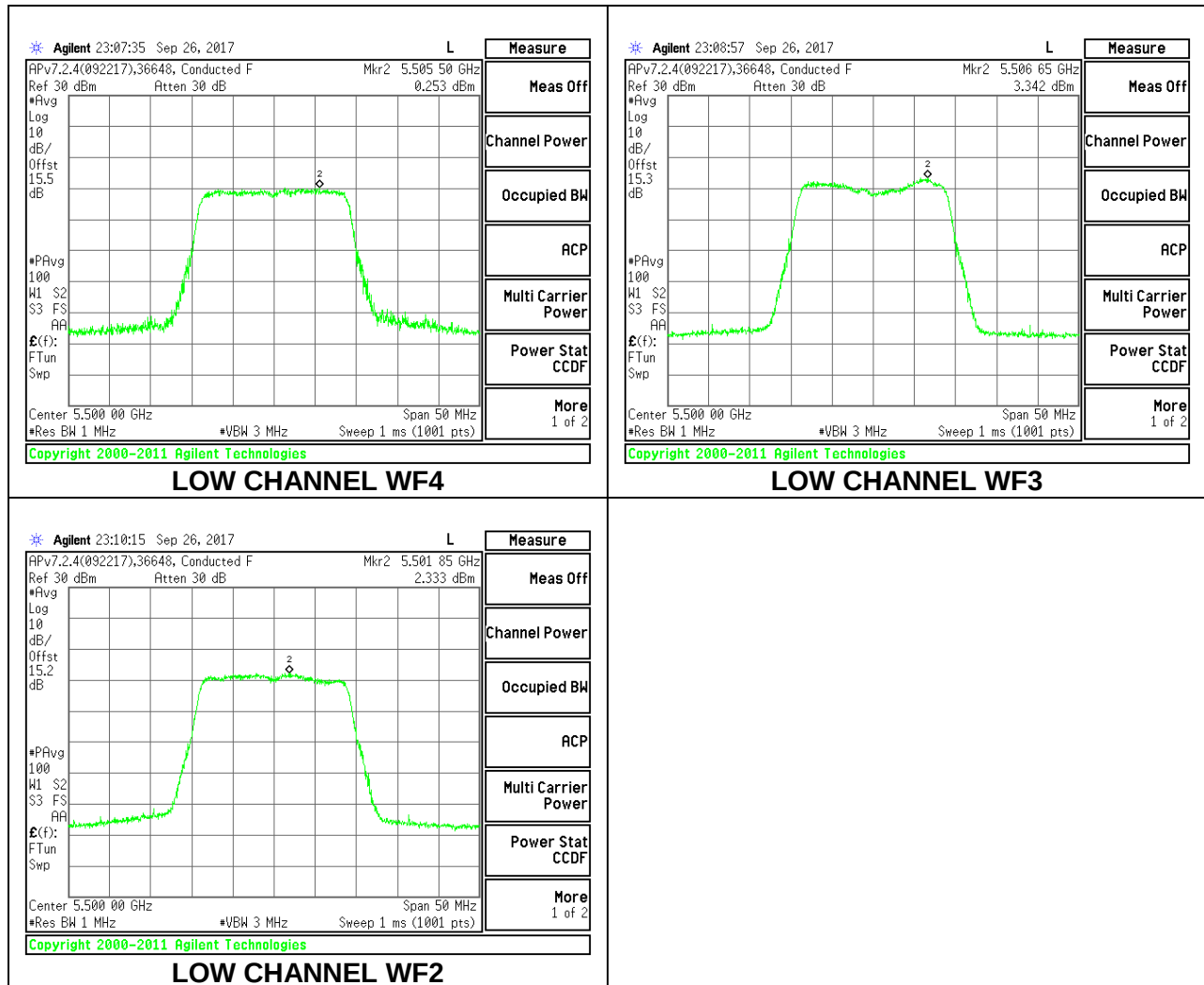
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	12.65	12.69	12.72	17.46	21.92	-4.46
Mid	5580	13.69	13.74	13.64	18.46	22.11	-3.65
High	5700	12.21	12.19	12.24	16.98	22.14	-5.16
144	5720	13.42	13.21	12.71	18.01	22.05	-4.04

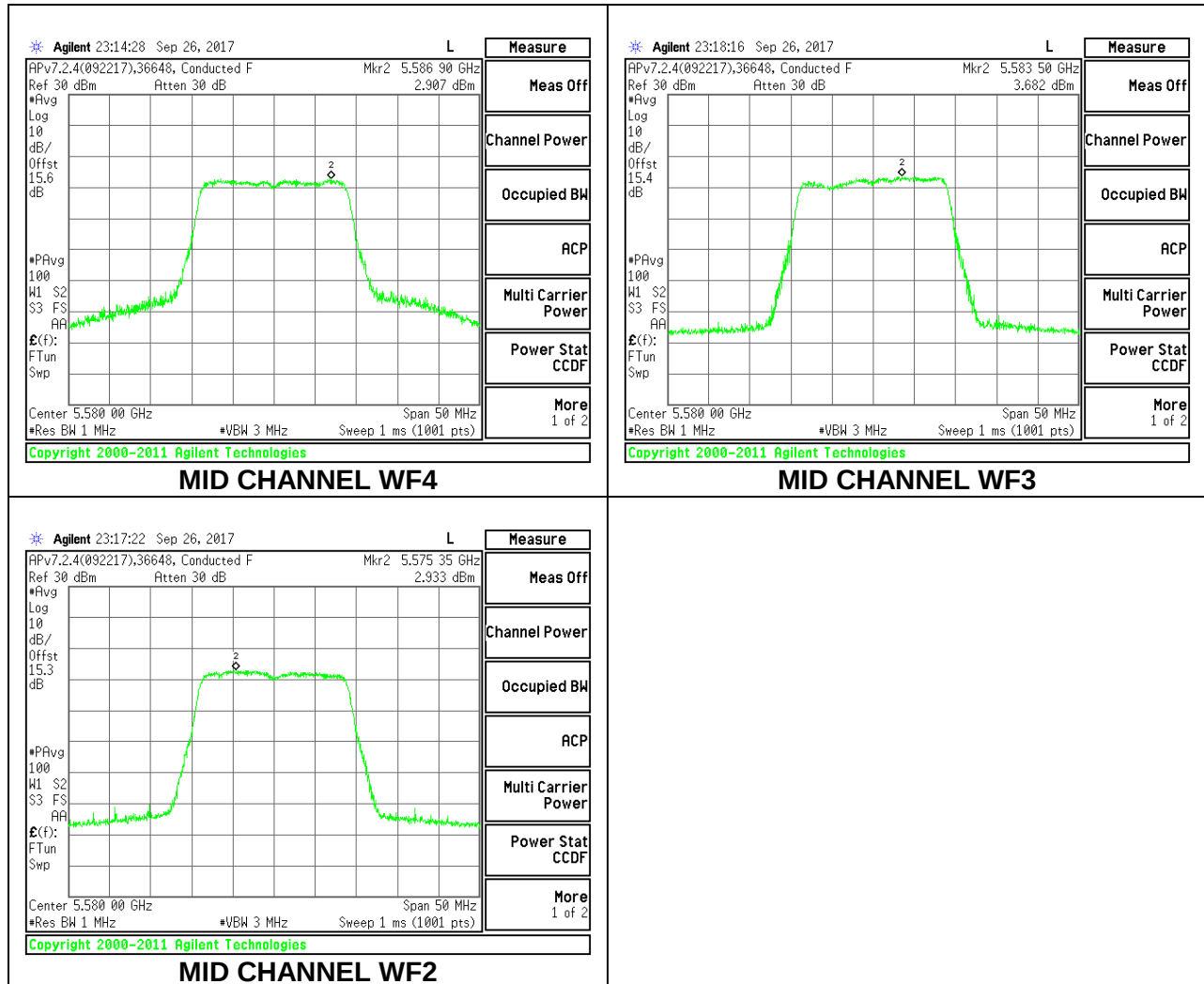
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5500	0.253	3.342	2.333	6.928	9.70	-2.77
Mid	5580	2.907	3.682	2.933	7.960	9.70	-1.74
High	5700	1.027	3.335	3.971	7.721	9.70	-1.98
144	5720	4.879	4.494	2.750	9.026	9.70	-0.67

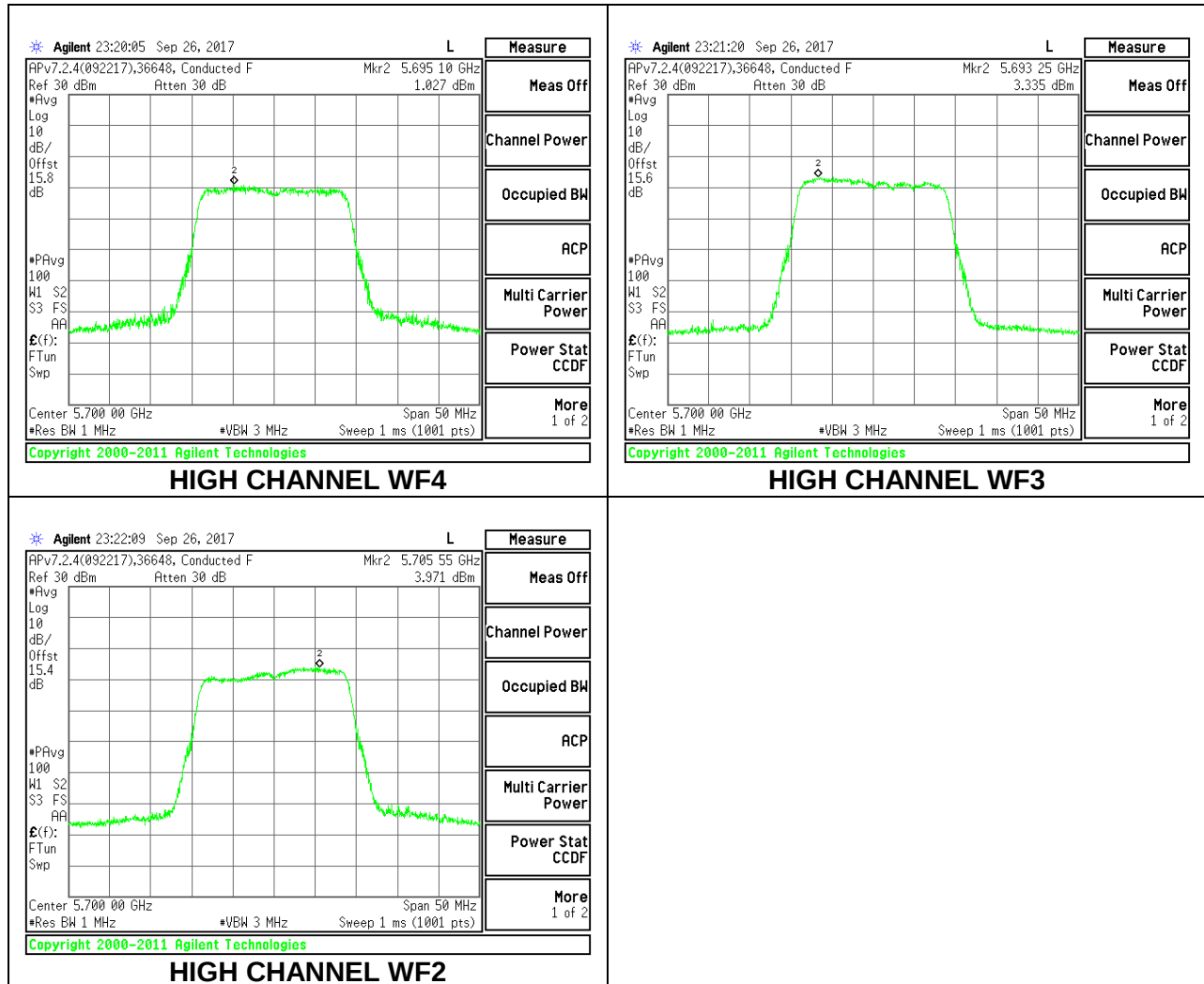
LOW CHANNEL



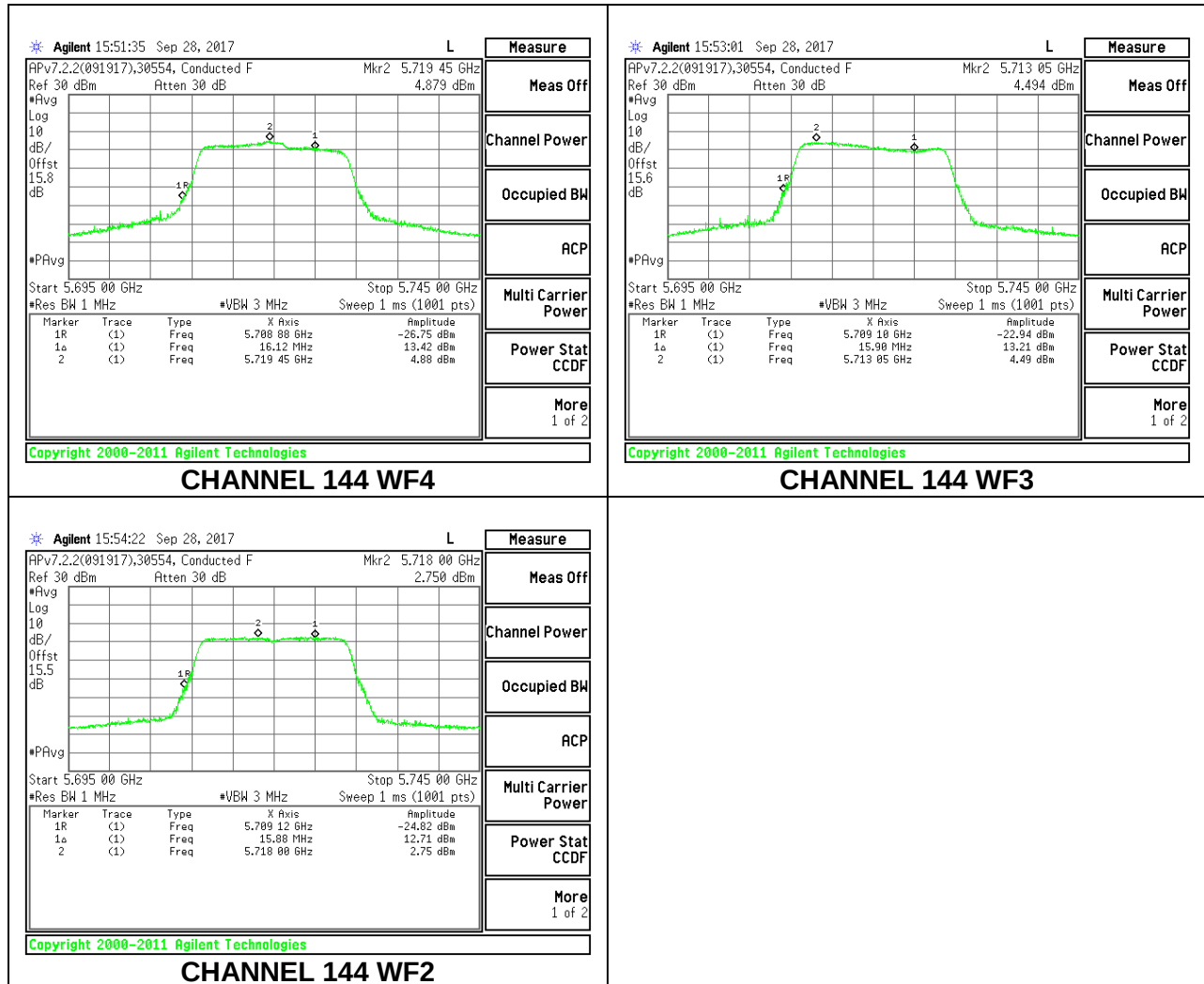
MID CHANNEL



HIGH CHANNEL



CHANNEL 144



4.5.8. 802.11n HT40 MODE IN THE 5.6 GHz BAND

1TX Antenna WF4

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	41.20	36.28	1.80
Mid	5550	41.10	36.33	1.80
High	5670	40.90	36.21	1.80
142	5710	40.80	36.14	1.80

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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

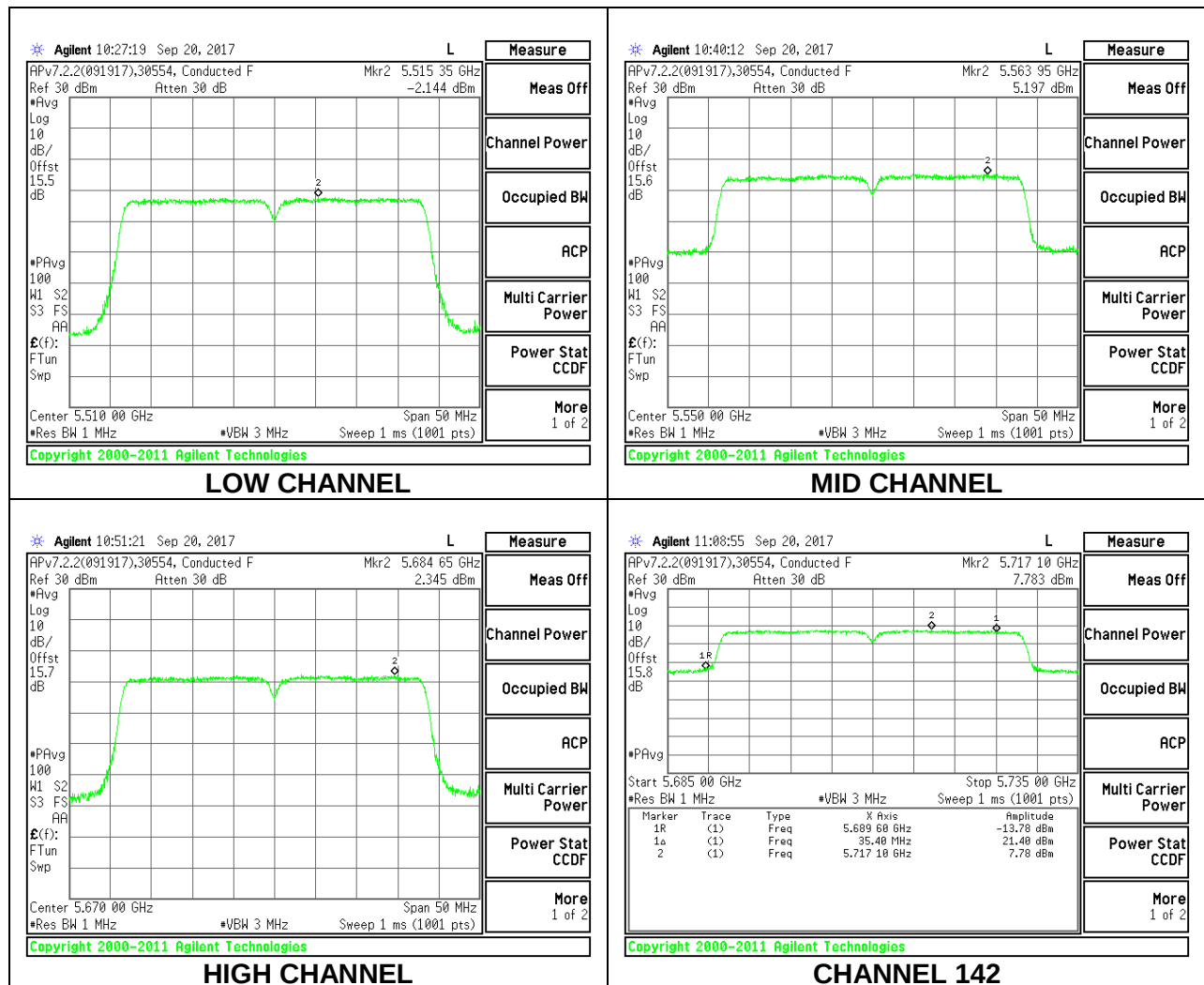
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	11.94	11.94	24.00	-12.06
Mid	5550	19.45	19.45	24.00	-4.55
High	5670	16.47	16.47	24.00	-7.53
142	5710	21.40	21.49	24.00	-2.51

PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5510	-2.144	-2.05	11.00	-13.05
Mid	5550	5.197	5.29	11.00	-5.71
High	5670	2.345	2.44	11.00	-8.57
142	5710	7.783	7.87	11.00	-3.13



1TX Antenna WF3

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	40.60	36.35	1.30
Mid	5550	40.70	36.32	1.30
High	5670	40.80	36.30	1.30
142	5710	40.70	36.43	1.30

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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

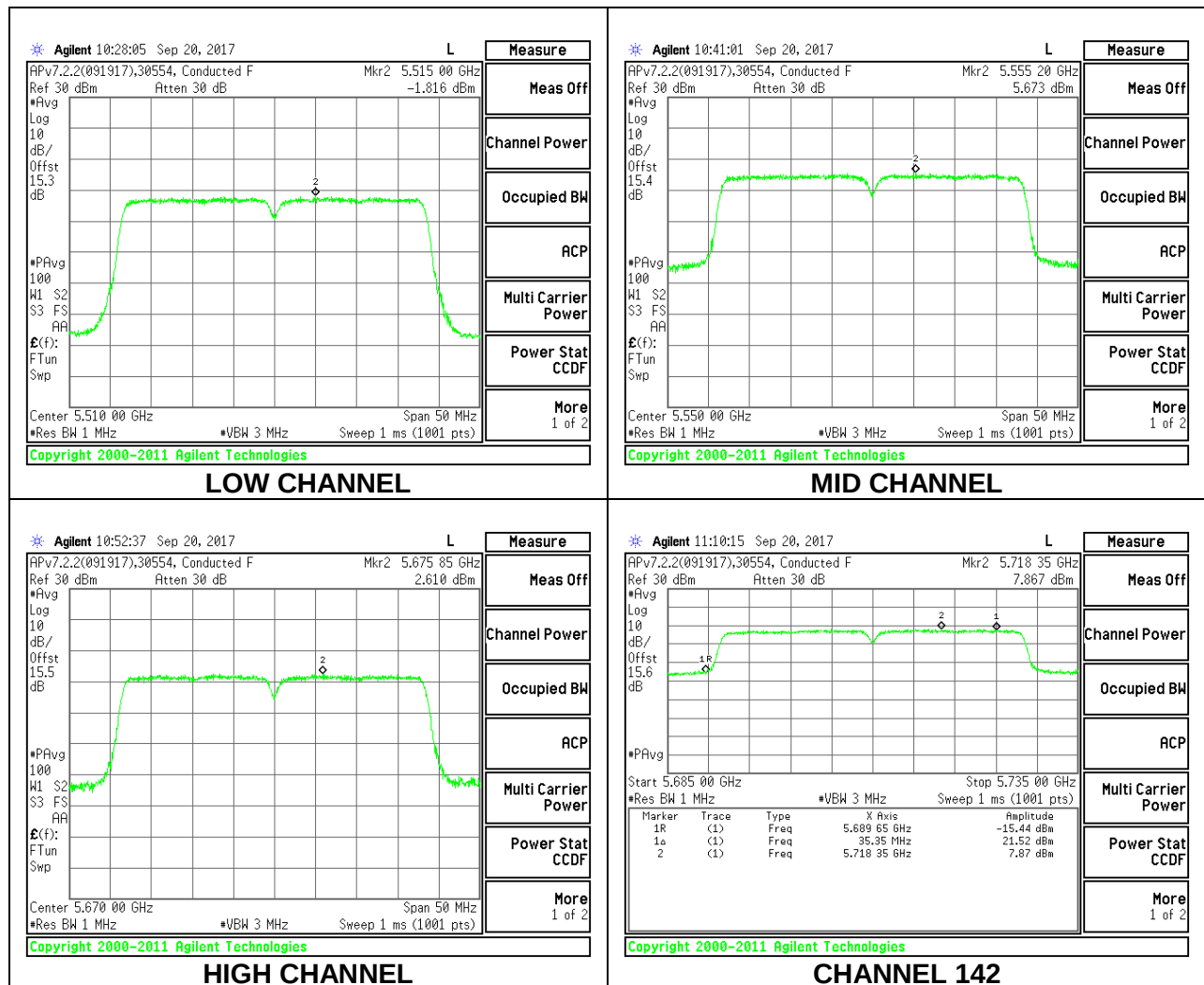
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	WF3 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	19.40	19.40	24.00	-4.60
High	5670	16.45	16.45	24.00	-7.55
142	5710	21.52	21.61	24.00	-2.39

PSD Results

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5510	-1.816	-1.73	11.00	-12.73
Mid	5550	5.673	5.76	11.00	-5.24
High	5670	2.610	2.70	11.00	-8.30
142	5710	7.867	7.96	11.00	-3.04



1TX Antenna WF2

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	40.7000	36.2978	4.20
Mid	5550	40.4000	36.1610	4.20
High	5670	40.6000	36.3565	4.20
142	5710	40.5000	36.2633	4.20

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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

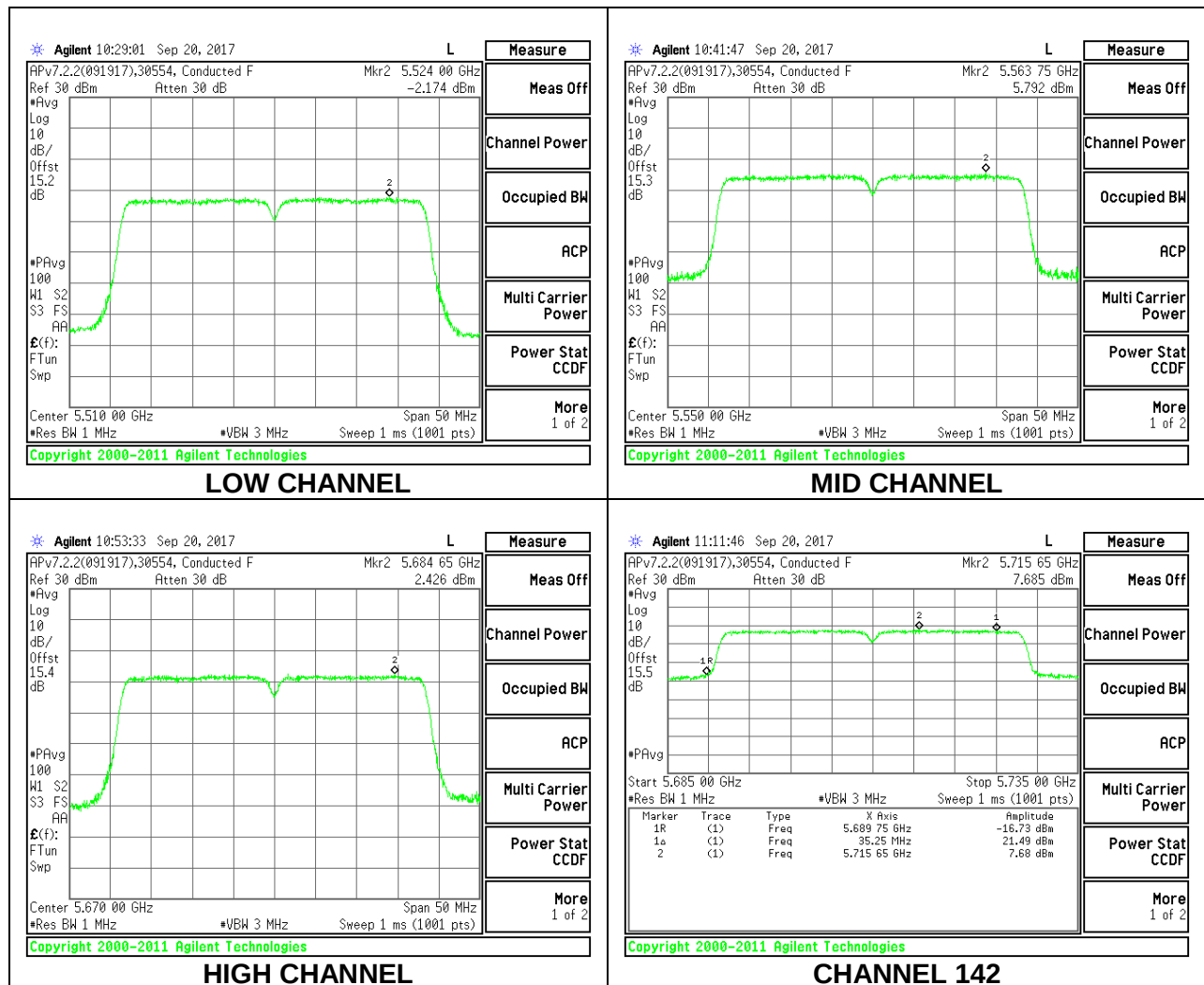
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	11.86	11.86	24.00	-12.14
Mid	5550	19.49	19.49	24.00	-4.51
High	5670	16.42	16.42	24.00	-7.58
142	5710	21.49	21.58	24.00	-2.42

PSD Results

Channel	Frequency (MHz)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5510	-2.174	-2.08	11.00	-13.08
Mid	5550	5.792	5.88	11.00	-5.12
High	5670	2.426	2.52	11.00	-8.48
142	5710	7.685	7.78	11.00	-3.23



2TX Antenna WF4 + Antenna WF3 CDD Mode

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	40.6000	36.2659	1.56	4.56
Mid	5550	40.7000	36.2385	1.56	4.56
High	5670	40.9000	36.2099	1.56	4.56
142	5710	40.6000	36.2284	1.56	4.56

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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)	0.18	Included in Calculations of Corr'd Power & PSD
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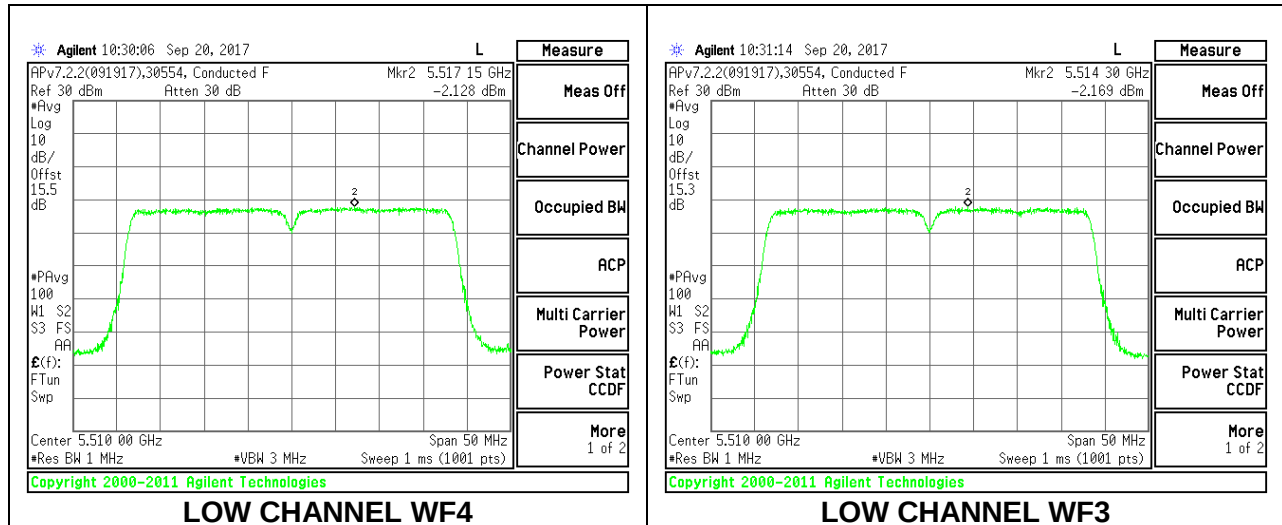
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5510	11.87	11.92	14.91	24.00	-9.09
Mid	5550	17.84	17.95	20.91	24.00	-3.09
High	5670	15.88	15.99	18.95	24.00	-5.05
142	5710	18.45	18.42	21.63	24.00	-2.37

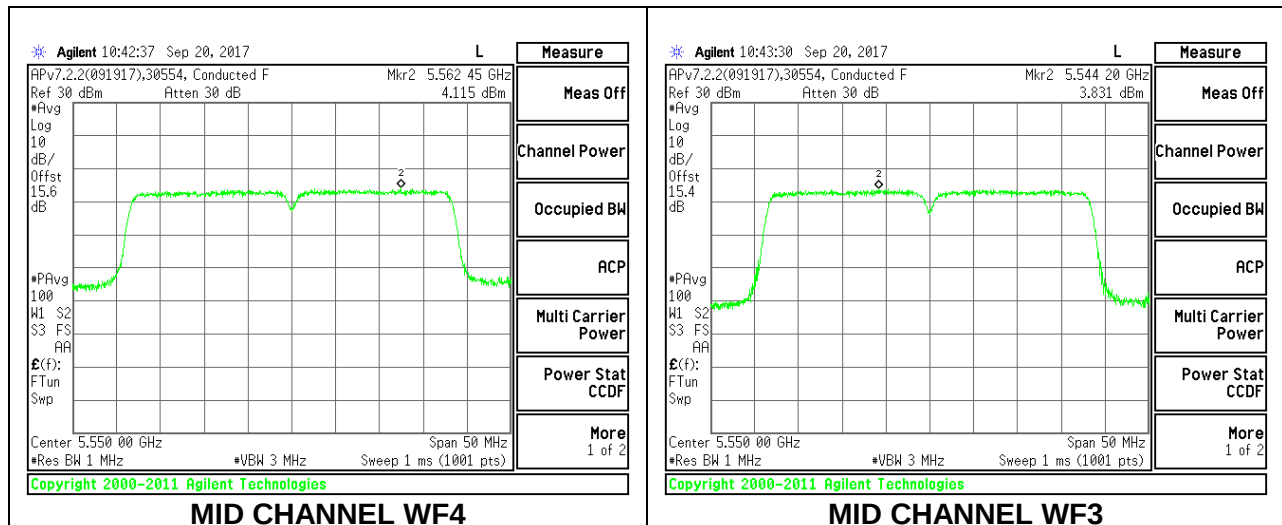
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margi (dB)
Low	5510	-2.13	-2.17	1.04	11.00	-9.96
Mid	5550	4.12	3.83	7.17	11.00	-3.83
High	5670	1.91	1.79	5.04	11.00	-5.96
142	5710	4.74	4.79	7.95	11.00	-3.05

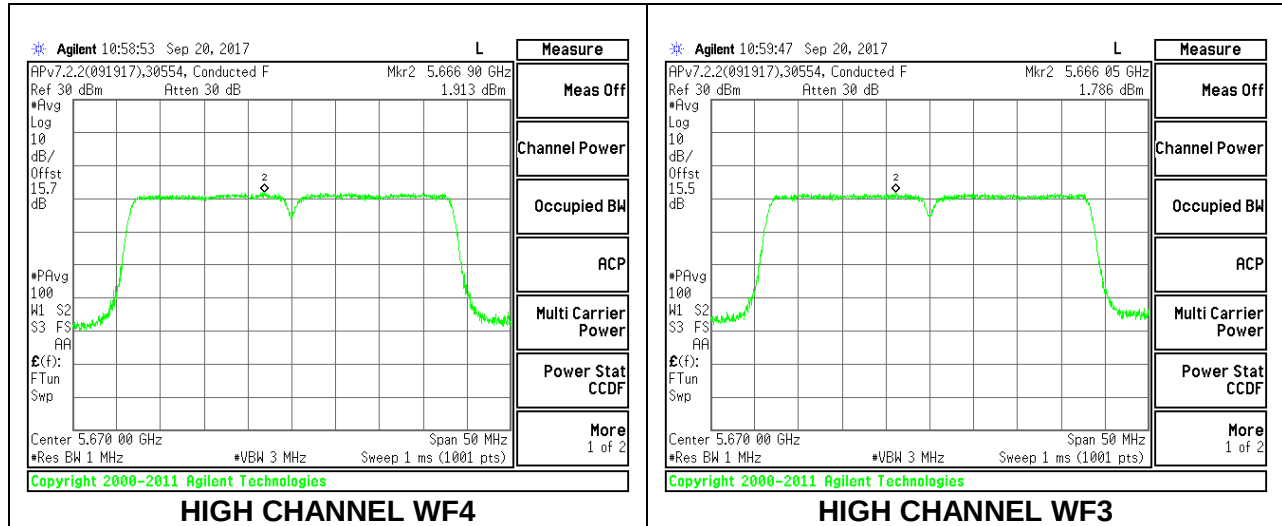
LOW CHANNEL



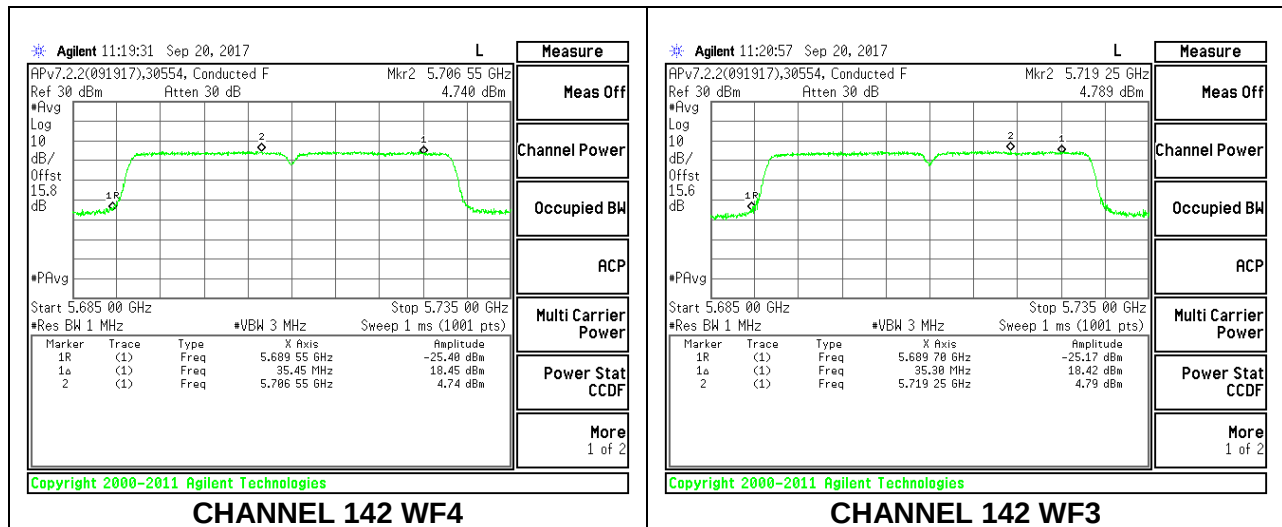
MID CHANNEL



HIGH CHANNEL



CHANNEL 142



2TX Antenna WF4 + Antenna WF3 SDM Mode

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	40.60	36.33	1.56	1.56
Mid	5550	40.50	36.26	1.56	1.56
High	5670	40.60	36.27	1.56	1.56
142	5710	40.40	36.25	1.56	1.56

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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)	0.29	Included in Calculations of Corr'd Power & PSD
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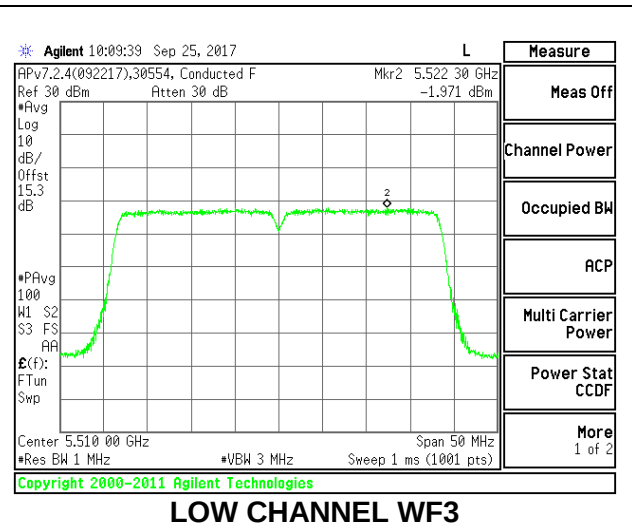
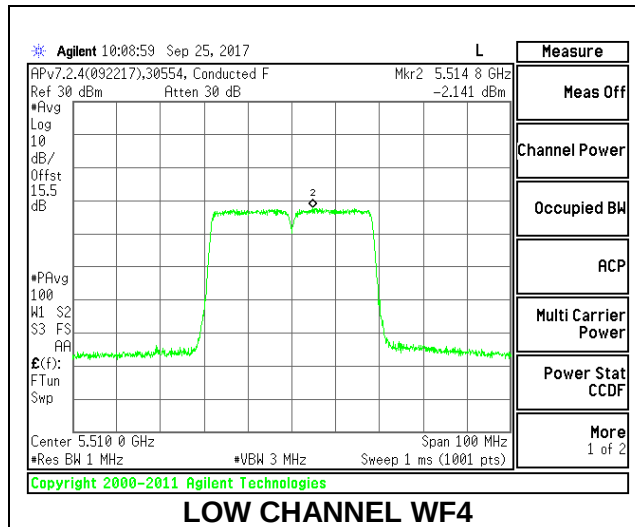
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5510	11.92	11.97	14.96	24.00	-9.04
Mid	5550	17.84	17.93	20.90	24.00	-3.10
High	5670	15.85	15.90	18.89	24.00	-5.11
142	5710	19.03	18.90	22.27	24.00	-1.73

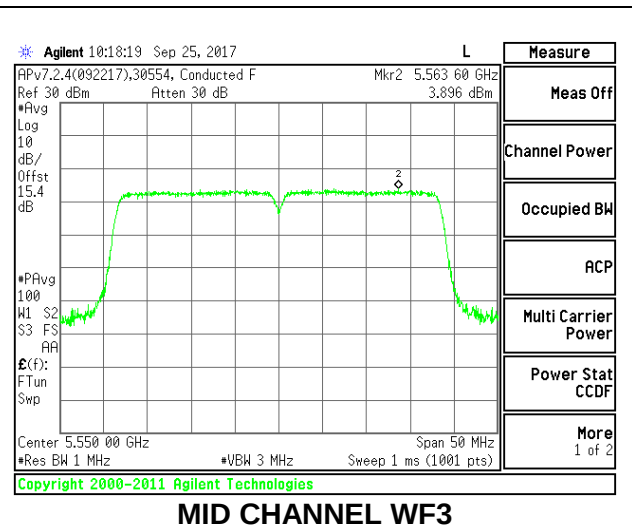
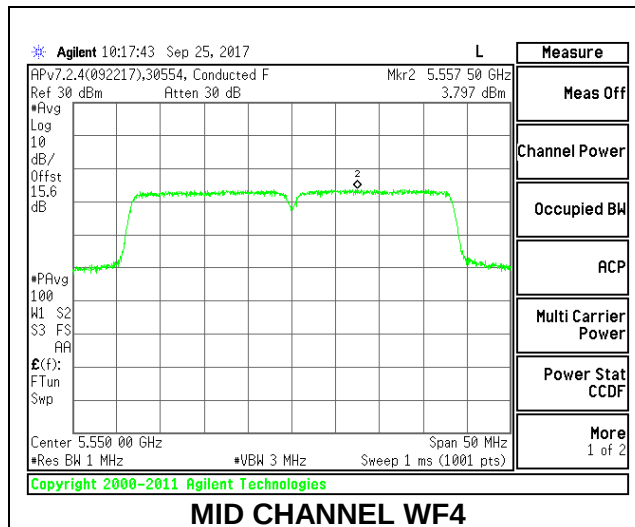
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margi (dB)
Low	5510	-2.14	-1.97	1.25	11.00	-9.75
Mid	5550	3.80	3.90	7.15	11.00	-3.85
High	5670	1.80	1.74	5.07	11.00	-5.93
142	5710	5.25	5.28	8.56	11.00	-2.44

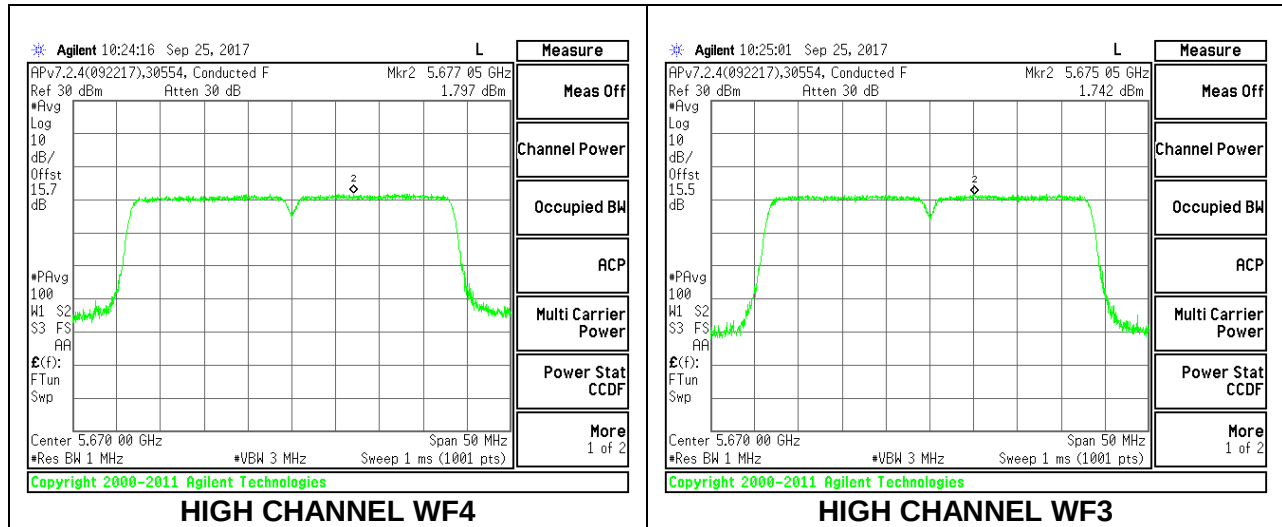
LOW CHANNEL



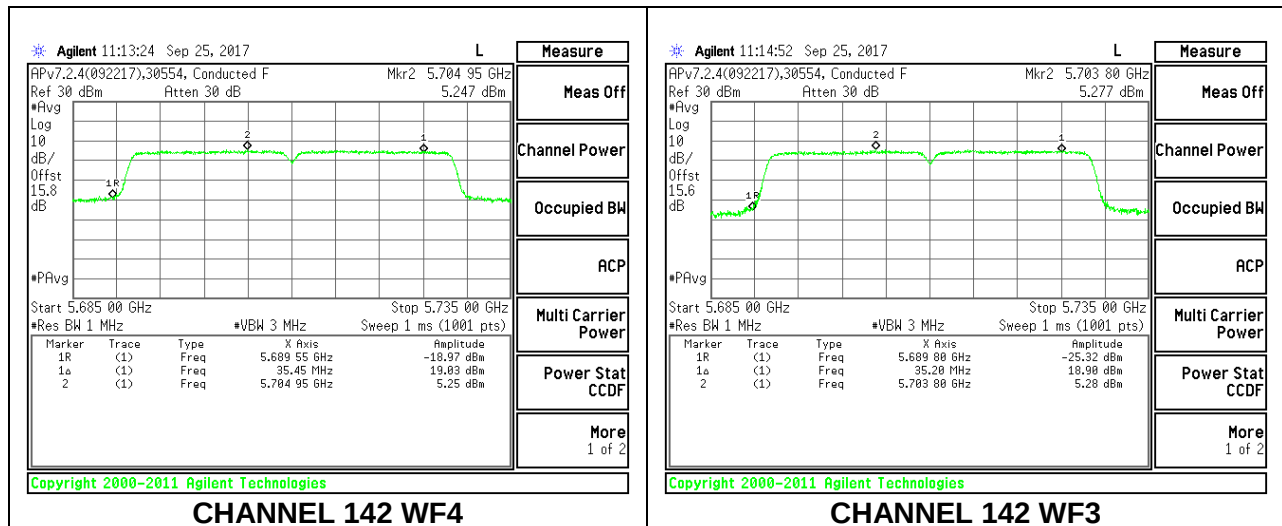
MID CHANNEL



HIGH CHANNEL



CHANNEL 142



2TX Antenna WF4 + Antenna WF3 BF Mode

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	40.1000	35.1448	4.56	4.56
Mid	5550	40.3000	34.6759	4.56	4.56
High	5670	40.4000	33.0663	4.56	4.56
142	5710	40.3000	33.1815	4.56	4.56

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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)	0.11	Included in Calculations of Corr'd Power & PSD
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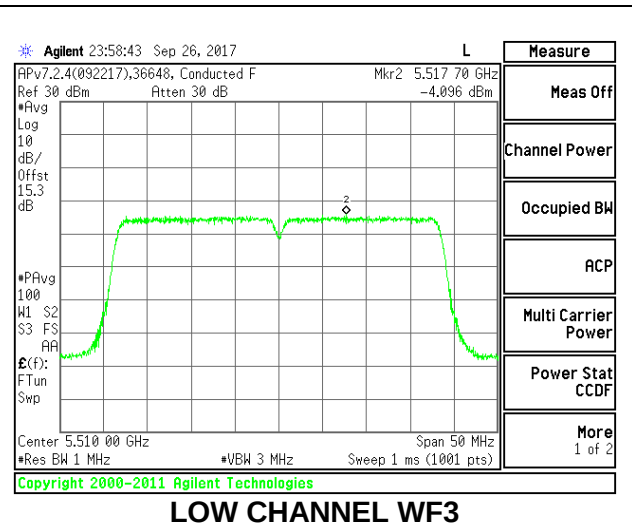
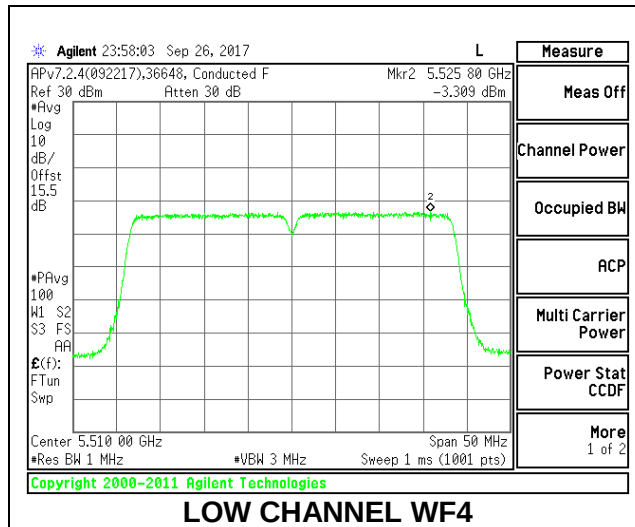
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5510	10.85	10.91	13.89	24.00	-10.11
Mid	5550	17.93	17.97	20.96	24.00	-3.04
High	5670	13.88	13.98	16.94	24.00	-7.06
142	5710	18.34	18.54	21.56	24.00	-2.44

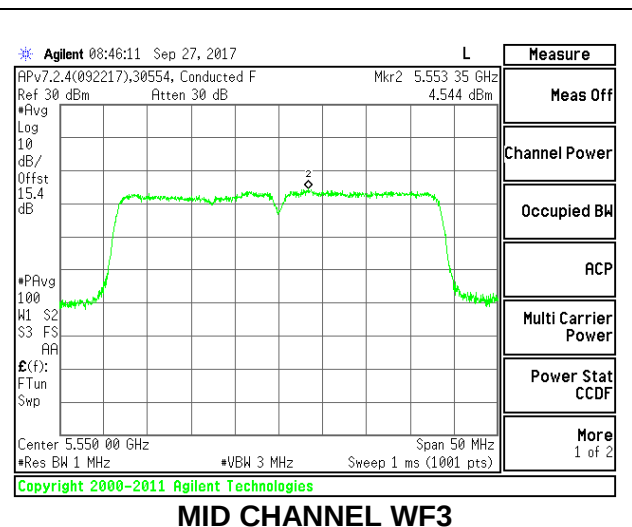
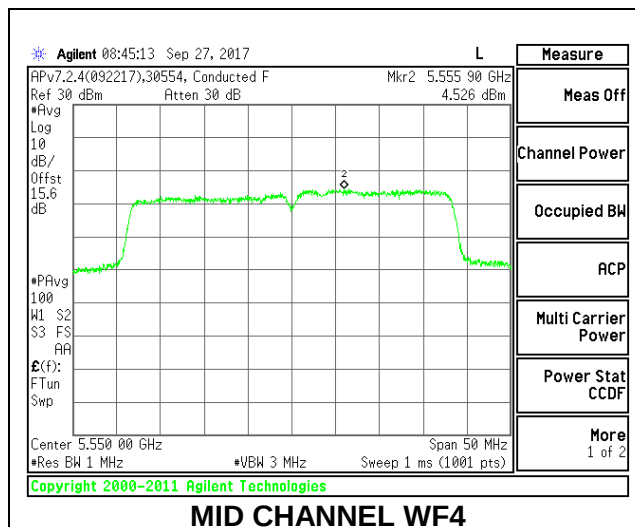
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margi (dB)
Low	5510	-3.31	-4.10	-0.56	11.00	-11.56
Mid	5550	1.90	3.96	6.17	11.00	-4.83
High	5670	0.11	0.08	3.22	11.00	-7.78
142	5710	5.00	5.09	8.16	11.00	-2.84

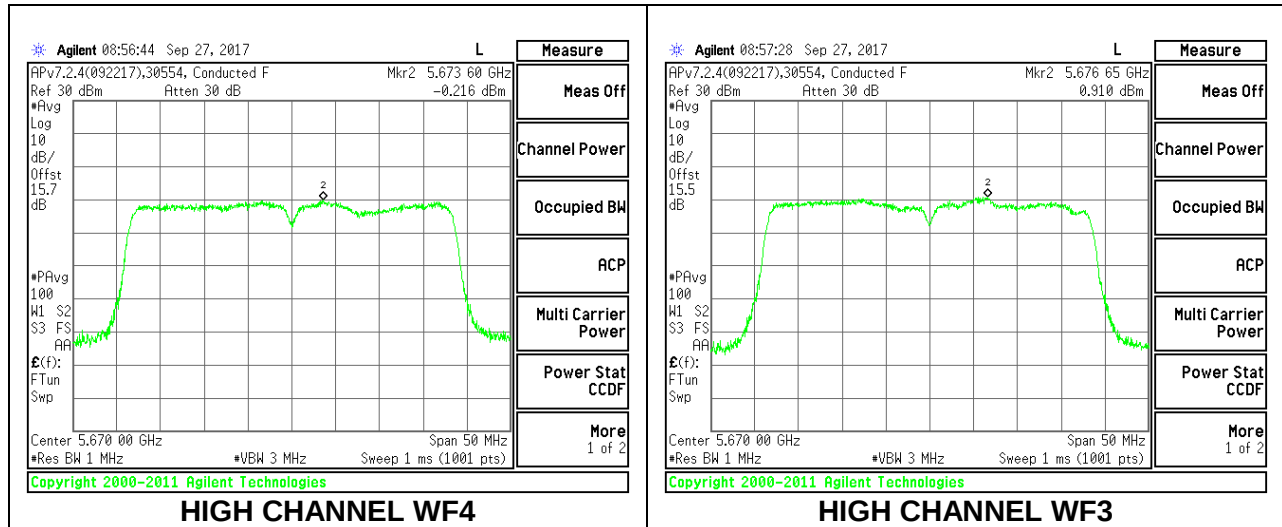
LOW CHANNEL



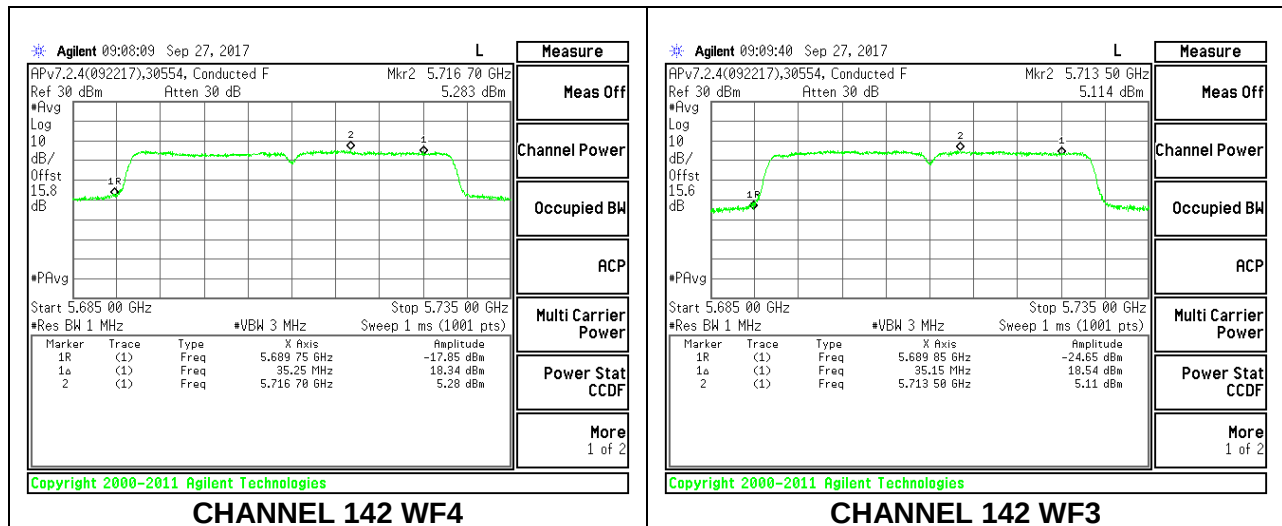
MID CHANNEL



HIGH CHANNEL



CHANNEL 142



2TX Antenna WF4 + Antenna WF2 CDD Mode

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	40.6000	36.2589	3.16	6.09
Mid	5550	40.4000	36.2877	3.16	6.09
High	5670	40.6000	36.2159	3.16	6.09
142	5710	40.2000	36.2176	3.16	6.09

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
Low	5510	24.00	24.00	30.00	24.00	10.91	11.00	10.91
Mid	5550	24.00	24.00	30.00	24.00	10.91	11.00	10.91
High	5670	24.00	24.00	30.00	24.00	10.91	11.00	10.91
142	5710	24.00	24.00	30.00	24.00	10.91	11.00	10.91

Duty Cycle CF (dB)	0.18	Included in Calculations of Corr'd Power & PSD
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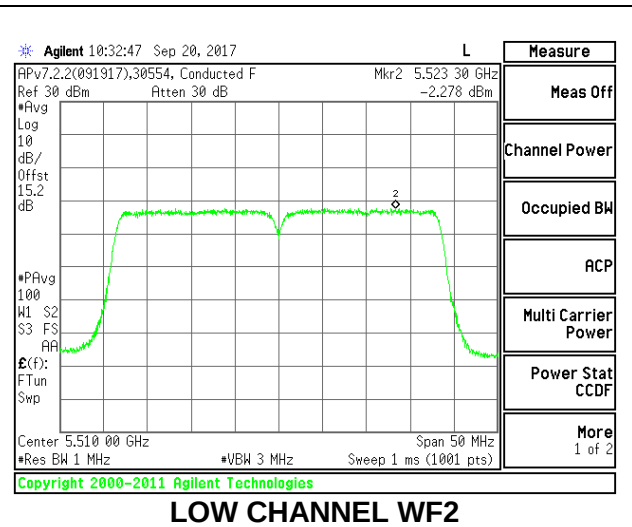
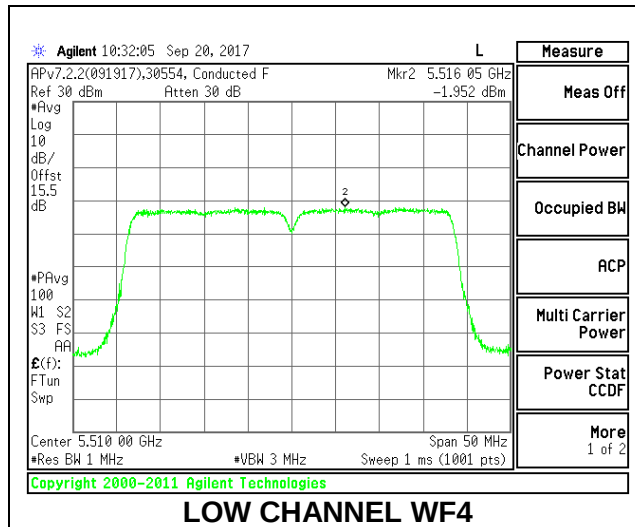
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5510	11.82	11.74	14.79	24.00	-9.21
Mid	5550	17.93	17.90	20.93	24.00	-3.07
High	5670	15.77	15.91	18.85	24.00	-5.15
142	5710	18.47	18.40	21.63	24.00	-2.37

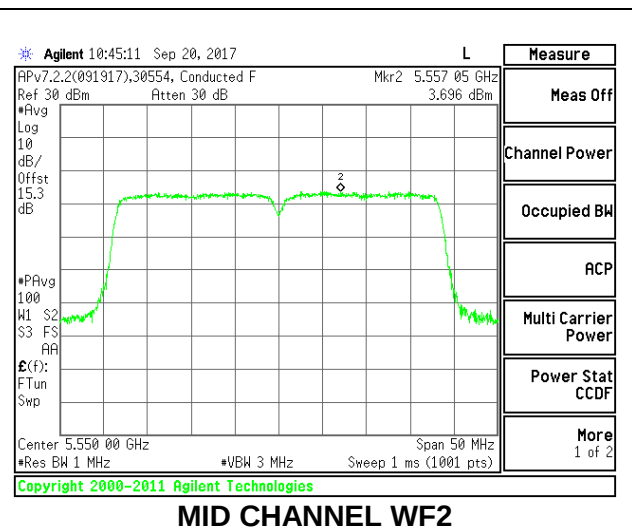
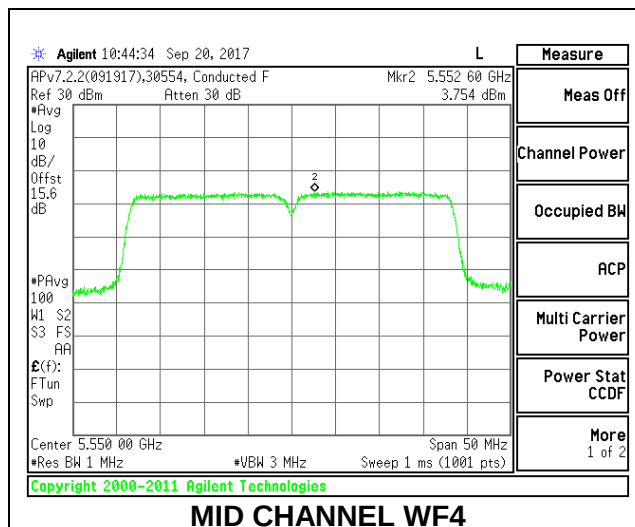
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margi (dB)
Low	5510	-1.95	-2.28	1.08	10.91	-9.83
Mid	5550	3.75	3.70	6.92	10.91	-3.99
High	5670	2.06	1.86	5.15	10.91	-5.76
142	5710	5.23	5.81	8.72	10.91	-2.19

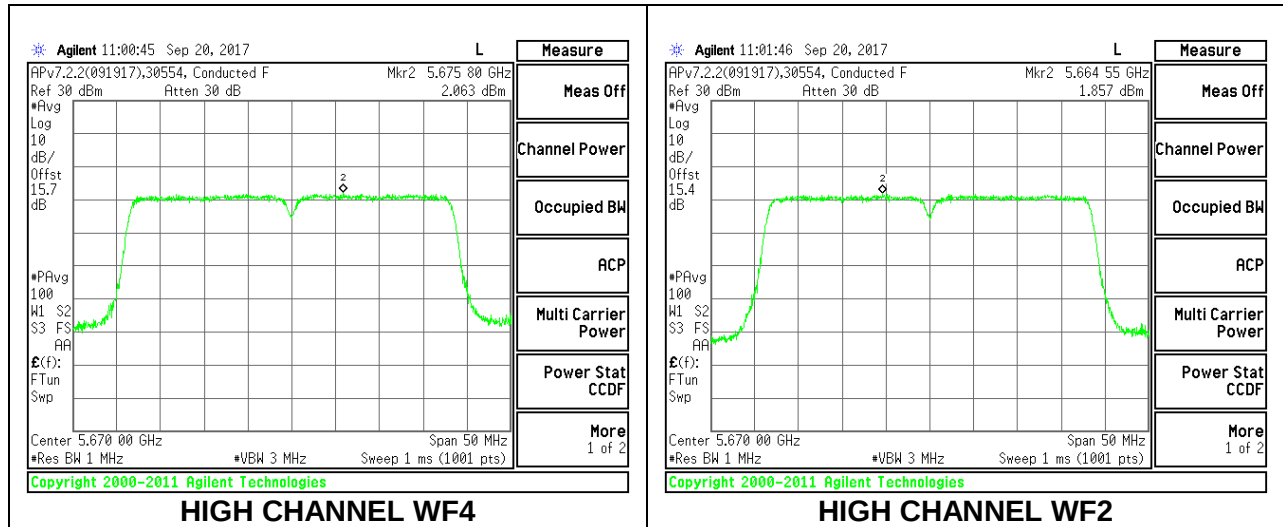
LOW CHANNEL



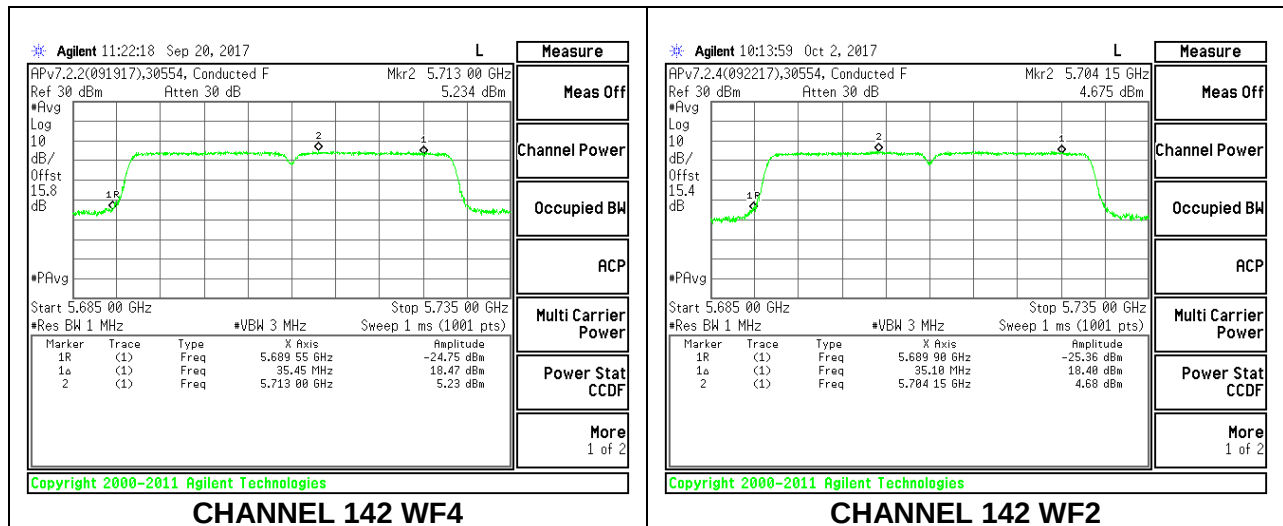
MID CHANNEL



HIGH CHANNEL



CHANNEL 142



2TX Antenna WF4 + Antenna WF2 SDM Mode

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	40.3000	36.3547	3.16	3.16
Mid	5550	40.5000	36.2076	3.16	3.16
High	5670	40.4000	36.2480	3.16	3.16
142	5710	40.3000	36.1906	3.16	3.16

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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)	0.29	Included in Calculations of Corr'd Power & PSD
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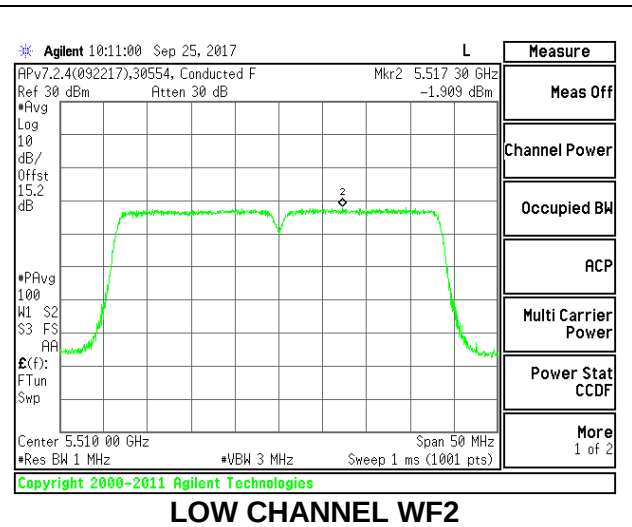
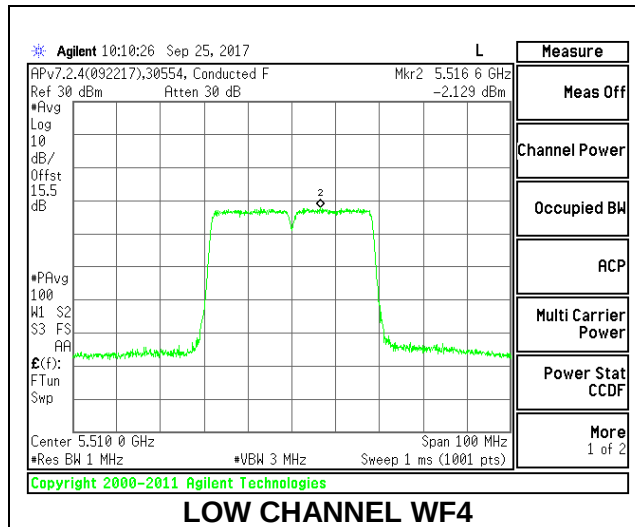
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	11.81	11.97	14.90	24.00	-9.10
Mid	5550	17.88	17.90	20.90	24.00	-3.10
High	5670	15.80	15.77	18.80	24.00	-5.20
142	5710	19.05	19.06	22.36	24.00	-1.64

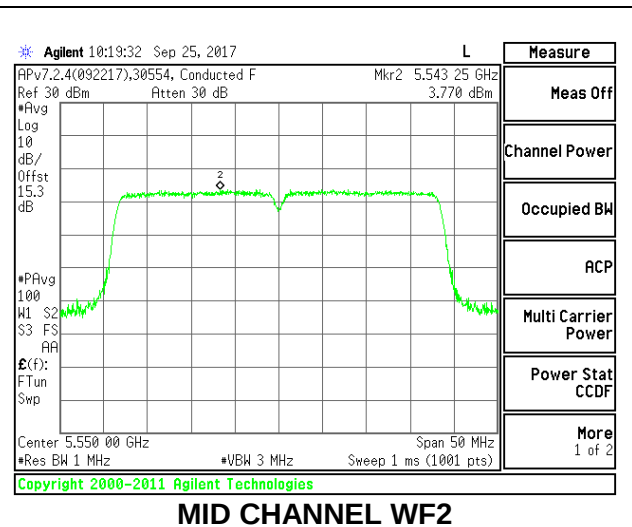
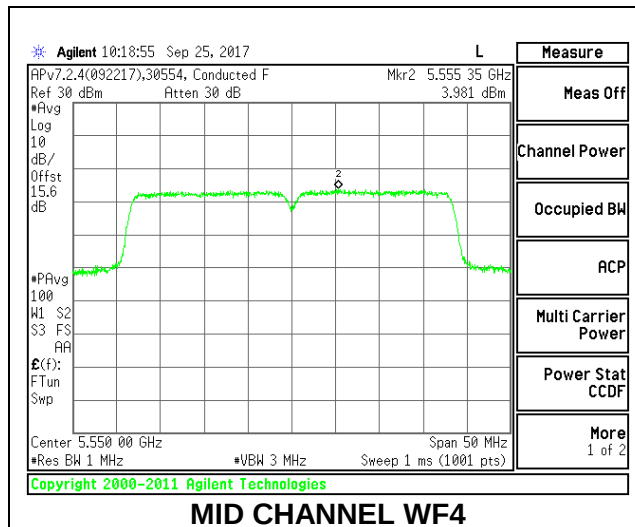
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5510	-2.13	-1.91	1.28	11.00	-9.72
Mid	5550	3.98	3.77	7.18	11.00	-3.82
High	5670	1.78	1.81	5.10	11.00	-5.90
142	5710	5.42	5.72	8.87	11.00	-2.13

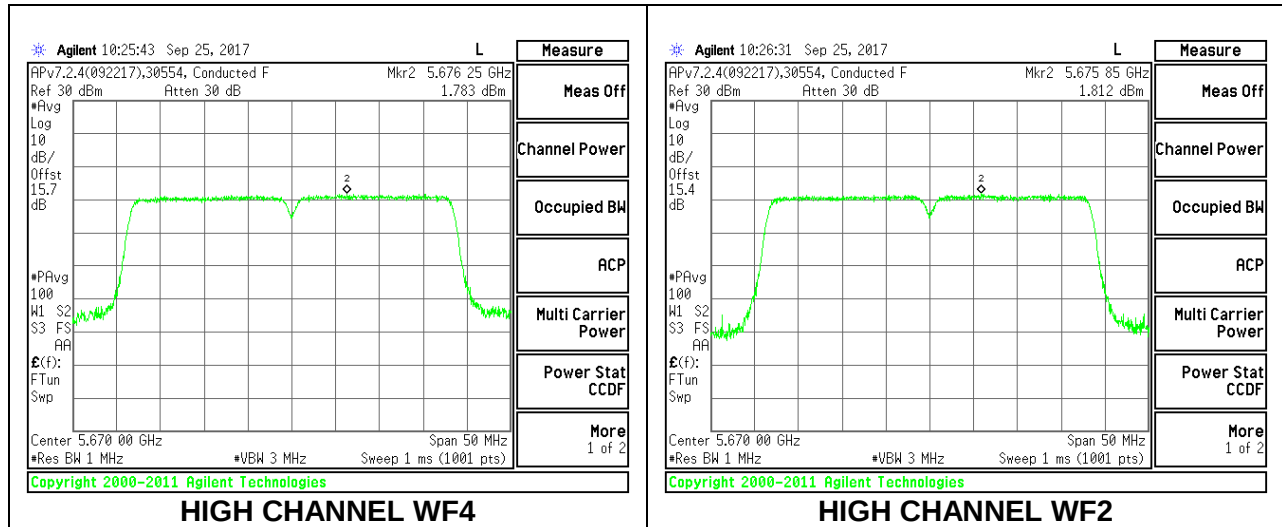
LOW CHANNEL



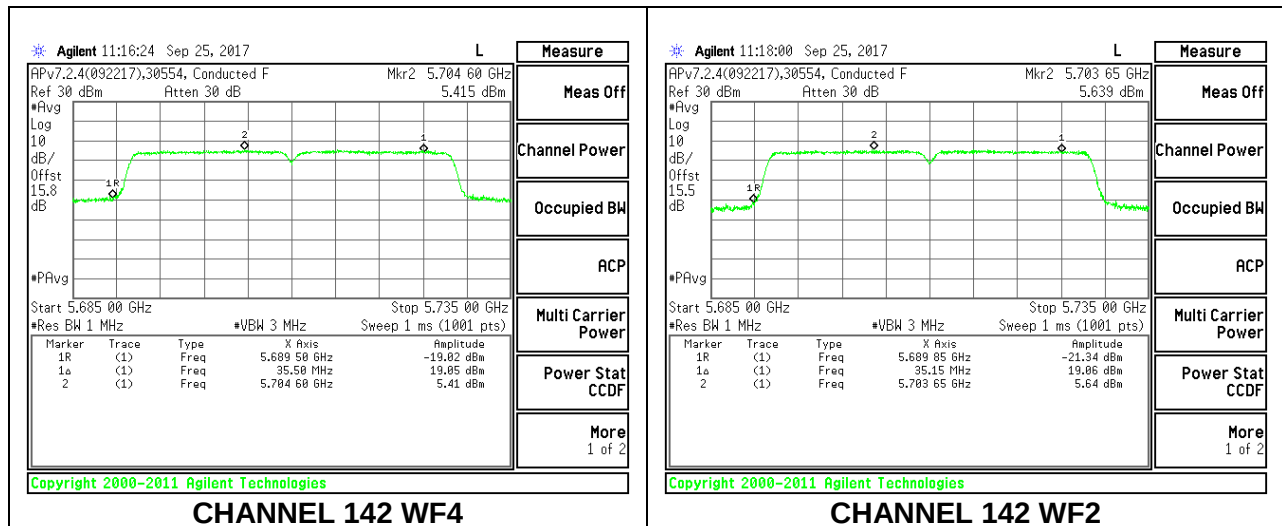
MID CHANNEL



HIGH CHANNEL



CHANNEL 142



2TX Antenna WF4 + Antenna WF2 BF Mode

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	40.3000	36.1419	6.09	6.09
Mid	5550	40.5000	34.3438	6.09	6.09
High	5670	40.3000	35.3483	6.09	6.09
142	5710	40.4000	35.7598	6.09	6.09

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
Low	5510	23.91	24.00	30.00	23.91	10.91	11.00	10.91
Mid	5550	23.91	24.00	30.00	23.91	10.91	11.00	10.91
High	5670	23.91	24.00	30.00	23.91	10.91	11.00	10.91
142	5710	23.91	24.00	30.00	23.91	10.91	11.00	10.91

Duty Cycle CF (dB)	0.11	Included in Calculations of Corr'd Power & PSD
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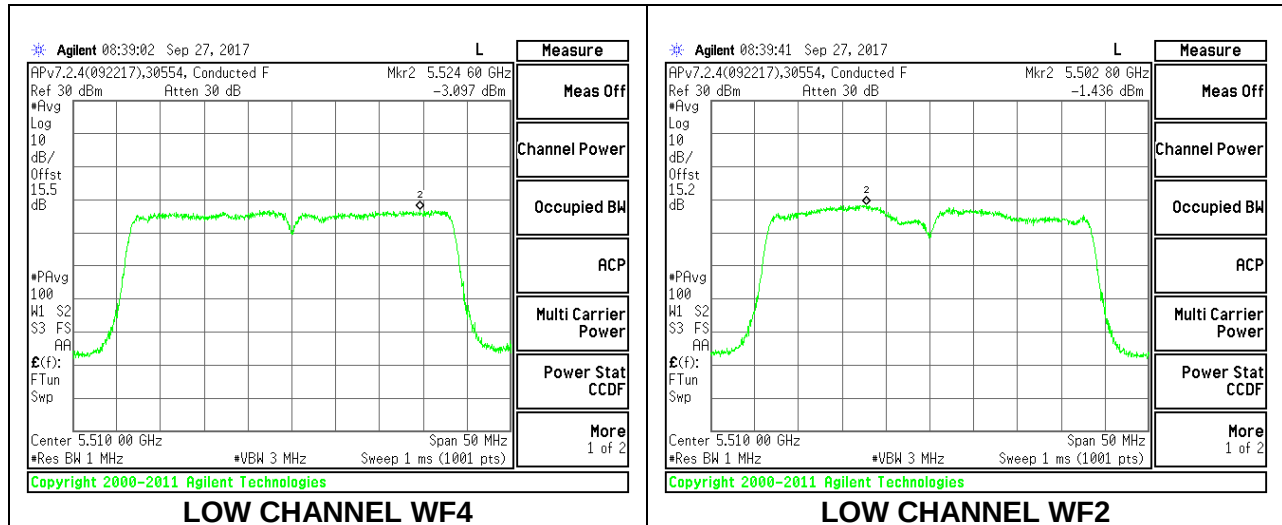
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.75	10.84	13.81	23.91	-10.10
Mid	5550	17.86	17.94	20.91	23.91	-3.00
High	5670	13.91	13.83	16.88	23.91	-7.03
142	5710	18.52	18.33	21.55	23.91	-2.36

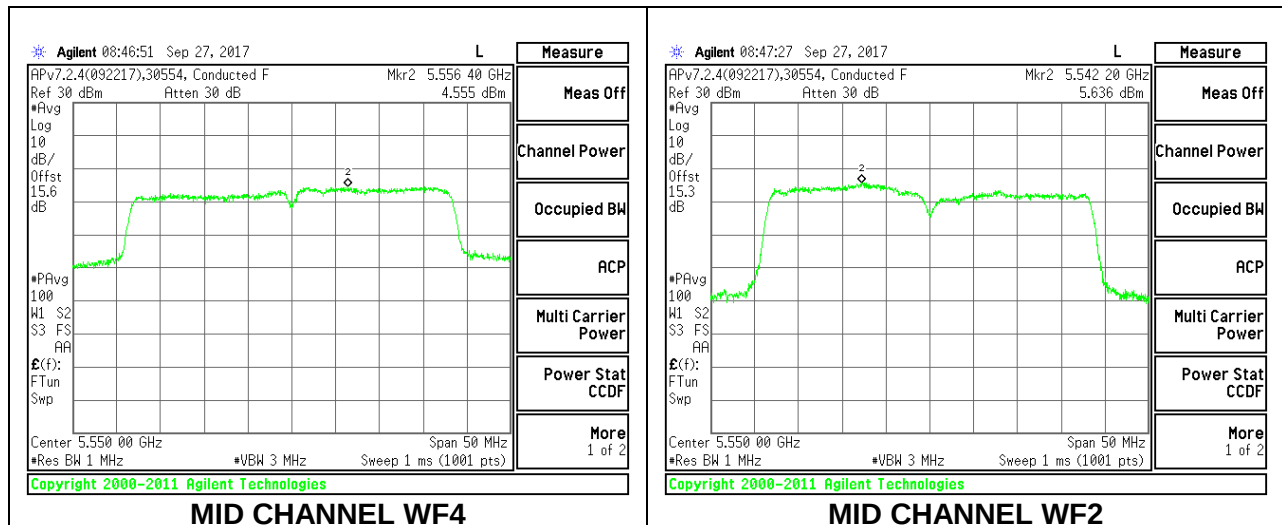
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5510	-3.10	-1.44	0.93	10.91	-9.98
Mid	5550	4.56	5.64	8.25	10.91	-2.66
High	5670	0.71	2.56	4.85	10.91	-6.06
142	5710	5.52	5.16	8.46	10.91	-2.45

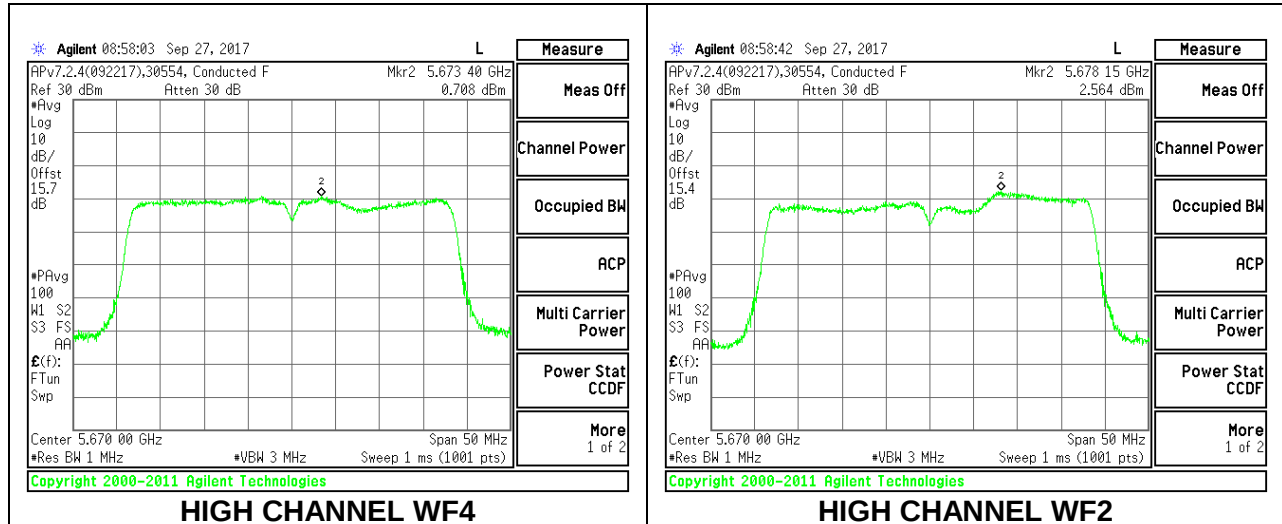
LOW CHANNEL



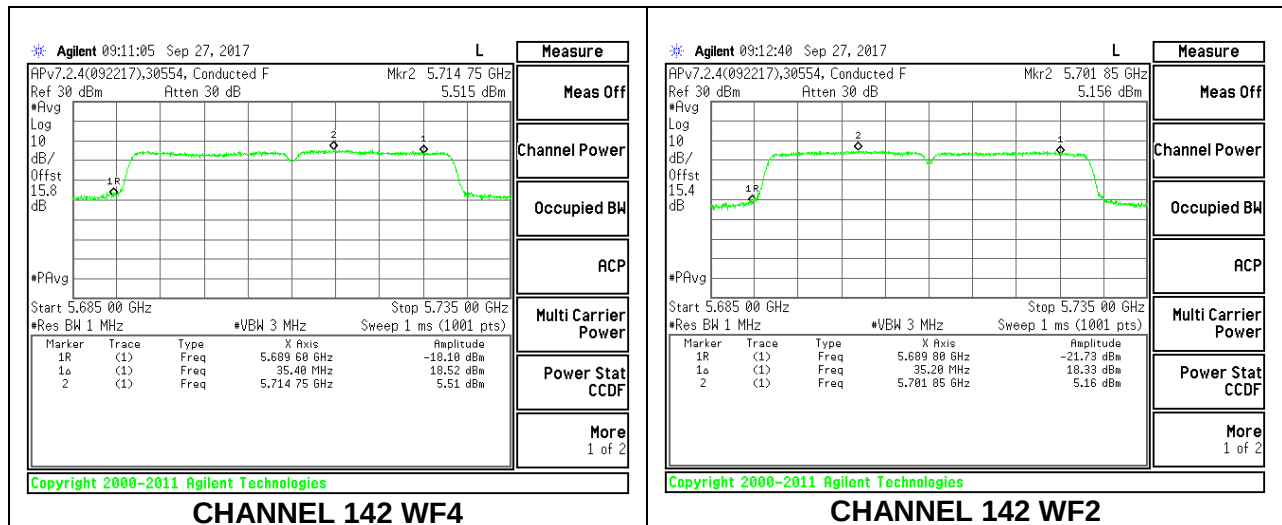
MID CHANNEL



HIGH CHANNEL



CHANNEL 142



2TX Antenna WF3 + Antenna WF2 CDD Mode

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	40.3000	36.2834	2.99	5.88
Mid	5550	40.4000	36.2736	2.99	5.88
High	5670	40.7000	36.1497	2.99	5.88
142	5710	40.5000	36.1531	2.99	5.88

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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)	0.18	Included in Calculations of Corr'd Power & PSD
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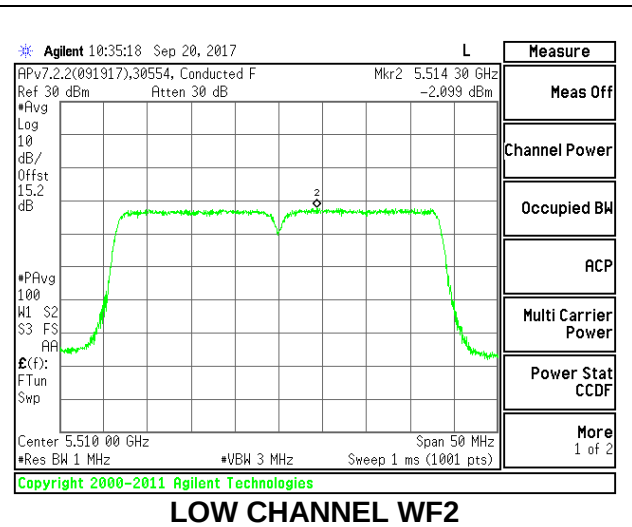
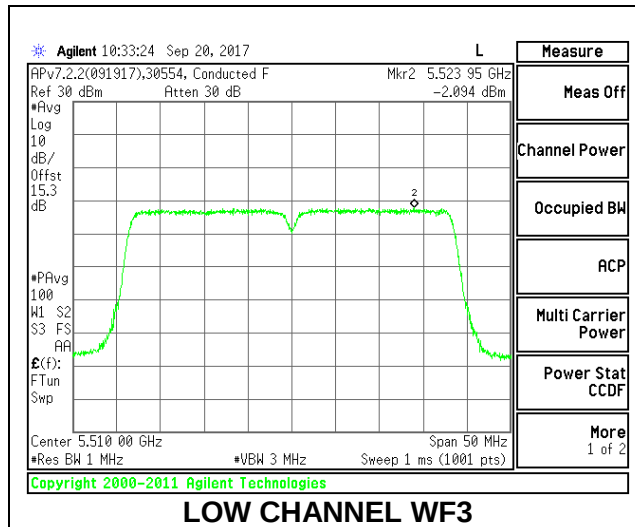
Output Power Results

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5510	11.89	11.81	14.86	24.00	-9.14
Mid	5550	17.85	17.92	20.90	24.00	-3.10
High	5670	15.88	15.99	18.95	24.00	-5.05
142	5710	18.47	18.42	21.46	24.00	-2.54

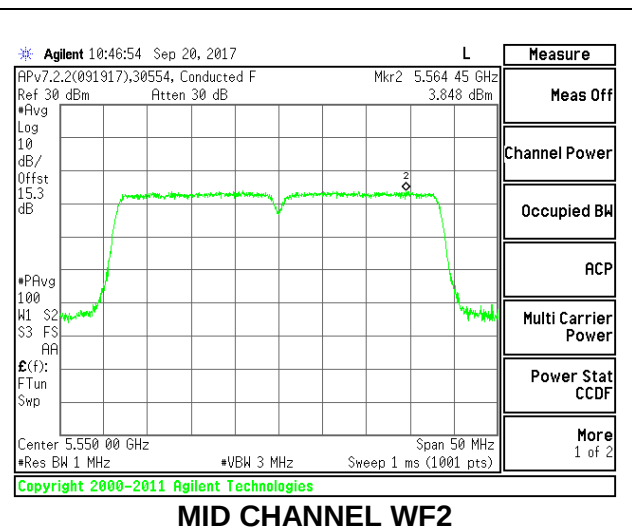
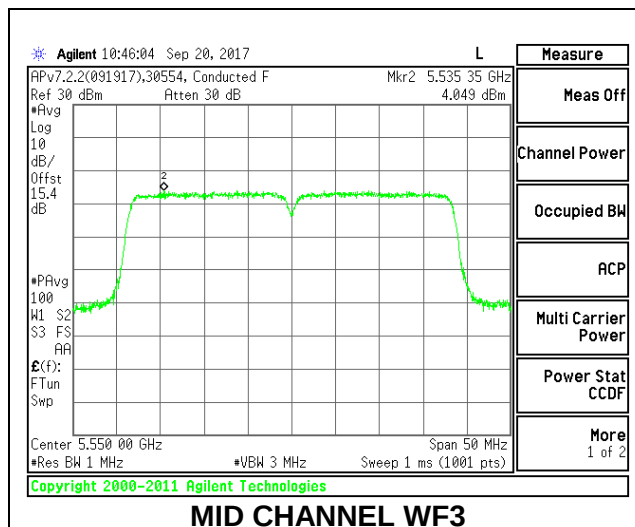
PSD Results

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margi (dB)
Low	5510	-2.09	-2.10	0.91	11.00	-10.09
Mid	5550	4.05	3.85	6.96	11.00	-4.04
High	5670	2.07	1.77	4.93	11.00	-6.07
142	5710	4.92	5.13	8.04	11.00	-2.96

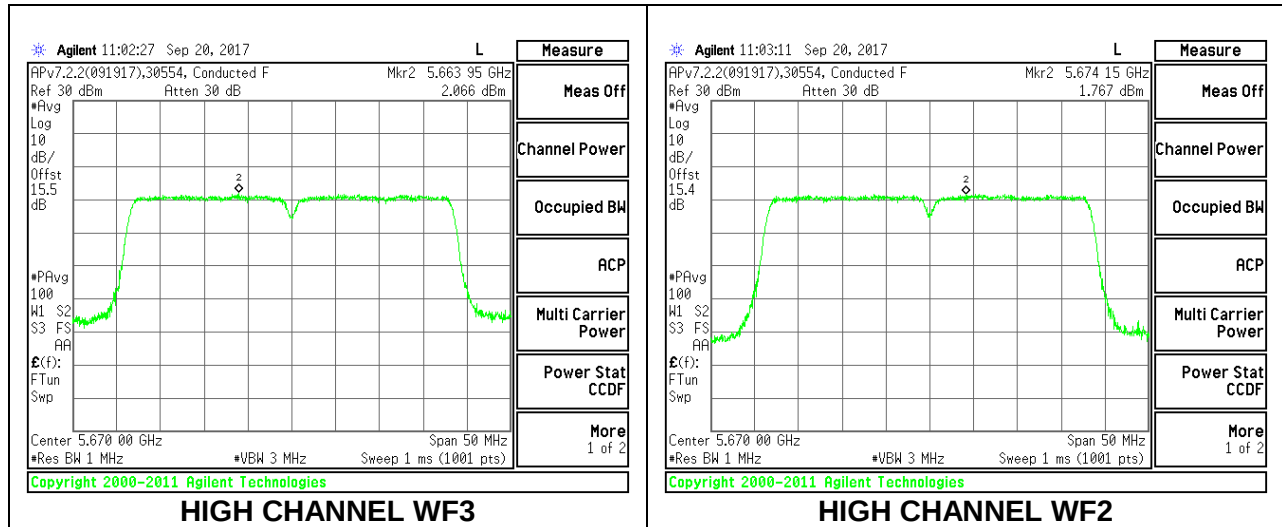
LOW CHANNEL



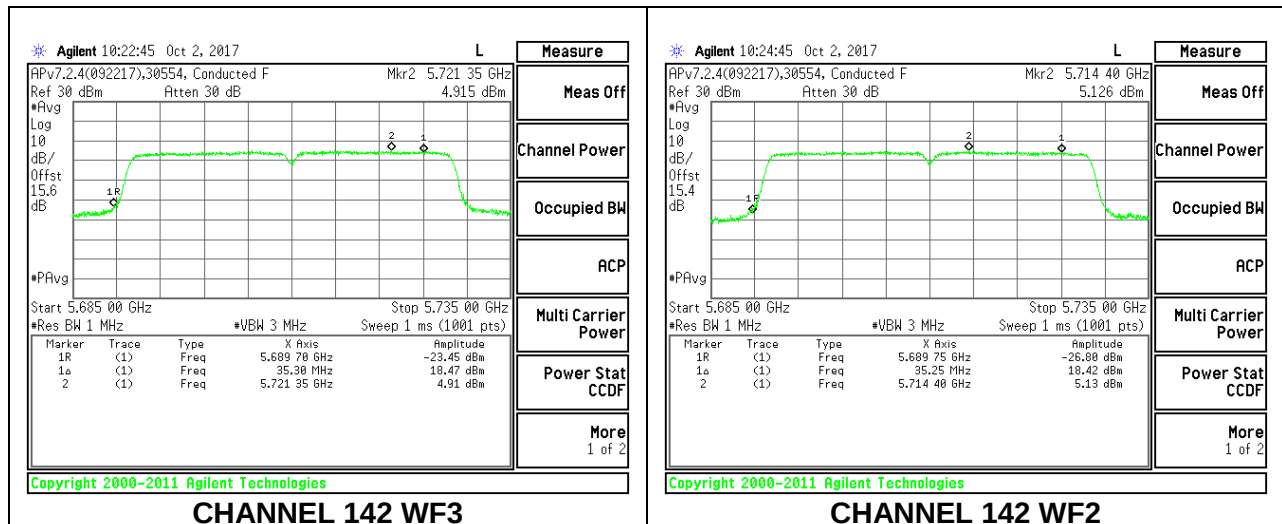
MID CHANNEL



HIGH CHANNEL



CHANNEL 142



2TX Antenna WF3 + Antenna WF2 SDM Mode

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	40.3000	36.2868	2.99	2.99
Mid	5550	40.5000	36.2440	2.99	2.99
High	5670	40.2000	36.3246	2.99	2.99
142	5710	40.4000	36.2444	2.99	2.99

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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)	0.29	Included in Calculations of Corr'd Power & PSD
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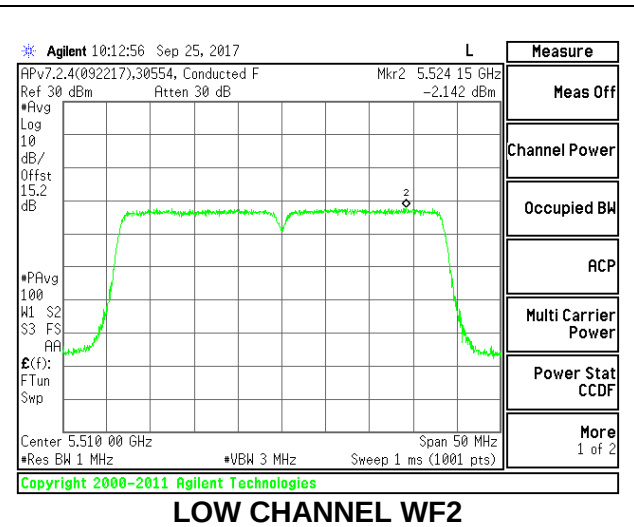
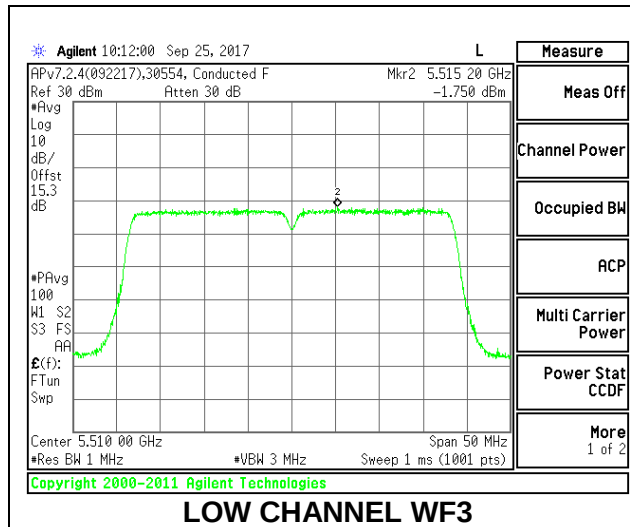
Output Power Results

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	11.84	11.92	14.89	24.00	-9.11
Mid	5550	17.94	17.76	20.86	24.00	-3.14
High	5670	15.90	15.84	18.88	24.00	-5.12
142	5710	18.90	19.09	22.30	24.00	-1.70

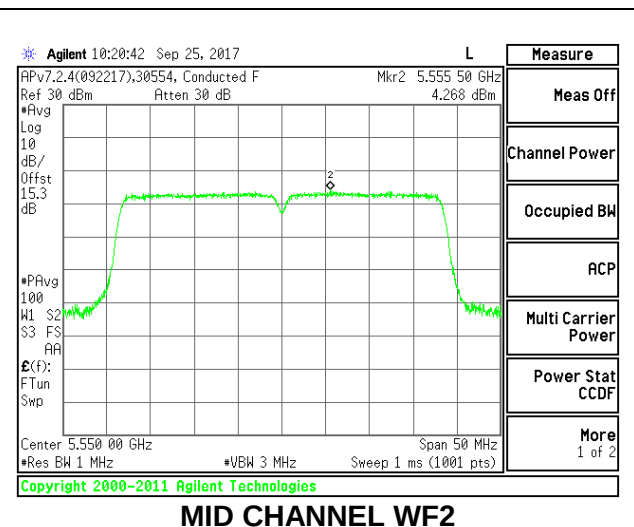
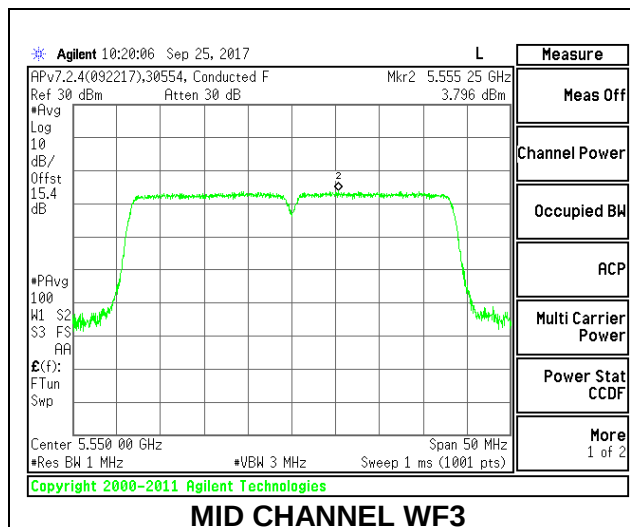
PSD Results

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5510	-1.75	-2.14	1.36	11.00	-9.64
Mid	5550	3.80	4.27	7.34	11.00	-3.66
High	5670	1.73	1.96	5.15	11.00	-5.85
142	5710	5.54	5.41	8.78	11.00	-2.22

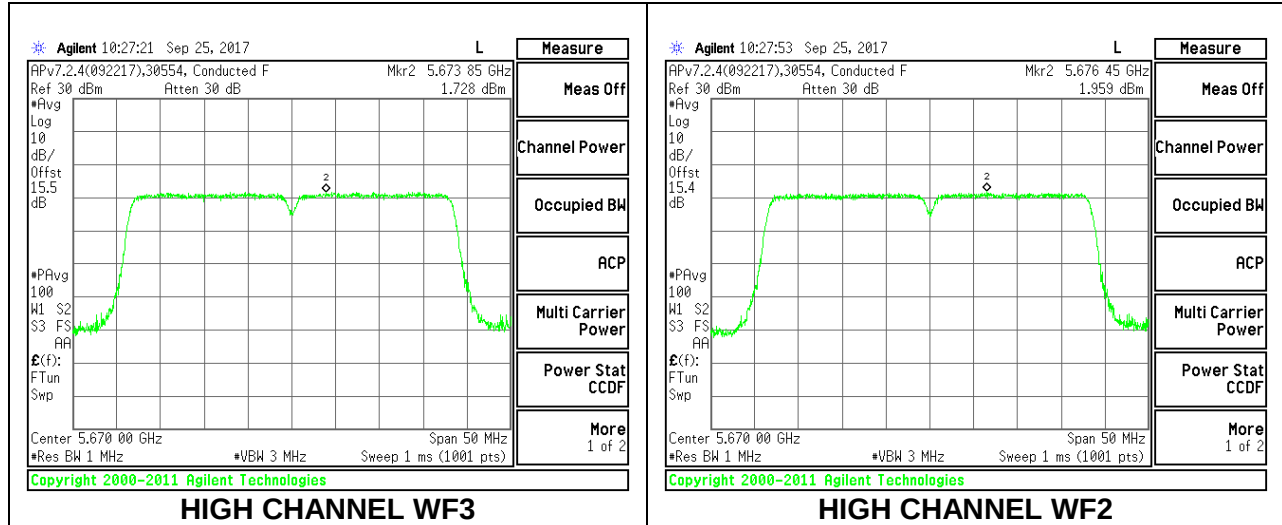
LOW CHANNEL



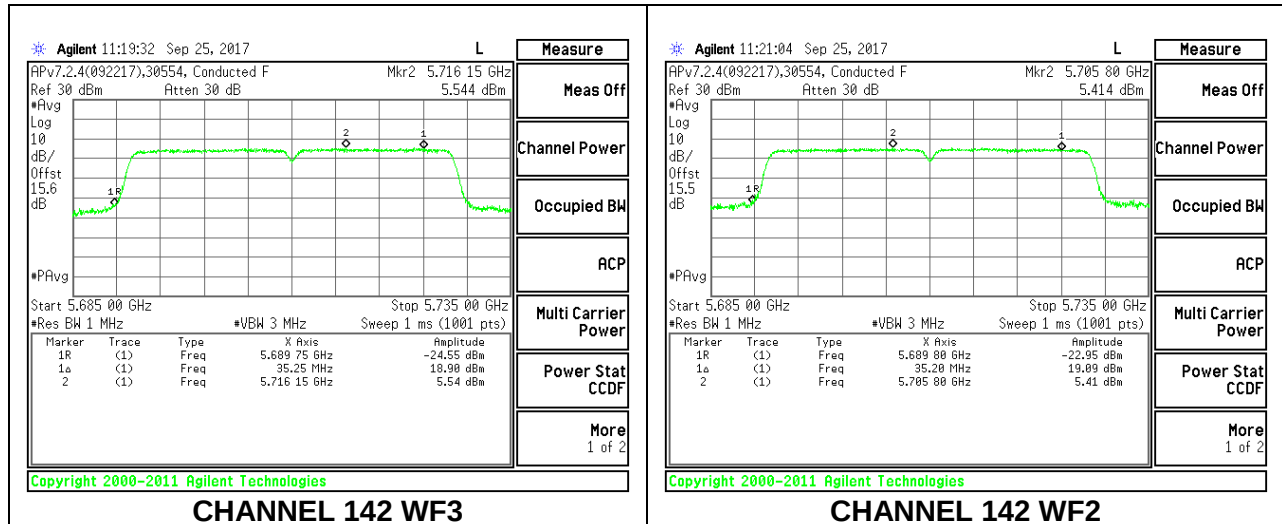
MID CHANNEL



HIGH CHANNEL



CHANNEL 142



2TX Antenna WF3 + Antenna WF2 BF Mode

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	40.3000	36.3039	5.88	5.88
Mid	5550	40.4000	34.5937	5.88	5.88
High	5670	40.3000	34.2609	5.88	5.88
142	5710	40.3000	35.8816	5.88	5.88

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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)	0.11	Included in Calculations of Corr'd Power & PSD
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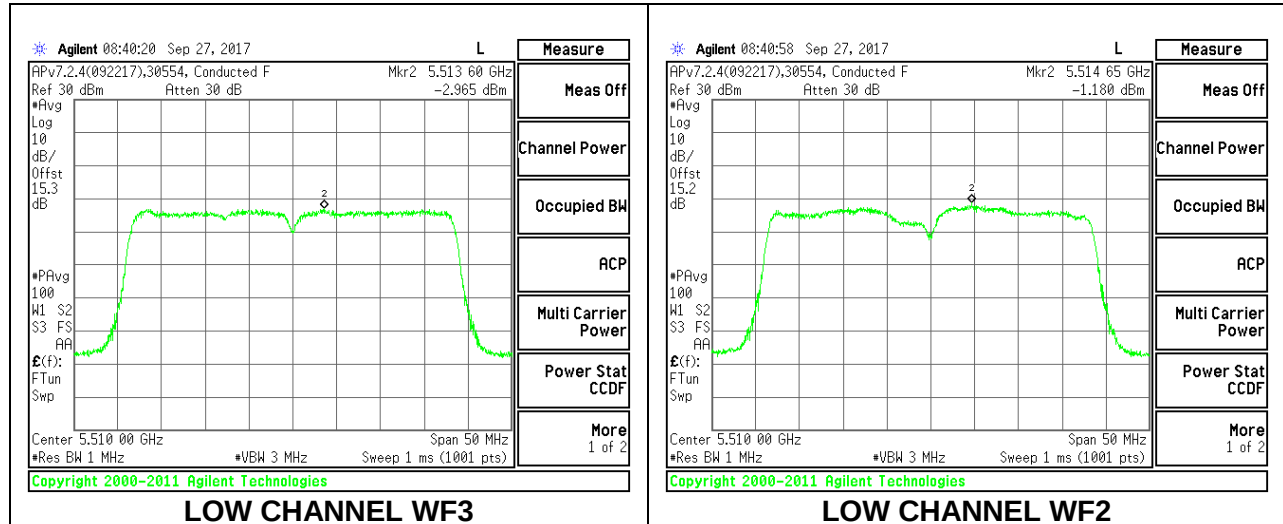
Output Power Results

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.85	10.92	13.90	24.00	-10.10
Mid	5550	17.94	17.86	20.91	24.00	-3.09
High	5670	13.94	13.90	16.93	24.00	-7.07
142	5710	18.51	18.26	21.51	24.00	-2.49

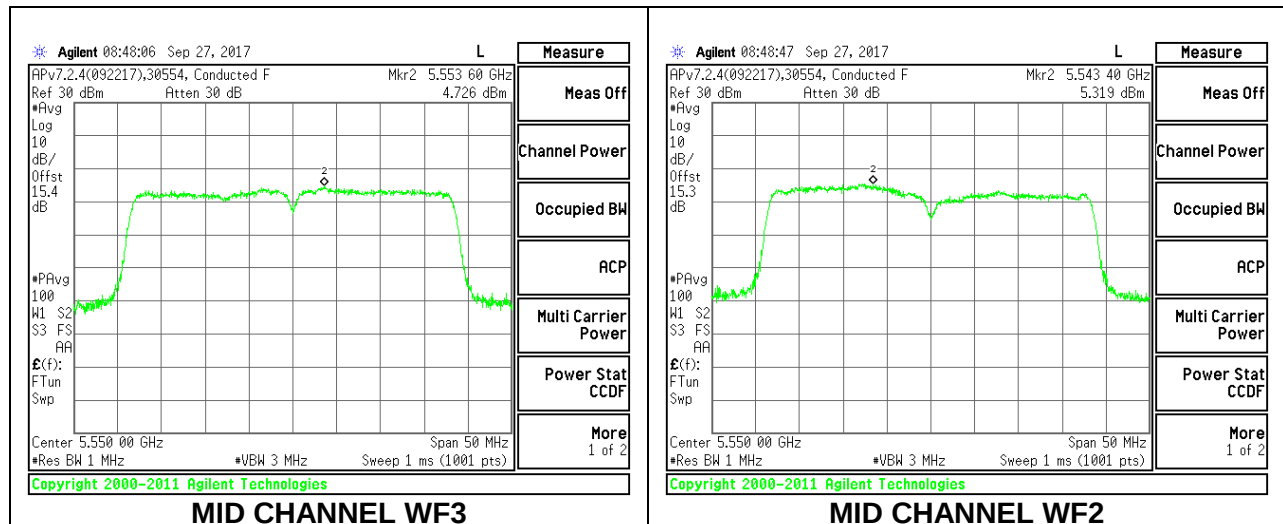
PSD Results

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5510	-2.97	-1.18	1.14	11.00	-9.86
Mid	5550	4.73	5.32	8.15	11.00	-2.85
High	5670	0.24	1.63	4.11	11.00	-6.89
142	5710	5.16	5.45	8.43	11.00	-2.57

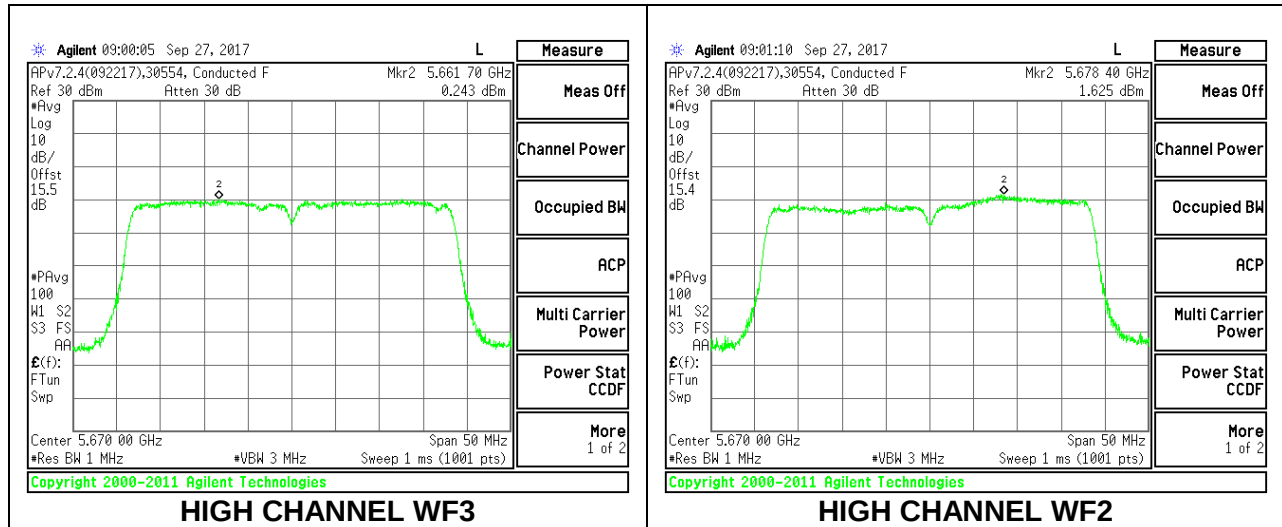
LOW CHANNEL



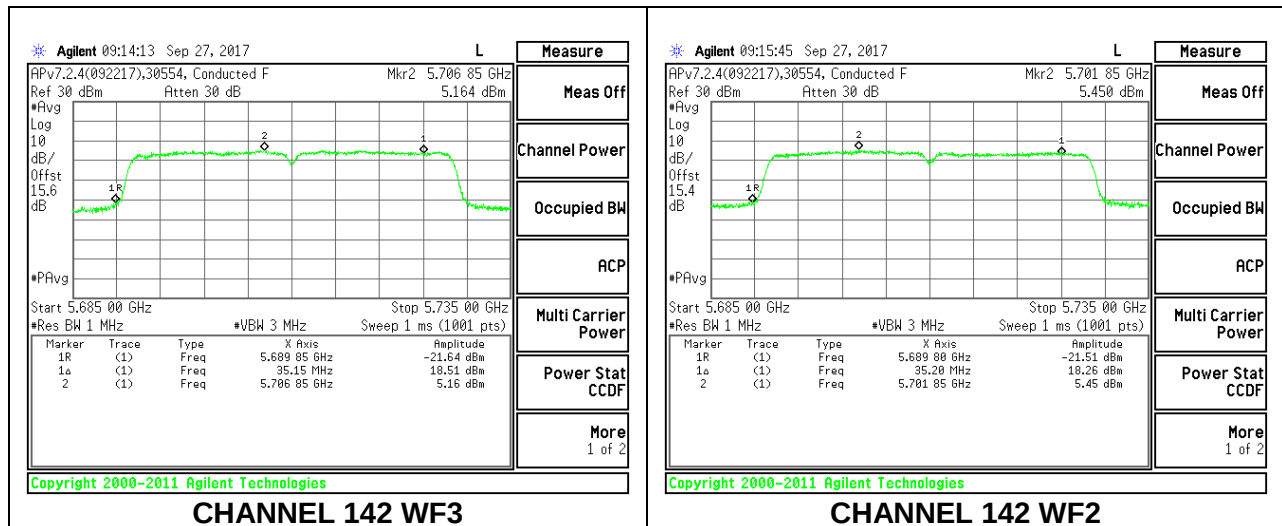
MID CHANNEL



HIGH CHANNEL



CHANNEL 142



3TX Antenna WF4 + Antenna WF3 + Antenna WF2 CDD Mode

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	40.6000	36.2205	2.63	7.30
Mid	5550	40.5000	35.9835	2.63	7.30
High	5670	40.4000	36.0958	2.63	7.30
142	5710	40.5000	36.2669	2.63	7.30

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
Low	5510	24.00	24.00	30.00	24.00	9.70	11.00	9.70
Mid	5550	24.00	24.00	30.00	24.00	9.70	11.00	9.70
High	5670	24.00	24.00	30.00	24.00	9.70	11.00	9.70
142	5710	24.00	24.00	30.00	24.00	9.70	11.00	9.70

Duty Cycle CF (dB)	0.25	Included in Calculations of Corr'd Power & PSD
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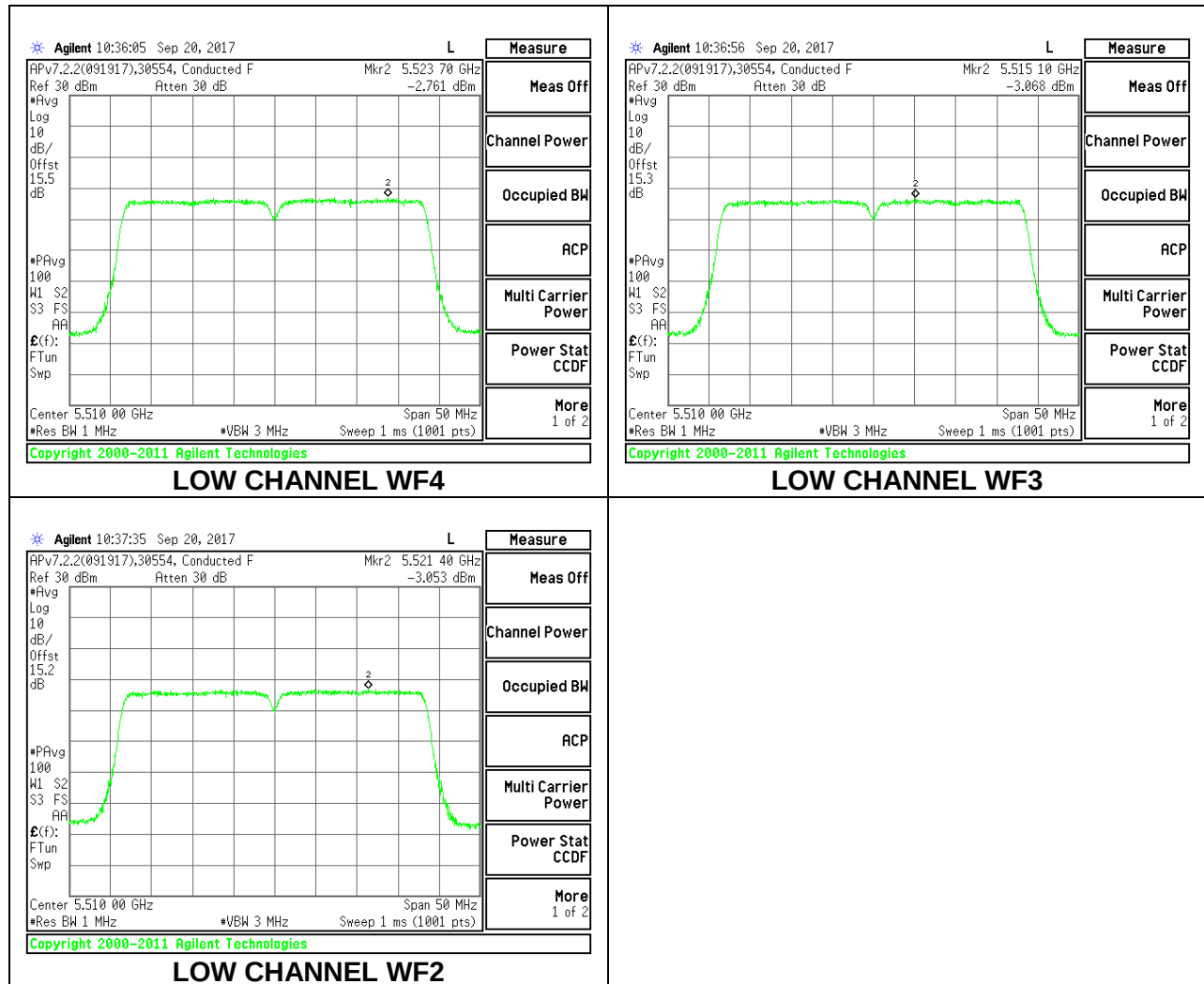
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.93	10.78	10.88	15.63	24.00	-8.37
Mid	5550	16.44	16.37	16.47	21.20	24.00	-2.80
High	5670	15.40	15.30	15.42	20.14	24.00	-3.86
142	5710	15.99	15.92	15.94	20.97	24.00	-3.03

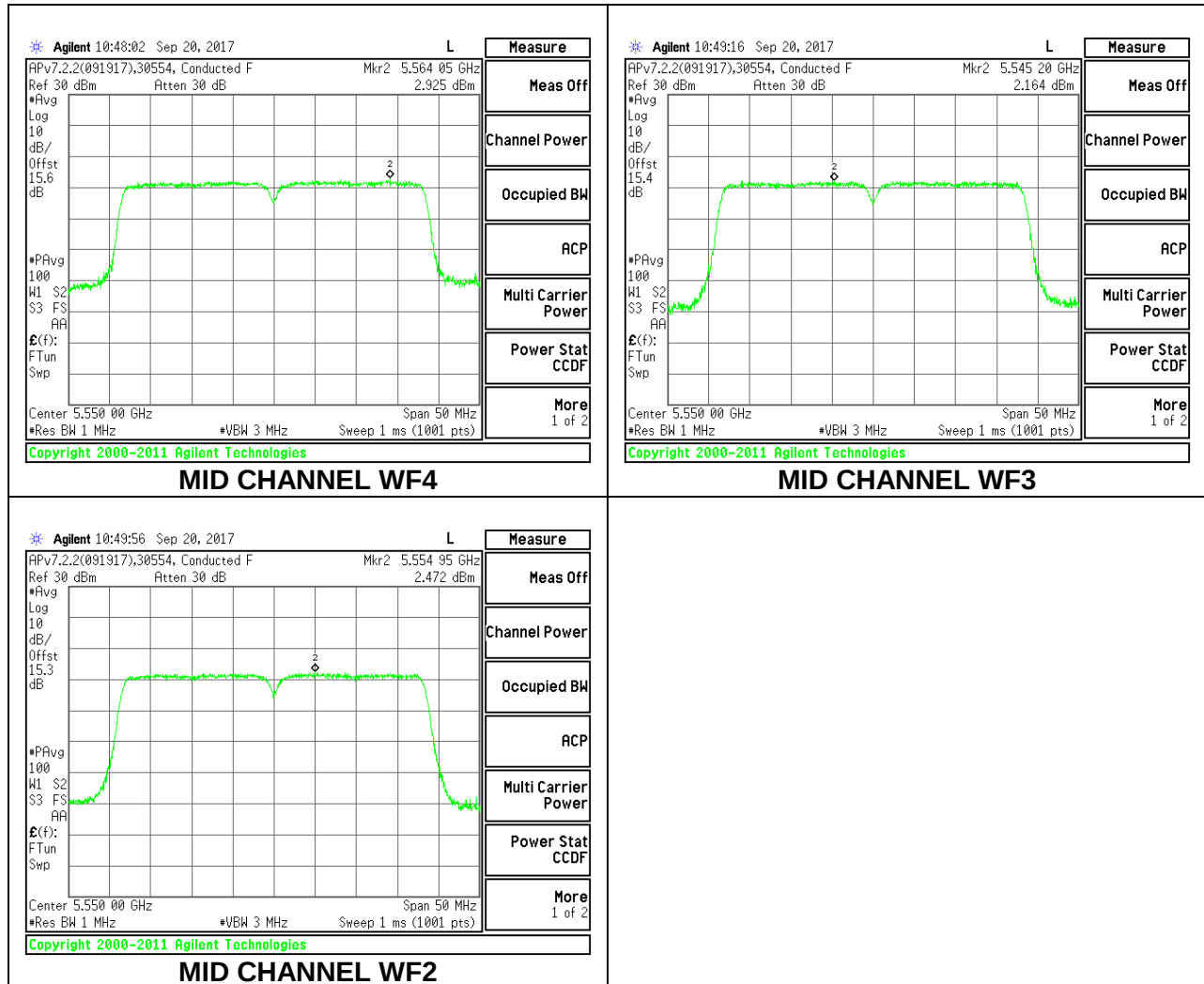
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5510	-2.76	-3.07	-3.05	2.06	9.70	-7.64
Mid	5550	2.93	2.16	2.47	7.55	9.70	-2.15
High	5670	1.38	1.26	1.63	6.45	9.70	-3.25
142	5710	2.27	2.44	2.30	7.36	9.70	-2.34

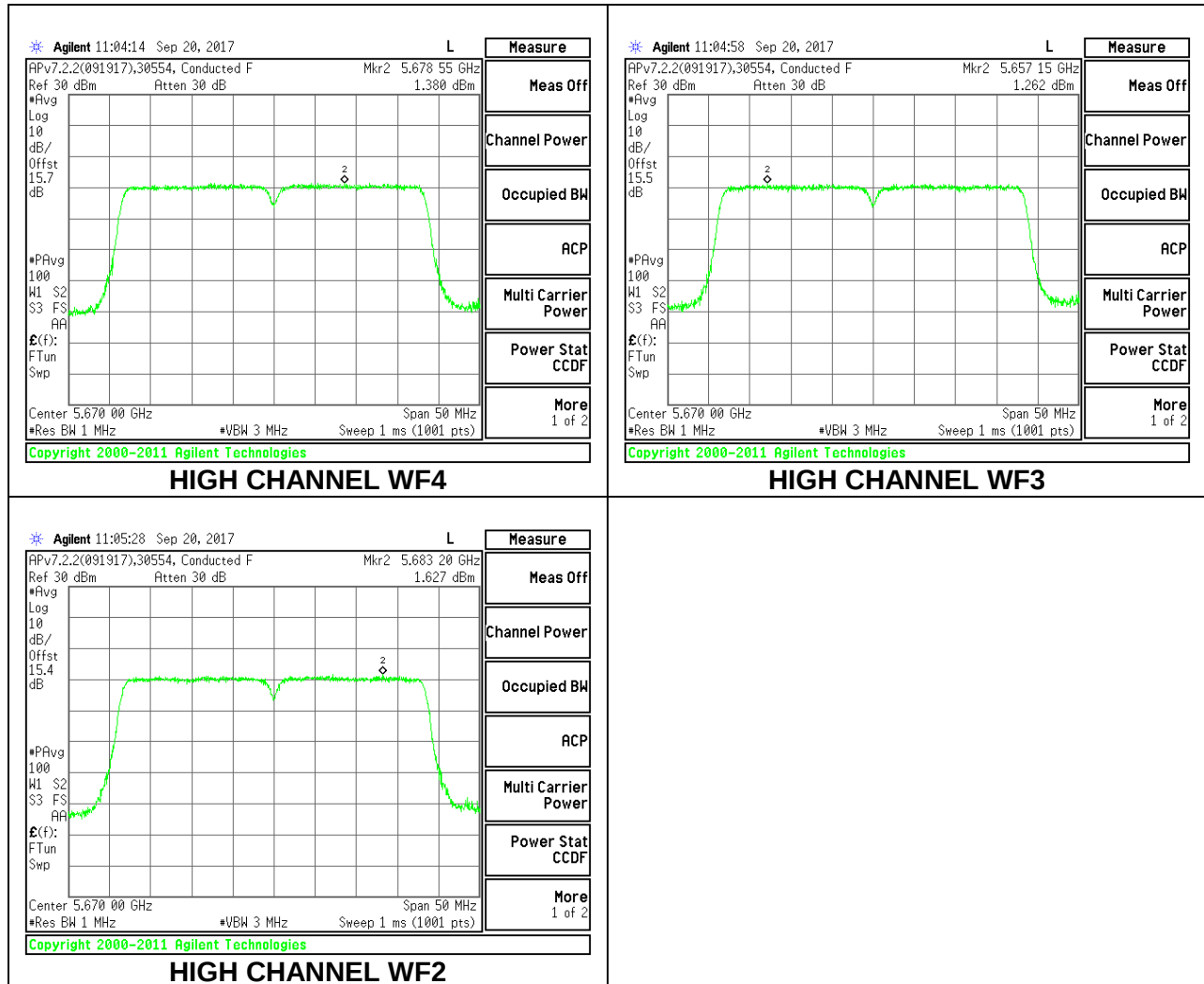
LOW CHANNEL



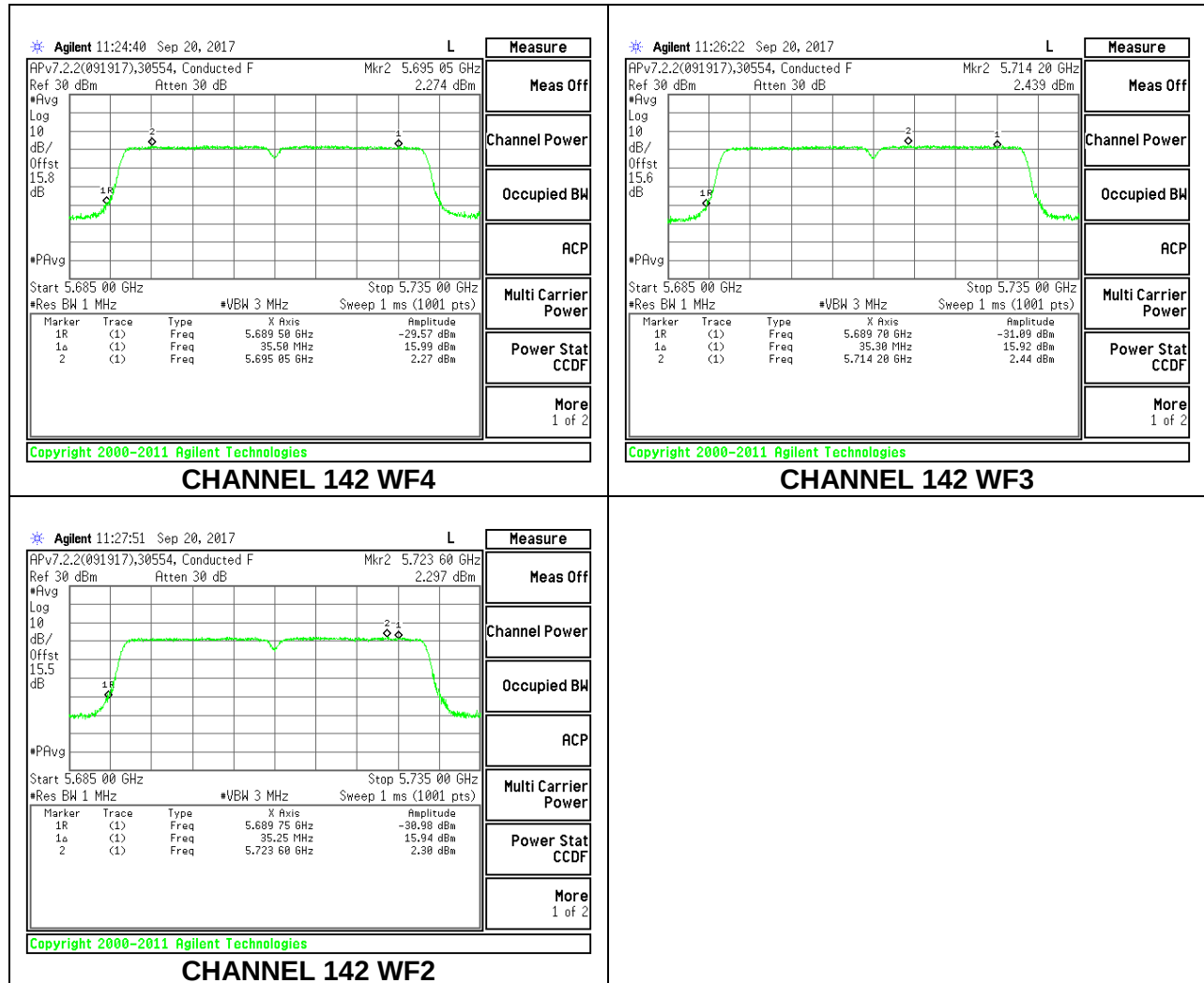
MID CHANNEL



HIGH CHANNEL



CHANNEL 142



3TX Antenna WF4 + Antenna WF3 + Antenna WF2 SDM Mode

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	40.3000	36.2989	2.63	2.63
Mid	5550	40.5000	36.1570	2.63	2.63
High	5670	40.5000	36.2611	2.63	2.63
142	5710	40.4000	36.3354	2.63	2.63

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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)	0.26	Included in Calculations of Corr'd Power & PSD
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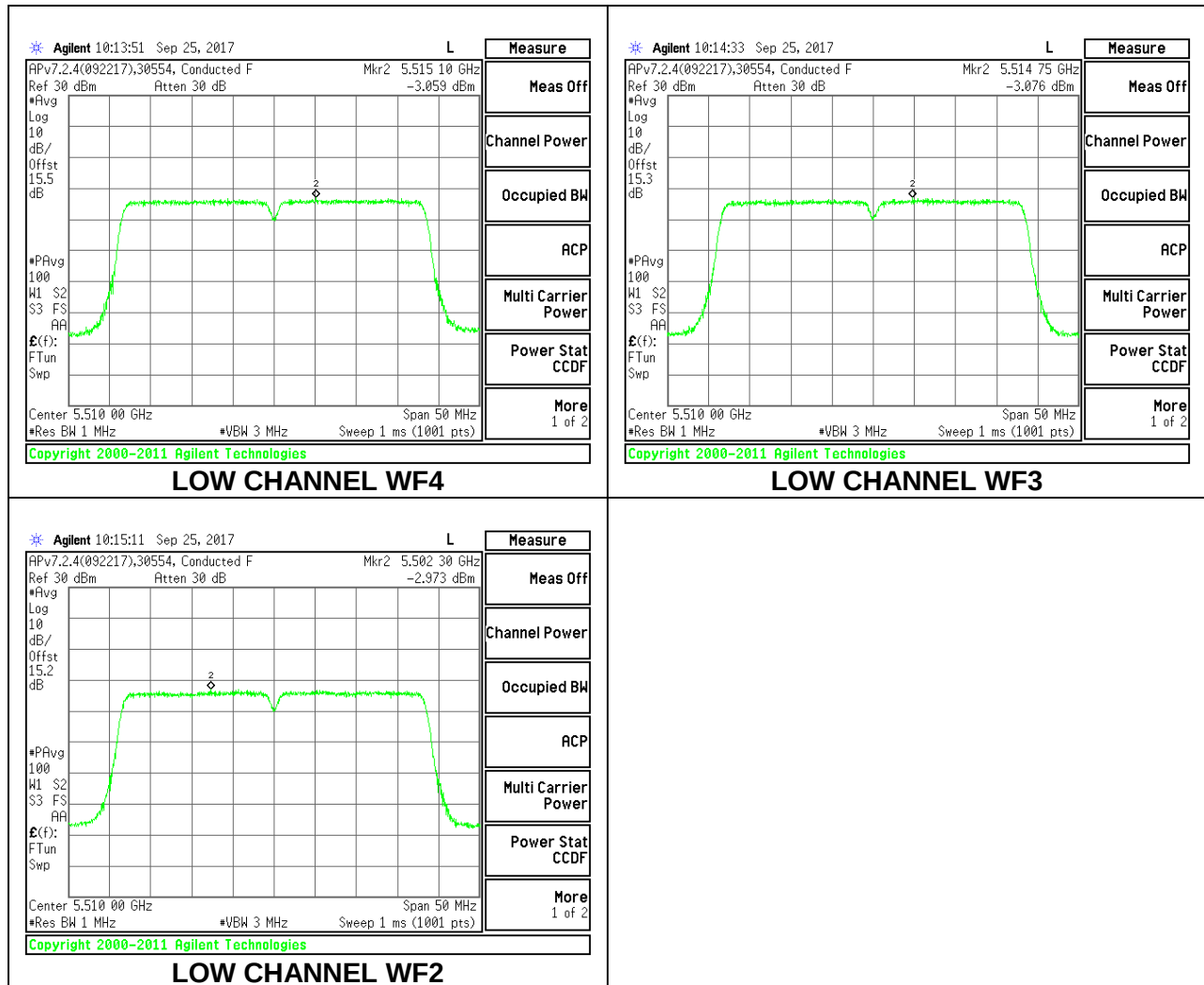
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.85	10.74	10.91	15.61	24.00	-8.39
Mid	5550	16.89	16.95	16.84	21.66	24.00	-2.34
High	5670	15.94	15.91	15.90	20.69	24.00	-3.31
142	5710	17.14	16.97	17.07	22.09	24.00	-1.91

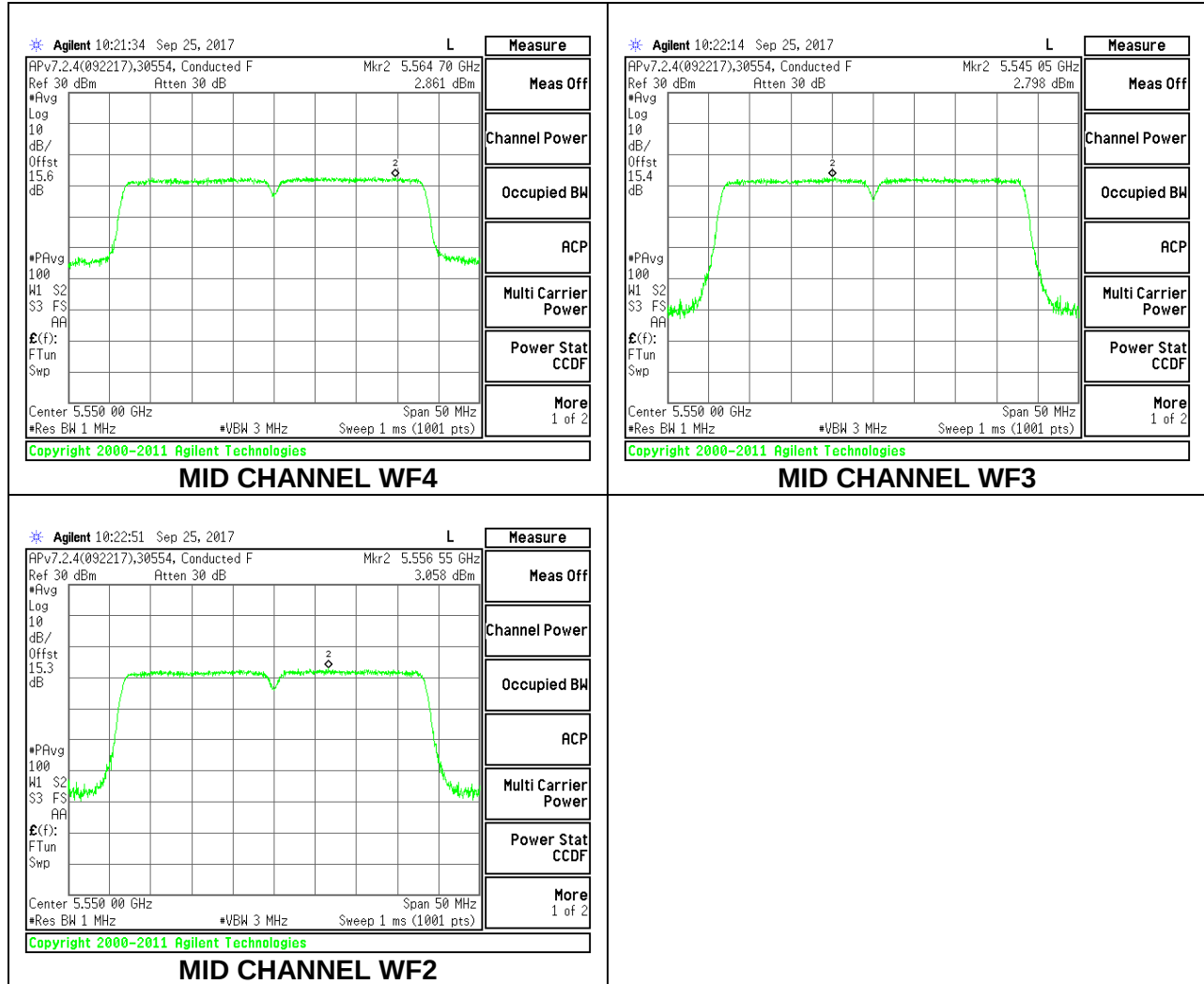
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5510	-3.06	-3.08	-2.97	2.00	11.00	-9.00
Mid	5550	2.86	2.80	3.06	7.94	11.00	-3.06
High	5670	1.87	1.73	2.06	6.92	11.00	-4.08
142	5710	3.51	3.18	3.29	8.36	11.00	-2.64

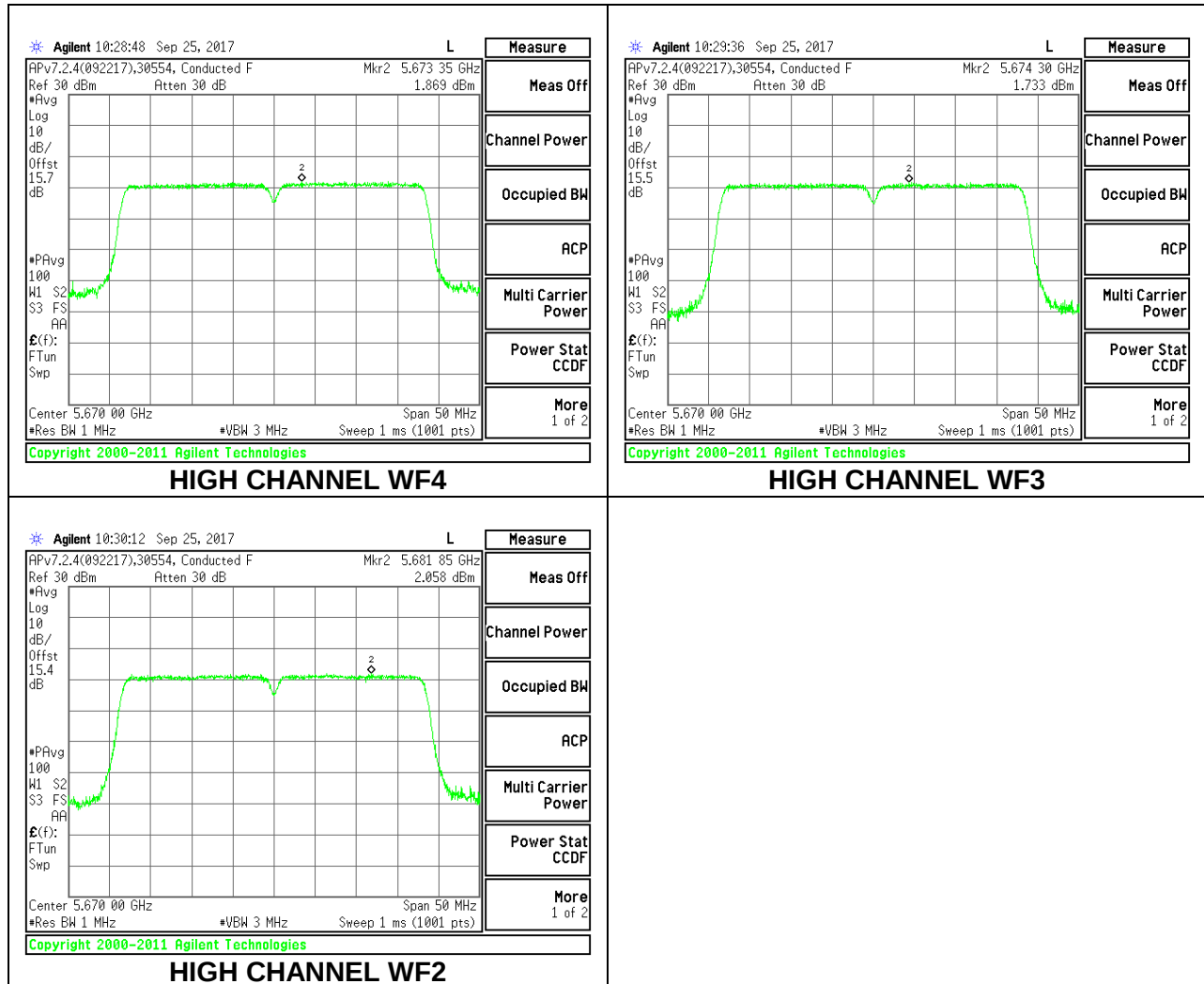
LOW CHANNEL



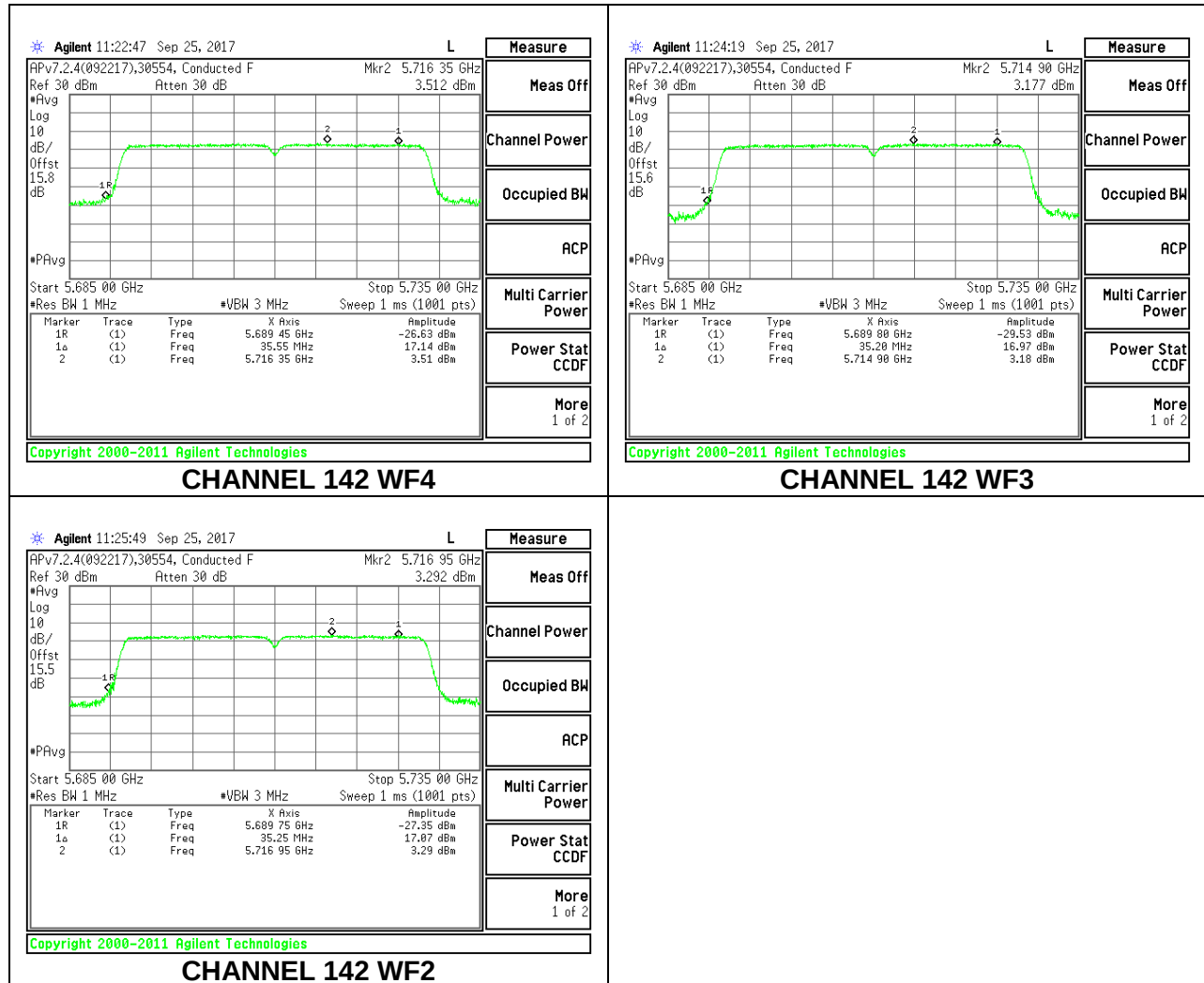
MID CHANNEL



HIGH CHANNEL



CHANNEL 142



3TX Antenna WF4 + Antenna WF3 + Antenna WF2 BF Mode

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	40.4000	31.6865	0.30	7.30
Mid	5550	40.4000	35.4852	7.30	7.30
High	5670	40.3000	33.1786	7.30	7.30
142	5710	40.3000	34.1227	7.30	7.30

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
Low	5510	24.00	24.00	30.00	24.00	9.70	11.00	9.70
Mid	5550	22.70	24.00	30.00	22.70	9.70	11.00	9.70
High	5670	22.70	24.00	30.00	22.70	9.70	11.00	9.70
142	5710	22.70	24.00	30.00	22.70	9.70	11.00	9.70

Duty Cycle CF (dB)	0.35	Included in Calculations of Corr'd Power & PSD
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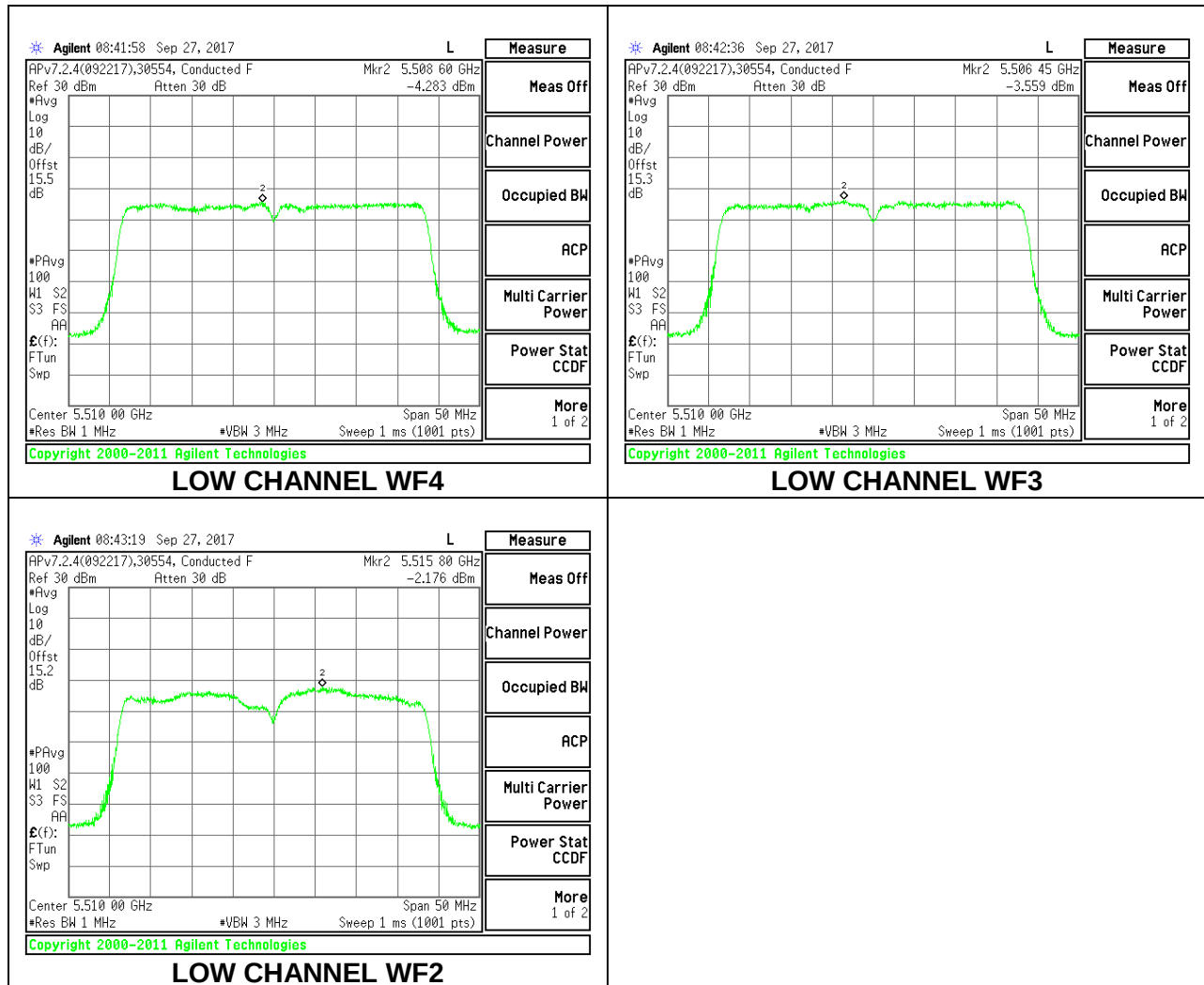
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	9.96	9.91	9.99	14.72	24.00	-9.28
Mid	5550	16.39	16.45	16.44	21.20	22.70	-1.50
High	5670	13.98	13.95	13.90	18.71	22.70	-3.99
142	5710	15.74	16.05	15.90	21.02	22.70	-1.68

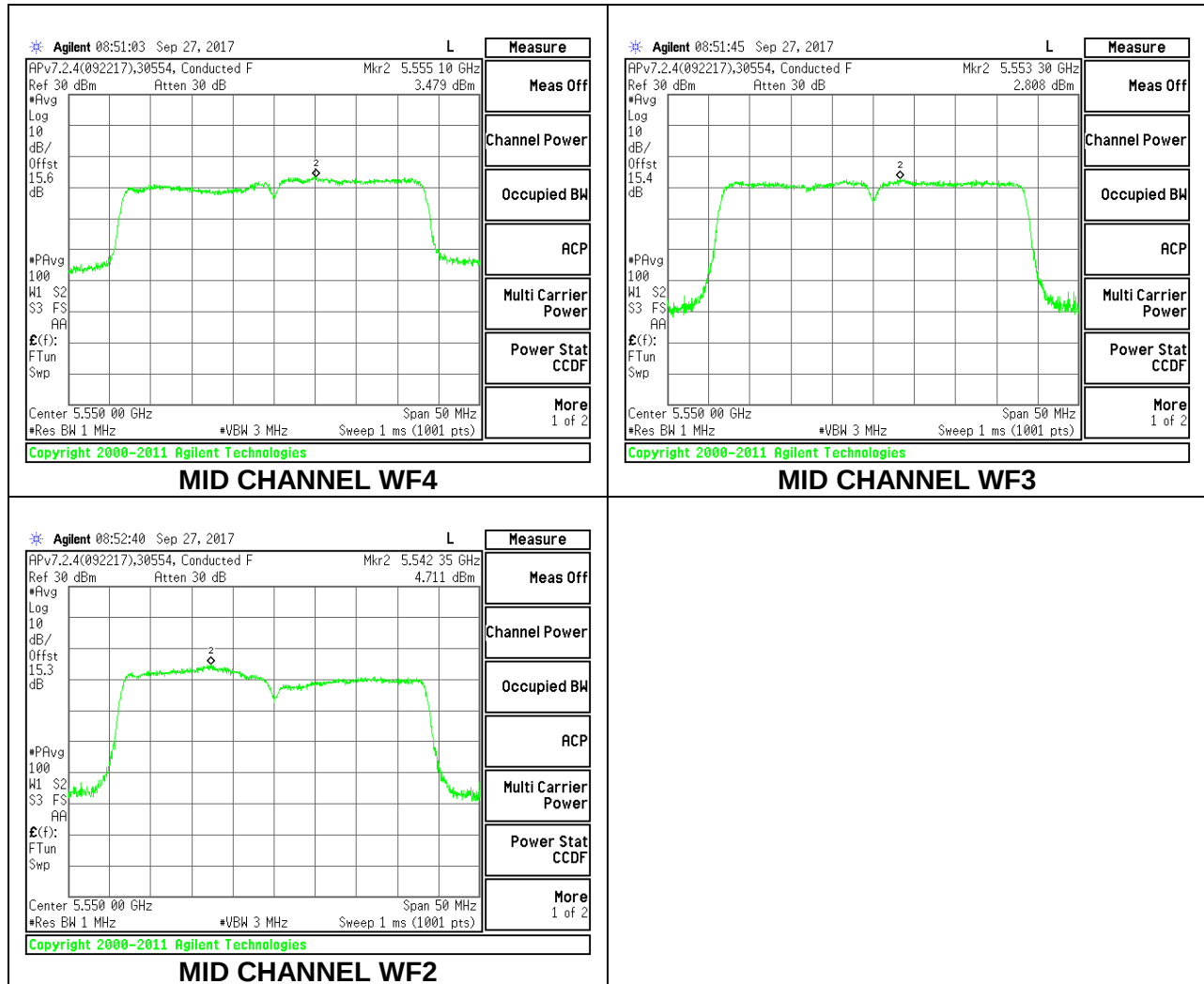
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5510	-4.28	-3.56	-2.18	1.87	9.70	-7.83
Mid	5550	3.48	2.81	4.71	8.86	9.70	-0.84
High	5670	0.21	0.51	2.47	6.30	9.70	-3.40
142	5710	2.47	3.20	2.47	7.85	9.70	-1.85

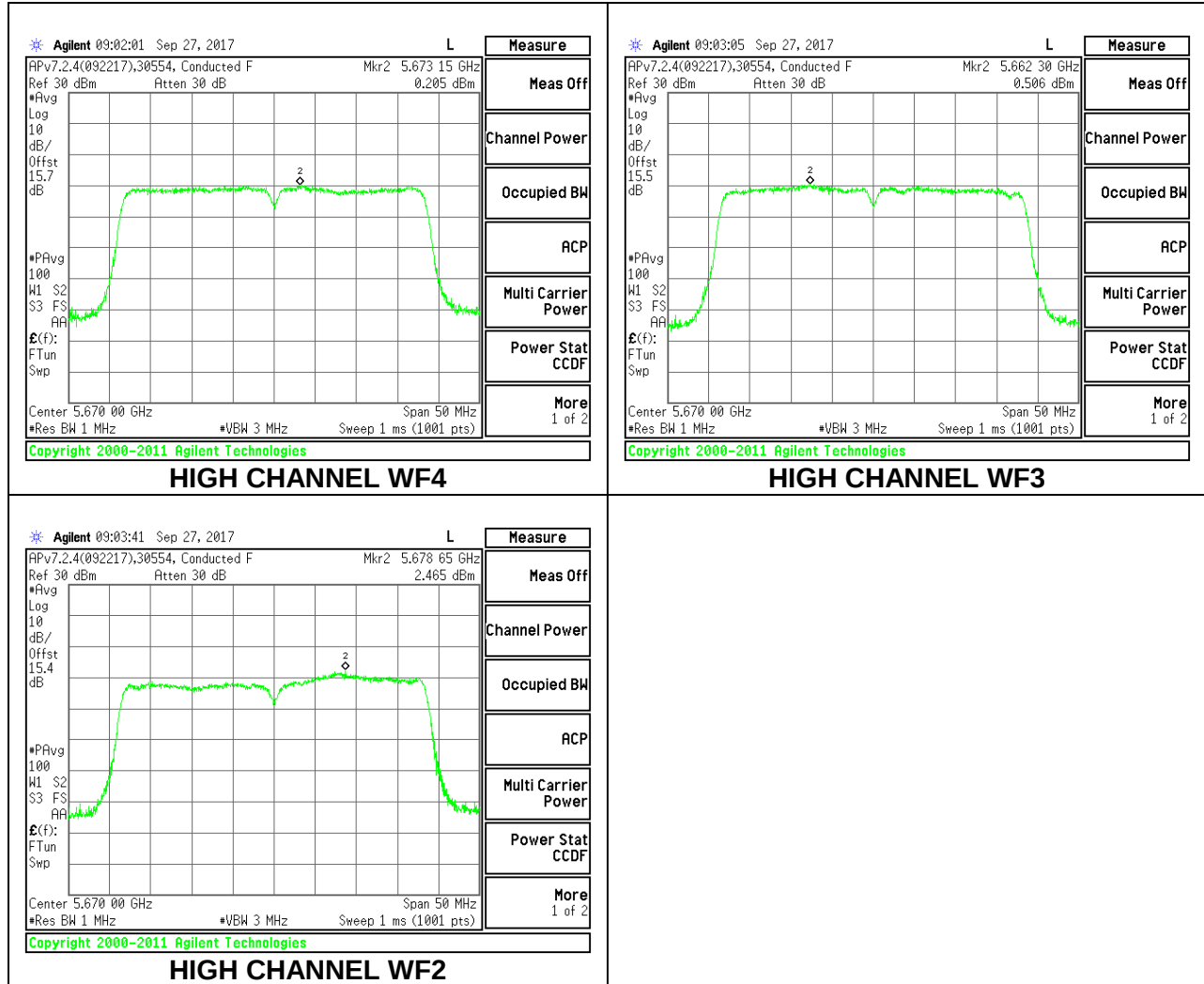
LOW CHANNEL



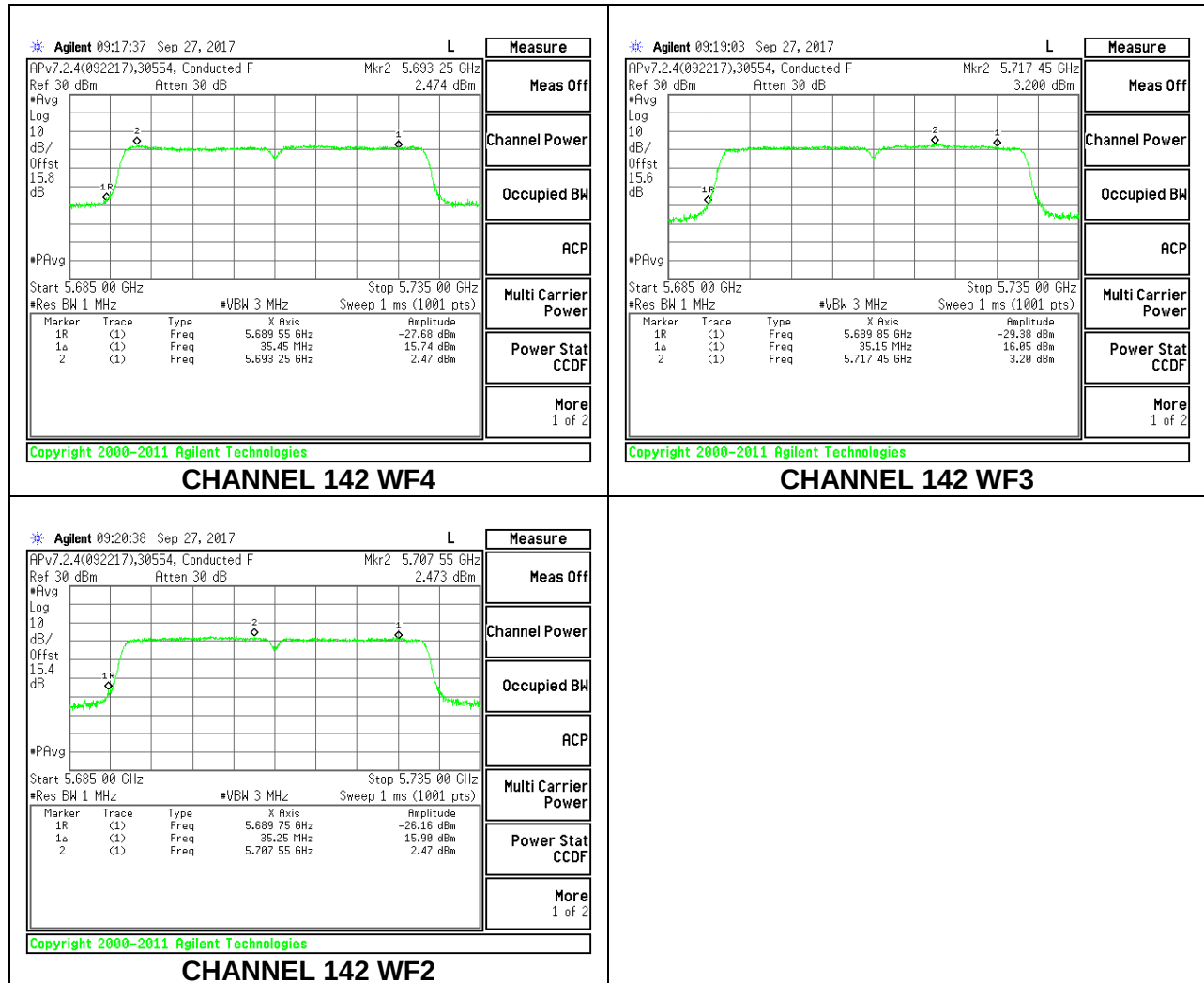
MID CHANNEL



HIGH CHANNEL



CHANNEL 142



4.5.9. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Antenna WF4

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	83.400	75.525	1.80
High	5610	83.200	75.599	1.80
138	5690	83.000	75.531	1.80

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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

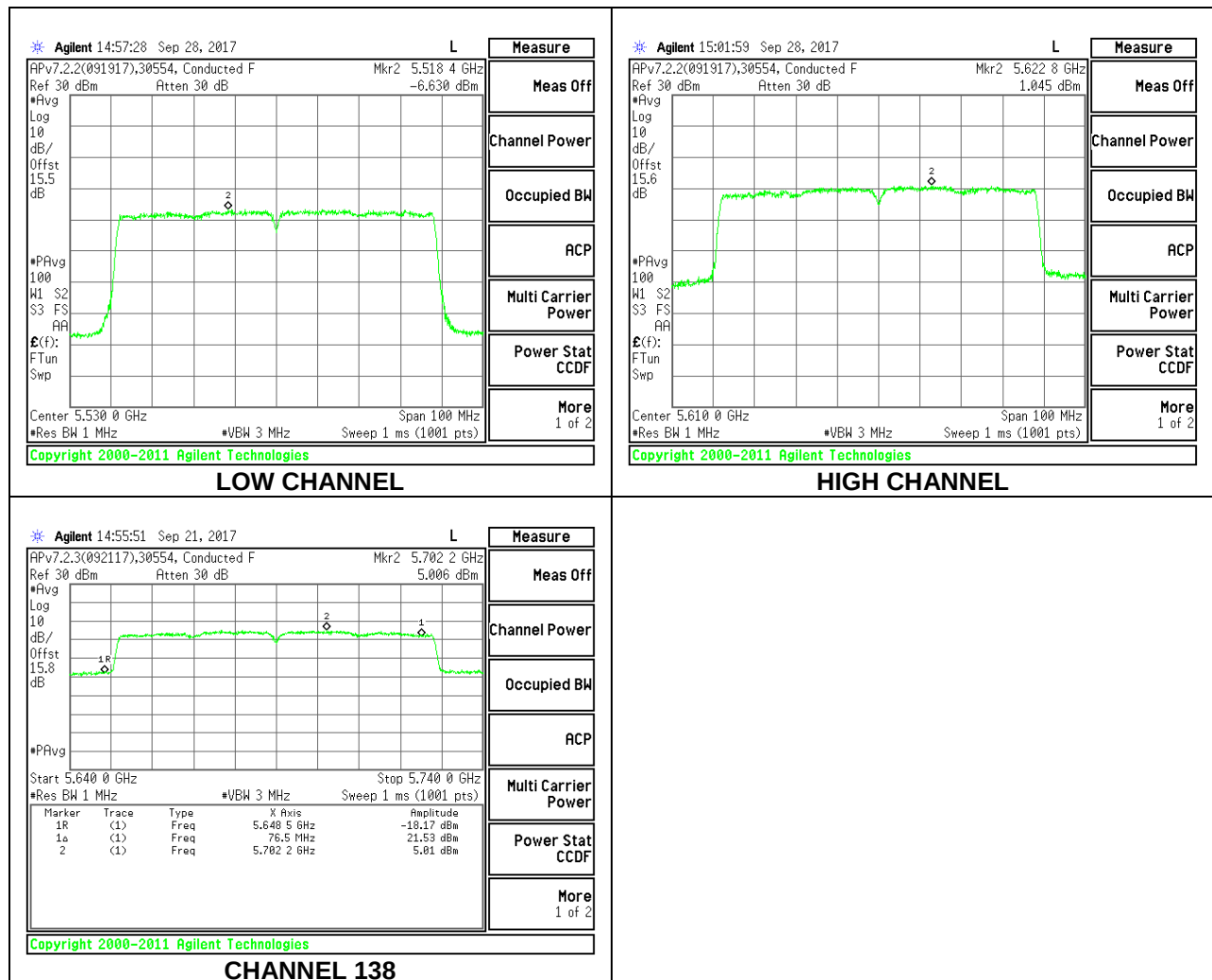
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.20	10.20	24.00	-13.80
High	5610	17.73	17.73	24.00	-6.27
138	5690	21.53	21.73	24.00	-2.27

PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5530	-6.630	-6.630	11.00	-17.63
High	5610	1.045	1.045	11.00	-9.96
138	5690	5.006	5.006	11.00	-5.99



1TX Antenna WF3

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	83.200	75.940	1.30
High	5610	82.800	75.461	1.30
138	5690	83.000	75.894	1.30

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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

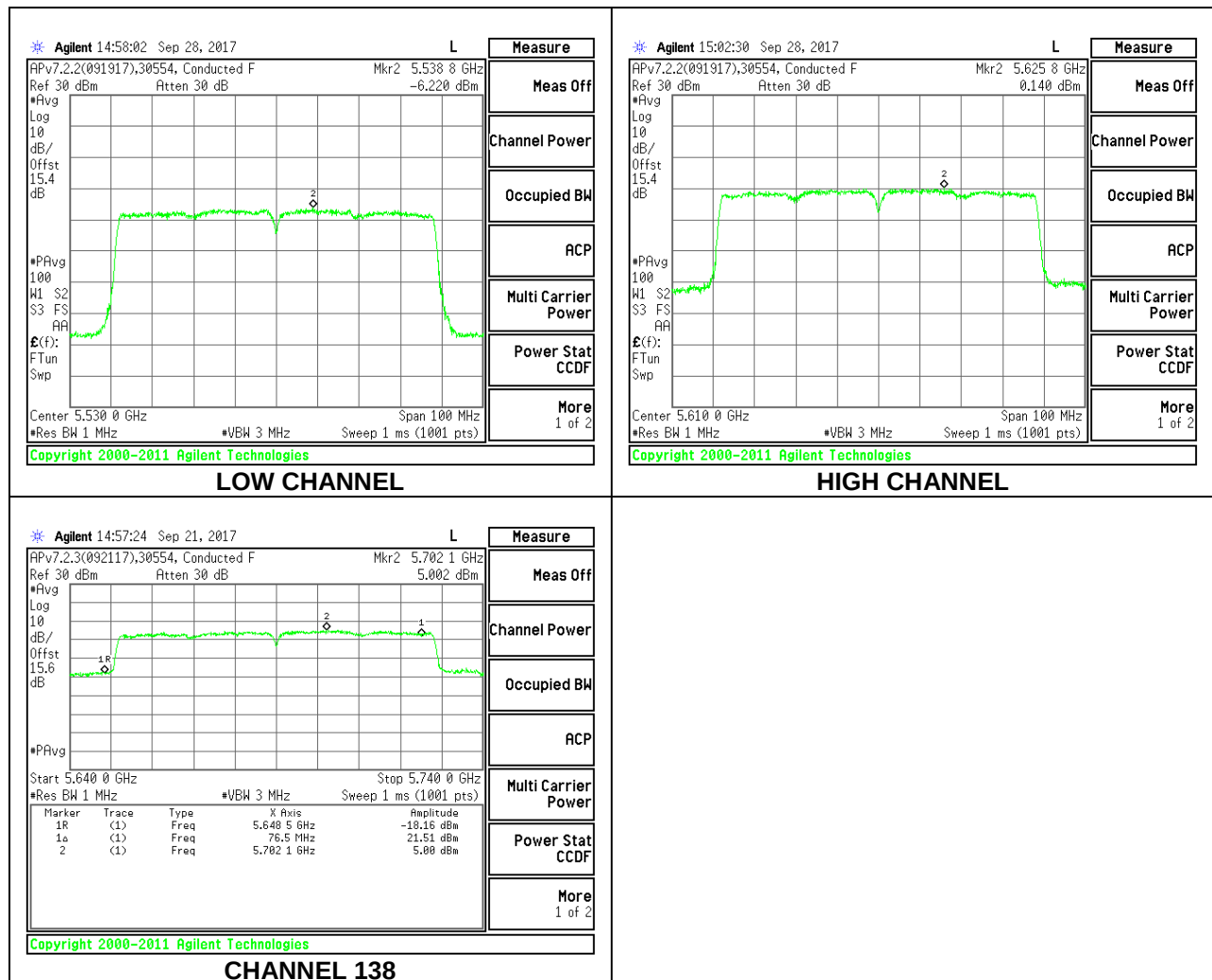
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.19	10.19	24.00	-13.81
High	5610	17.68	17.68	24.00	-6.32
138	5690	21.51	21.71	24.00	-2.29

PSD Results

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5530	-6.220	-6.220	11.00	-17.22
High	5610	0.140	0.140	11.00	-10.86
138	5690	5.002	5.002	11.00	-6.00



1TX Antenna WF2

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	82.800	75.506	4.20
High	5610	82.600	75.334	4.20
138	5690	82.600	75.744	4.20

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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

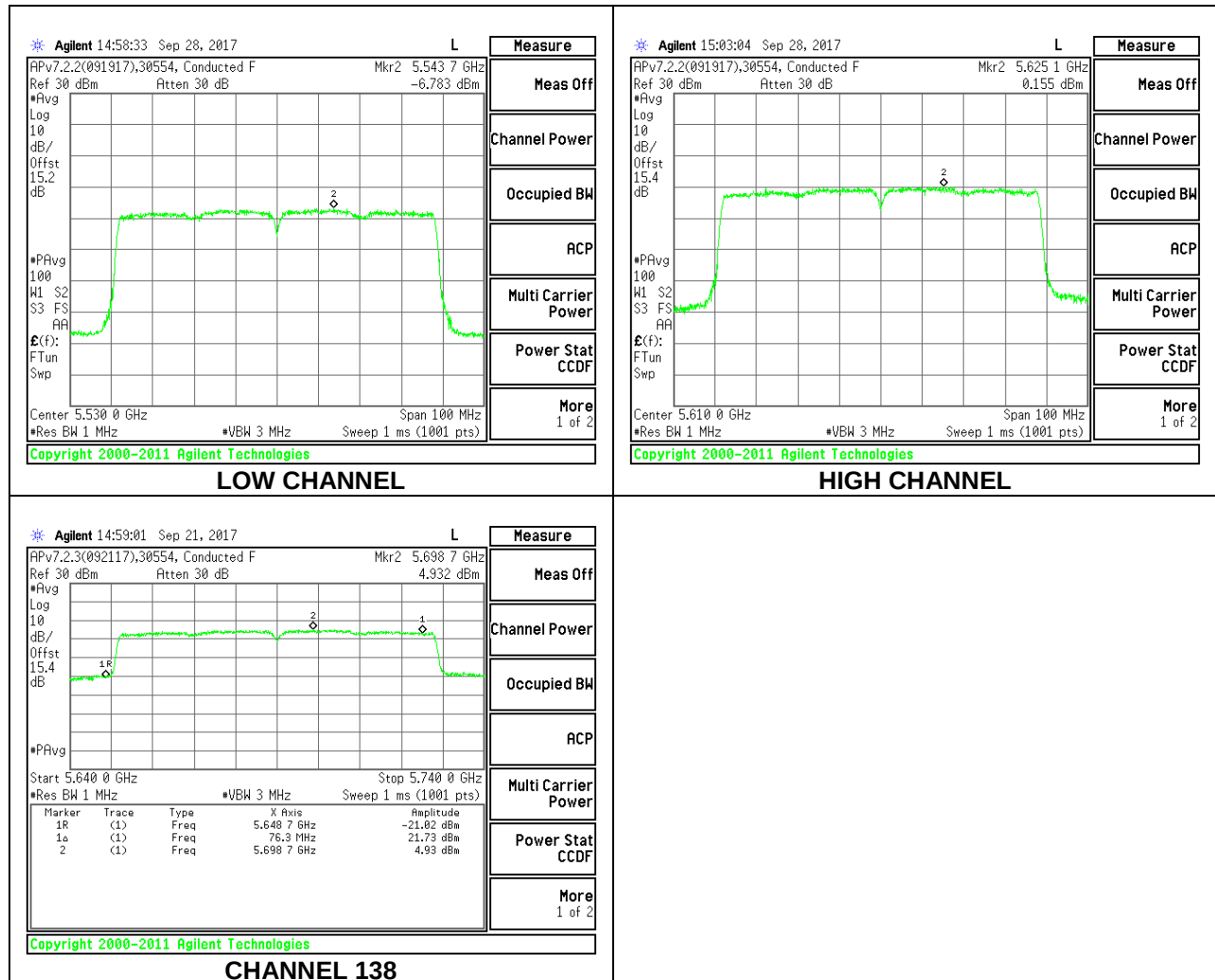
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.15	10.15	24.00	-13.85
High	5610	17.72	17.72	24.00	-6.28
138	5690	21.73	21.93	24.00	-2.07

PSD Results

Channel	Frequency (MHz)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5530	-6.783	-6.783	11.00	-17.78
High	5610	0.155	0.155	11.00	-10.85
138	5690	4.932	4.932	11.00	-6.07



2TX Antenna WF4 + Antenna WF3 CDD Mode

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	83.000	75.611	1.56	4.56
High	5610	83.200	74.990	1.56	4.56
138	5690	82.800	75.377	1.56	4.56

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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)	0.33	Included in Calculations of Corr'd Power & PSD
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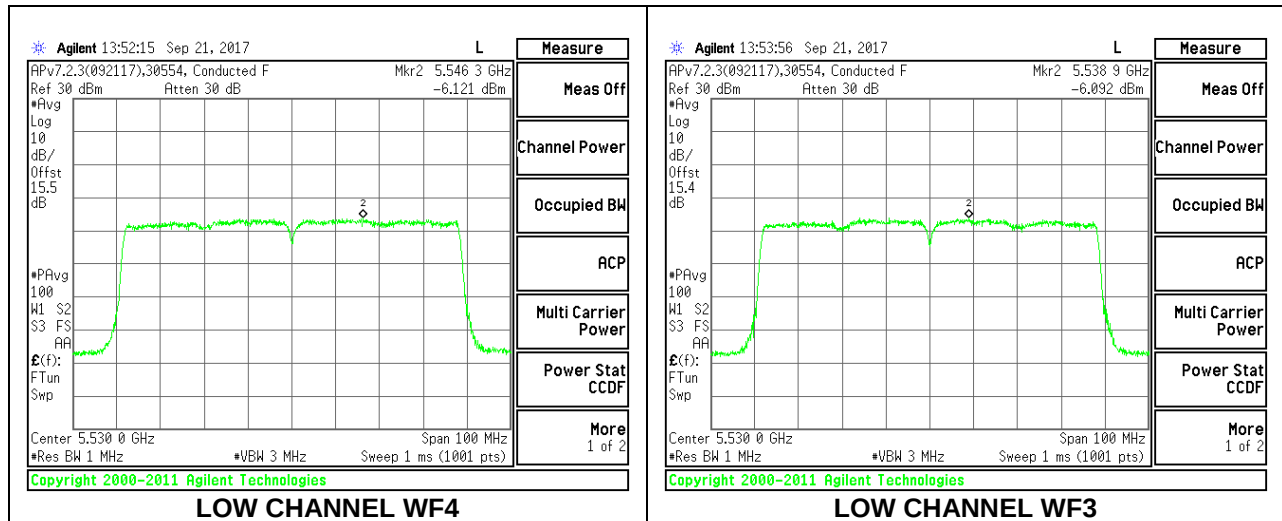
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5530	10.67	10.72	13.71	24.00	-10.29
High	5610	16.69	16.65	19.68	24.00	-4.32
138	5690	20.61	20.41	23.85	24.00	-0.15

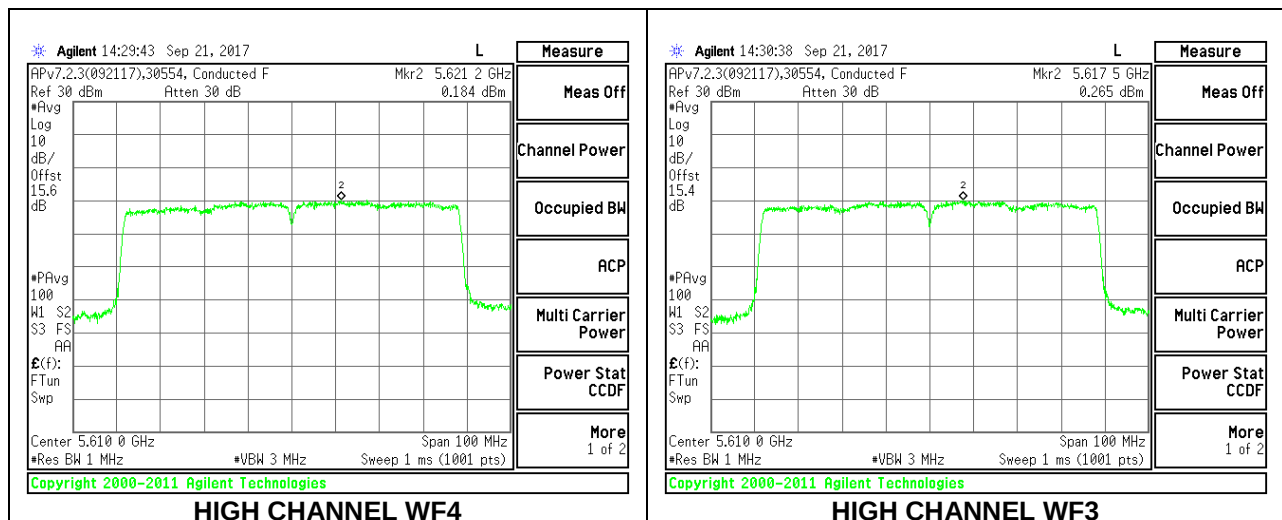
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margi (dB)
Low	5530	-6.121	-6.092	-3.096	11.00	-14.10
High	5610	0.184	0.265	3.235	11.00	-7.77
138	5690	4.254	3.979	7.129	11.00	-3.87

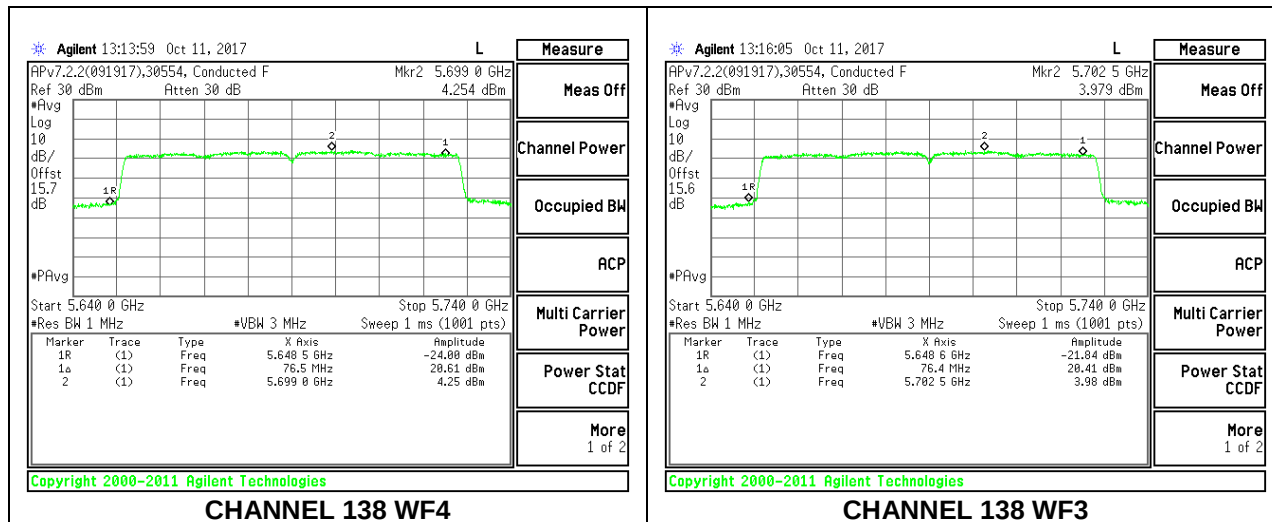
LOW CHANNEL



HIGH CHANNEL



CHANNEL 138



2TX Antenna WF4 + Antenna WF3 SDM Mode

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	83.000	72.401	1.56	1.56
High	5610	83.000	75.244	1.56	1.56
138	5690	82.800	75.534	1.56	1.56

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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)	0.39	Included in Calculations of Corr'd Power & PSD
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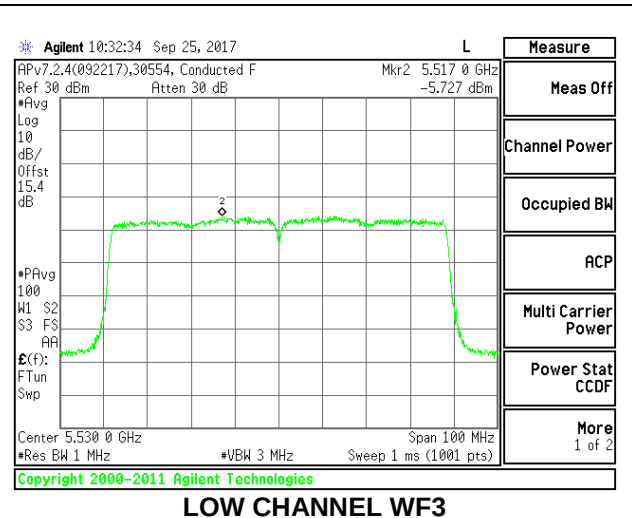
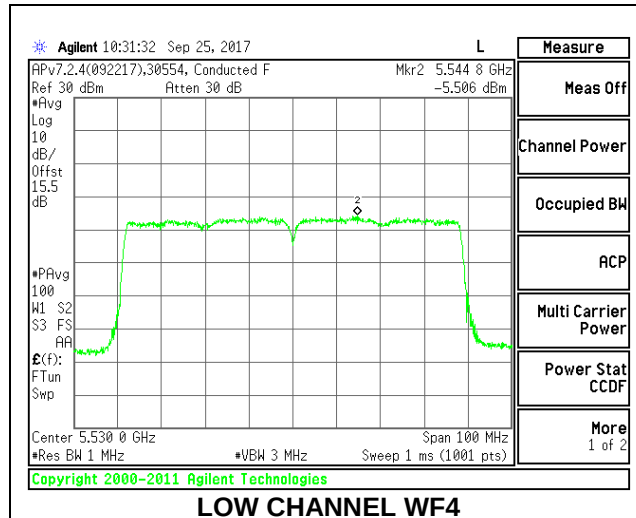
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5530	10.72	10.74	13.74	24.00	-10.26
High	5610	16.69	16.72	19.72	24.00	-4.28
138	5690	20.63	20.47	23.95	24.00	-0.05

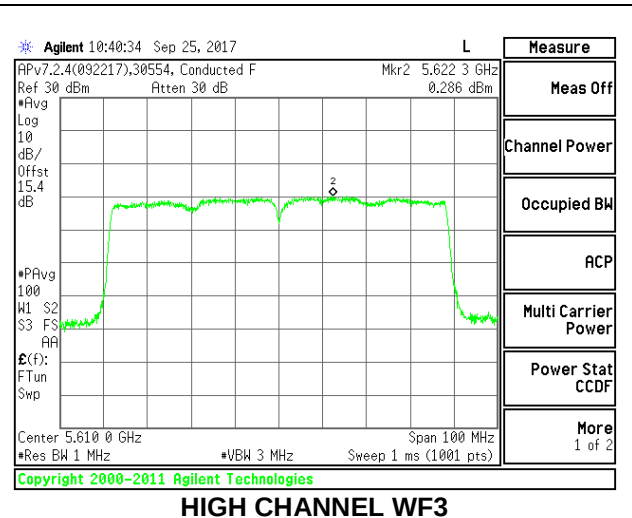
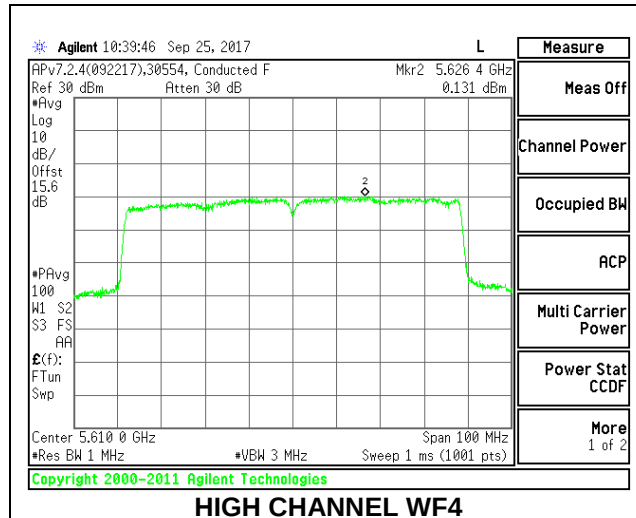
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margi (dB)
Low	5530	-5.506	-5.727	-2.605	11.00	-13.60
High	5610	0.131	0.286	3.219	11.00	-7.78
138	5690	4.056	3.723	6.903	11.00	-4.10

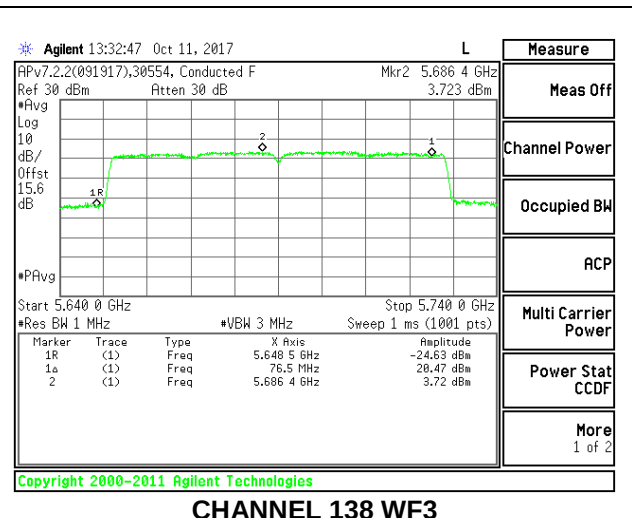
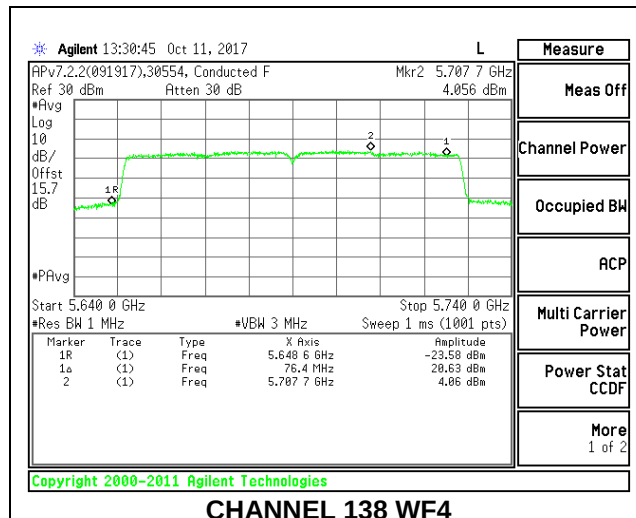
LOW CHANNEL



HIGH CHANNEL



CHANNEL 138



2TX Antenna WF4 + Antenna WF3 BF Mode

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	82.00	73.54	4.56	4.56
High	5610	82.40	75.62	4.56	4.56
138	5690	81.80	75.45	4.56	4.56

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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)	0.29	Included in Calculations of Corr'd Power & PSD
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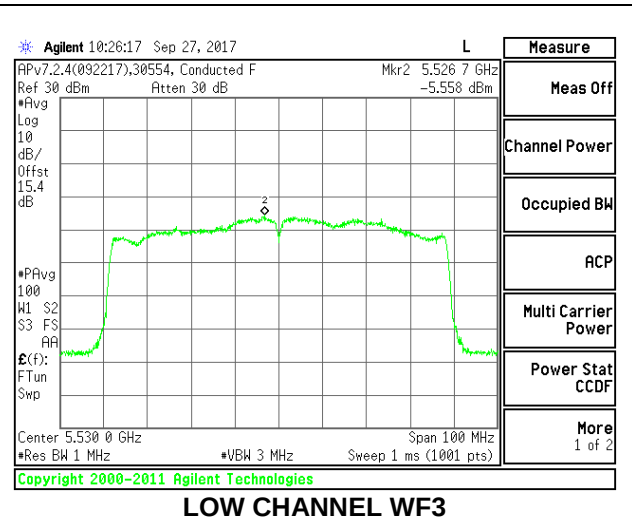
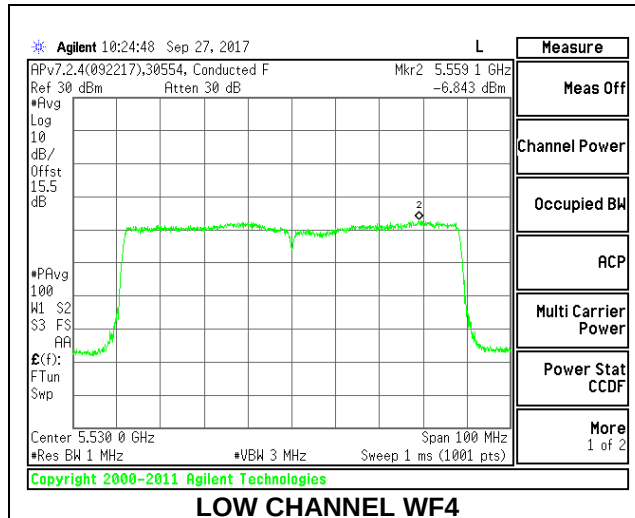
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5530	9.23	9.24	12.25	24.00	-11.75
High	5610	14.74	14.70	17.73	24.00	-6.27
138	5690	20.63	20.39	23.81	24.00	-0.19

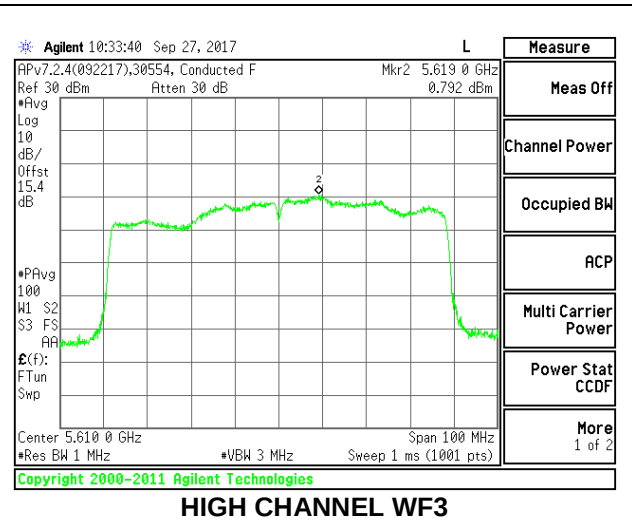
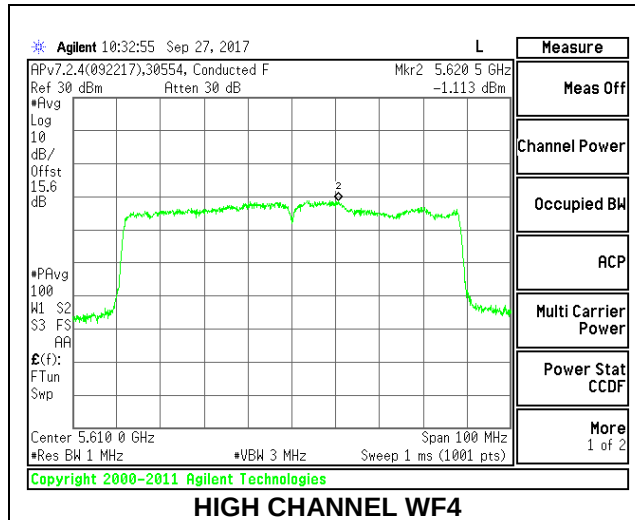
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margi (dB)
Low	5530	-6.843	-5.558	-3.143	11.00	-14.14
High	5610	-1.113	0.792	2.953	11.00	-8.05
138	5690	4.173	4.142	7.168	11.00	-3.83

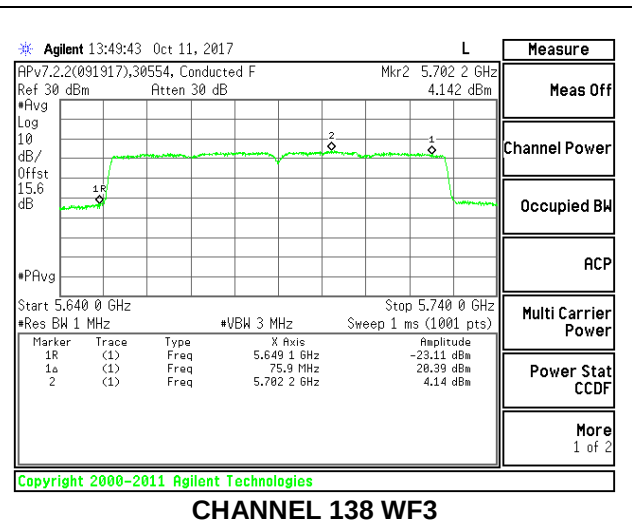
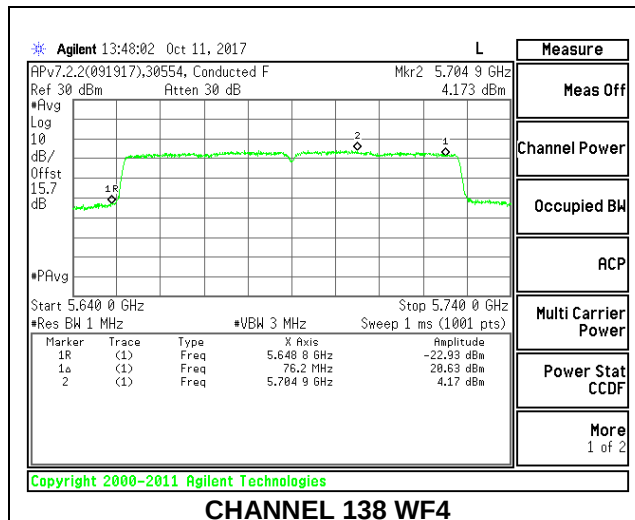
LOW CHANNEL



HIGH CHANNEL



CHANNEL 138



2TX Antenna WF4 + Antenna WF2 CDD Mode

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	82.600	75.487	3.16	6.09
High	5610	82.400	75.523	3.16	6.09
138	5690	82.600	75.152	3.16	6.09

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
Low	5530	24.00	24.00	30.00	24.00	10.91	11.00	10.91
High	5610	24.00	24.00	30.00	24.00	10.91	11.00	10.91
138	5690	24.00	24.00	30.00	24.00	10.91	11.00	10.91

Duty Cycle CF (dB)	0.33	Included in Calculations of Corr'd Power & PSD
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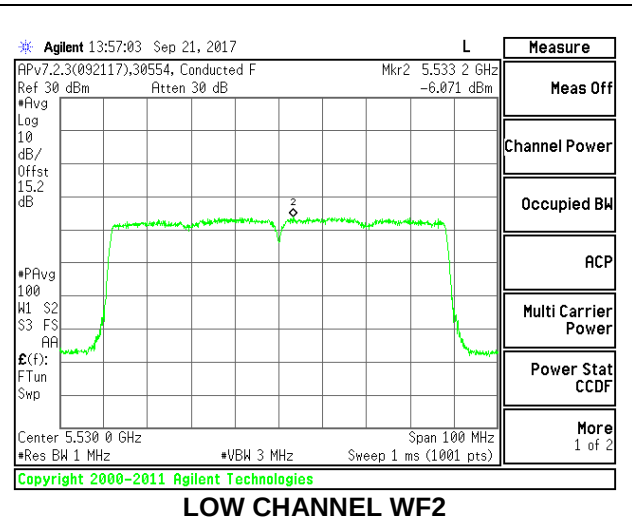
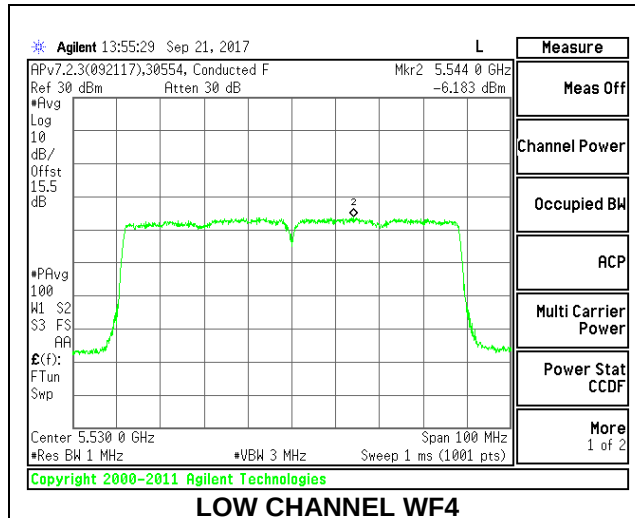
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5530	10.71	10.69	13.71	24.00	-10.29
High	5610	16.67	16.72	19.71	24.00	-4.29
138	5690	20.23	20.01	23.46	24.00	-0.54

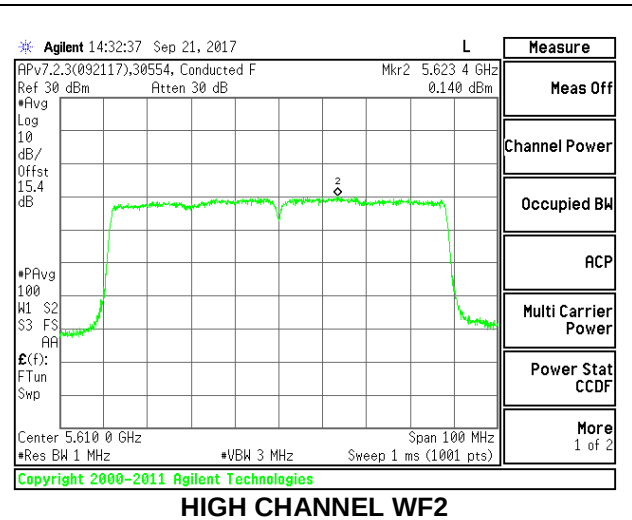
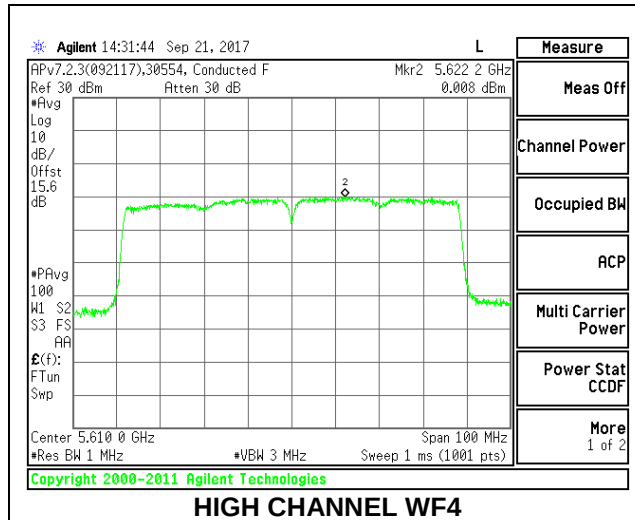
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margi (dB)
Low	5530	-6.183	-6.071	-3.116	10.91	-14.03
High	5610	0.008	0.140	3.085	10.91	-7.83
138	5690	3.751	3.563	6.668	10.91	-4.24

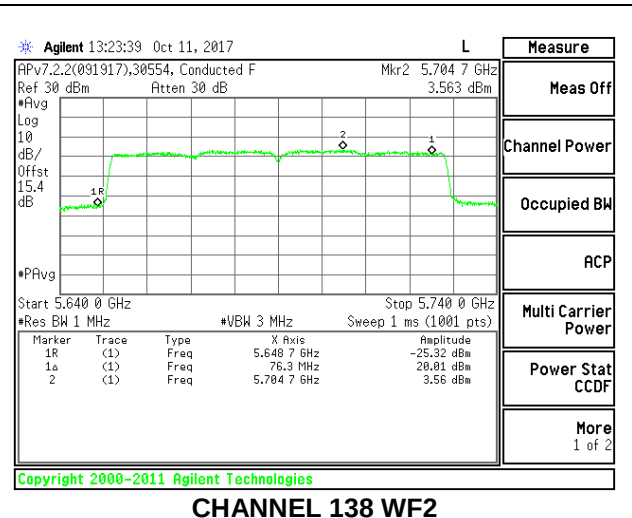
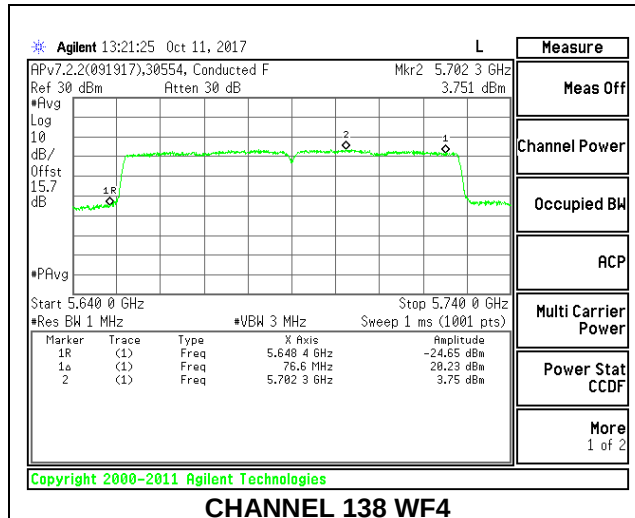
LOW CHANNEL



HIGH CHANNEL



CHANNEL 138



2TX Antenna WF4 + Antenna WF2 SDM Mode

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	82.60	75.53	3.16	3.16
High	5610	82.40	75.55	3.16	3.16
138	5690	82.60	75.29	3.16	3.16

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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)	0.39	Included in Calculations of Corr'd Power & PSD
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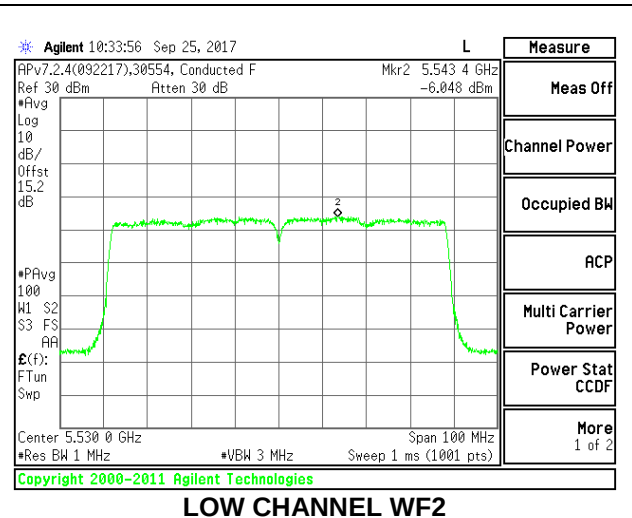
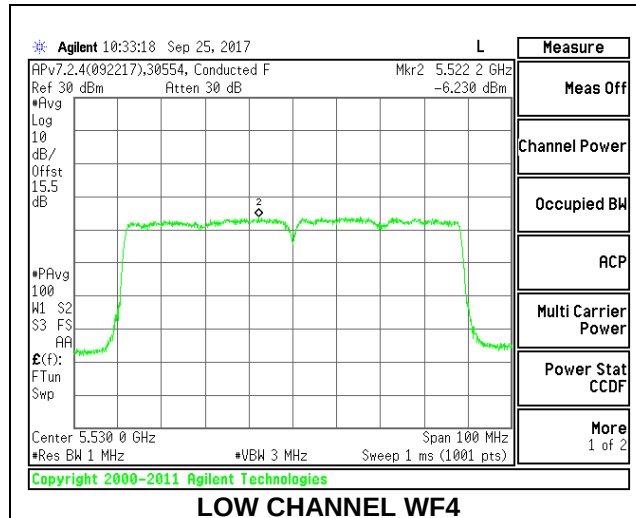
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5530	10.66	10.74	13.71	24.00	-10.29
High	5610	16.73	16.68	19.72	24.00	-4.28
138	5690	20.65	20.35	23.90	24.00	-0.10

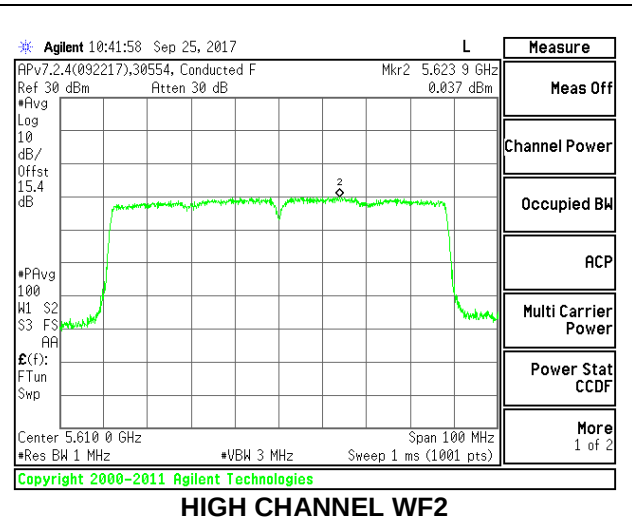
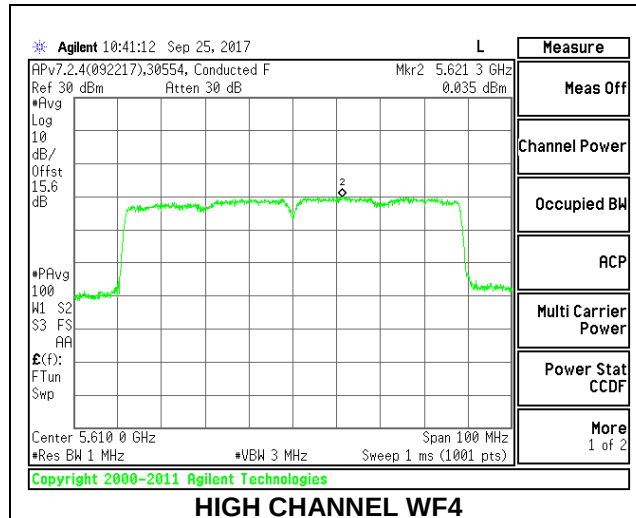
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margi (dB)
Low	5530	-6.23	-6.05	-3.128	11.00	-14.13
High	5610	0.04	0.04	3.046	11.00	-7.95
138	5690	4.21	3.56	6.902	11.00	-4.10

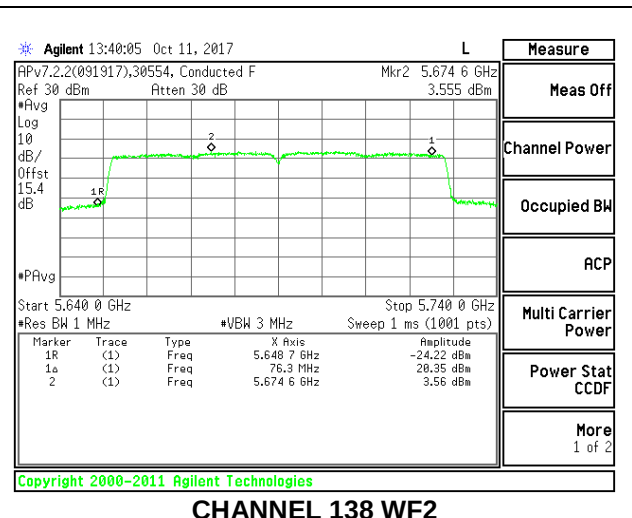
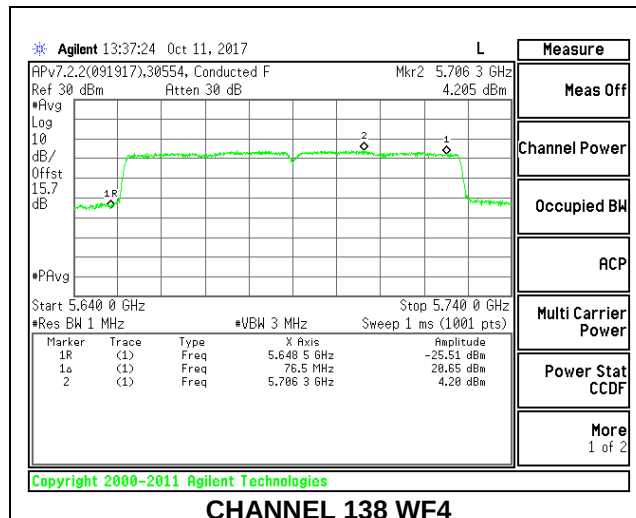
LOW CHANNEL



HIGH CHANNEL



CHANNEL 138



2TX Antenna WF4 + Antenna WF2 BF Mode

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	82.60	74.25	6.09	6.09
High	5610	82.60	72.79	6.09	6.09
138	5690	82.40	70.98	6.09	6.09

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
Low	5530	23.91	24.00	30.00	23.91	10.91	11.00	10.91
High	5610	23.91	24.00	30.00	23.91	10.91	11.00	10.91
138	5690	23.91	24.00	30.00	23.91	10.91	11.00	10.91

Duty Cycle CF (dB)	0.29	Included in Calculations of Corr'd Power & PSD
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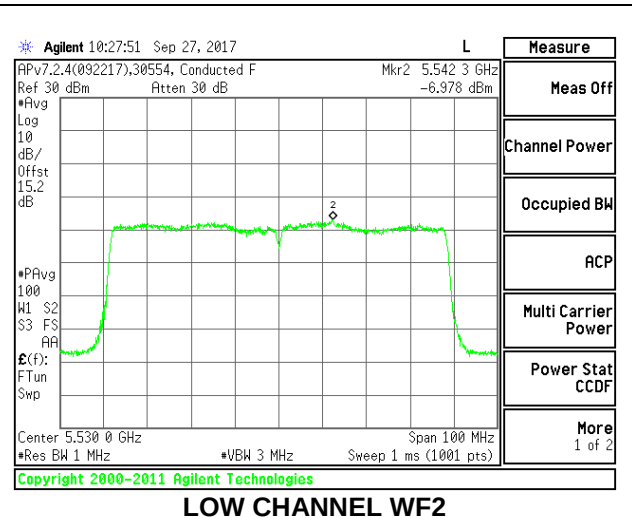
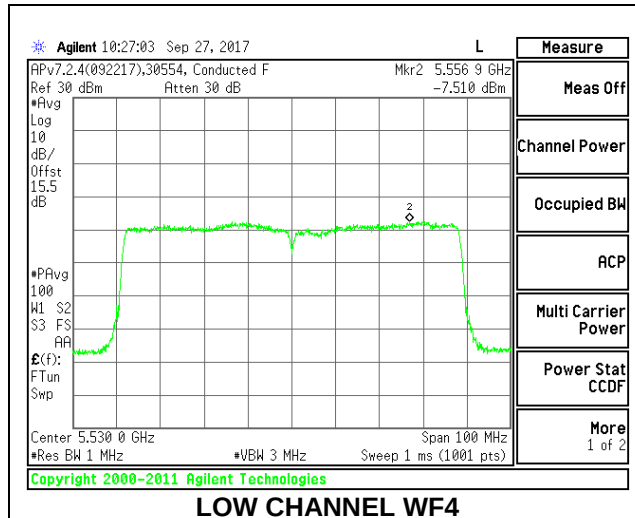
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5530	9.19	9.23	12.22	23.91	-11.69
High	5610	14.72	14.67	17.71	23.91	-6.20
138	5690	20.64	19.75	23.52	23.91	-0.39

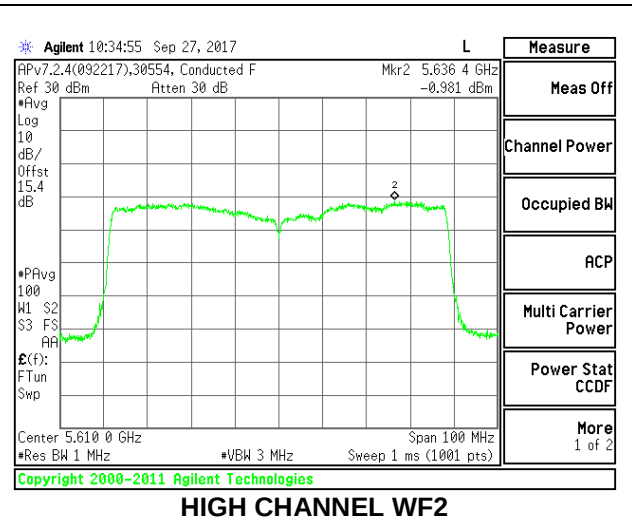
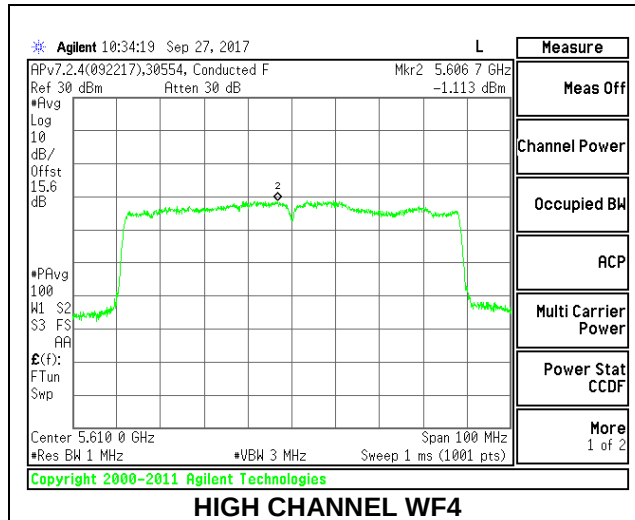
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margi (dB)
Low	5530	-7.510	-6.978	-4.226	10.91	-15.14
High	5610	-1.113	-0.981	1.964	10.91	-8.95
138	5690	3.976	3.067	6.556	10.91	-4.35

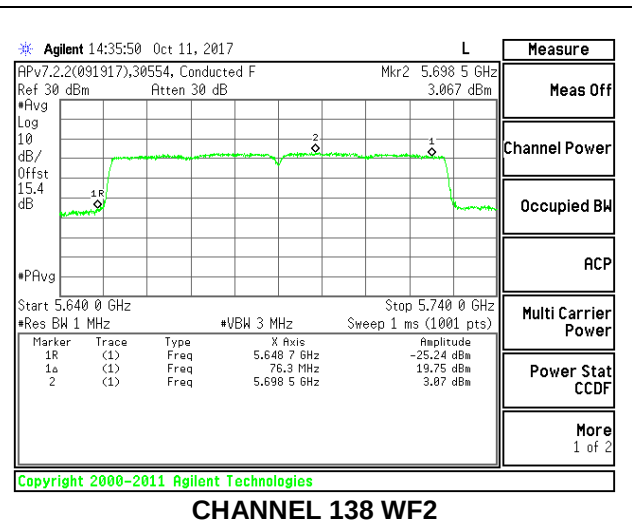
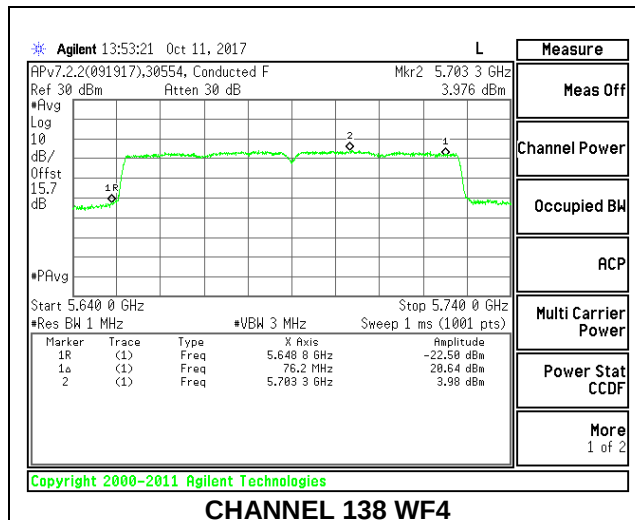
LOW CHANNEL



HIGH CHANNEL



CHANNEL 138



2TX Antenna WF3 + Antenna WF2 CDD Mode

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	82.60	75.57	2.99	5.88
High	5610	82.40	75.47	2.99	5.88
138	5690	82.60	75.43	2.99	5.88

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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)	0.33	Included in Calculations of Corr'd Power & PSD
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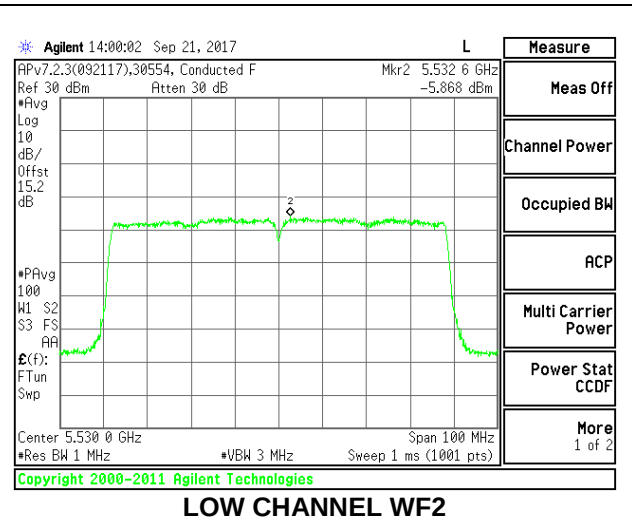
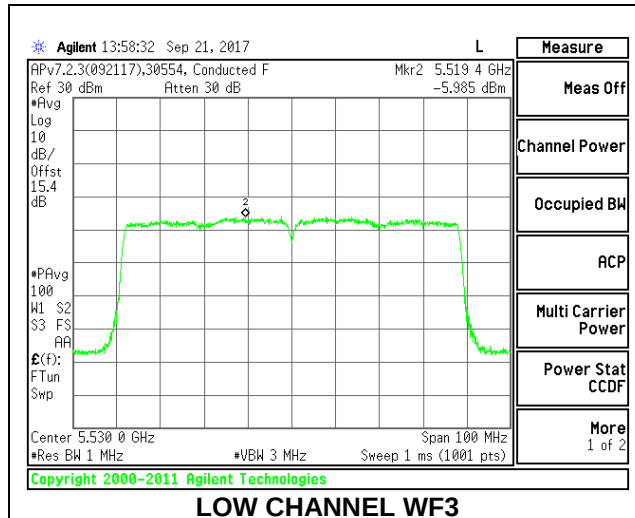
Output Power Results

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5530	10.75	10.73	13.75	24.00	-10.25
High	5610	16.67	16.72	19.71	24.00	-4.29
138	5690	20.43	20.26	23.69	24.00	-0.31

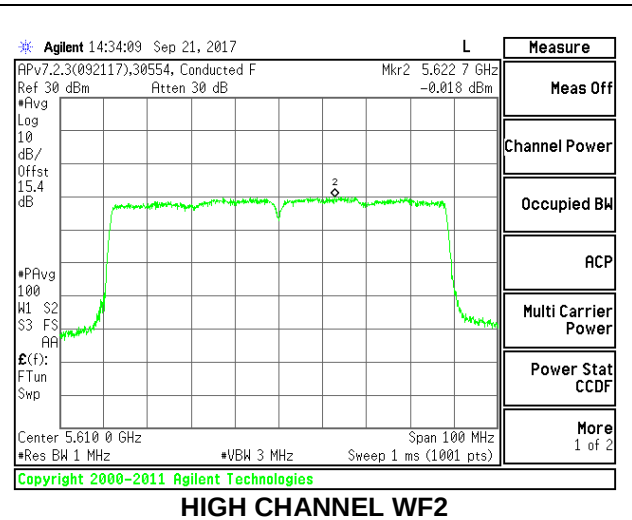
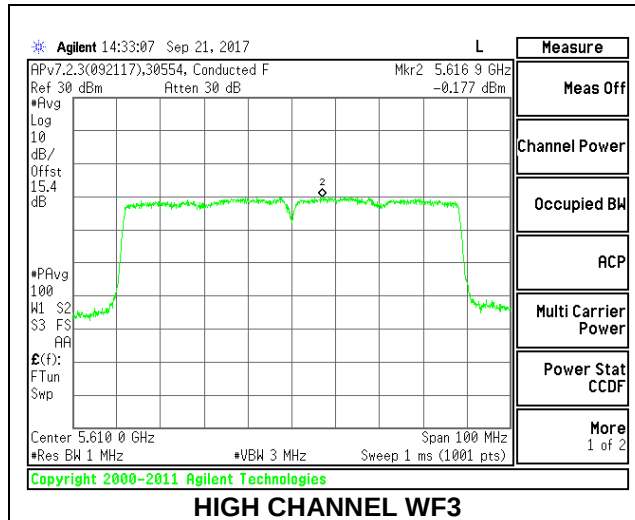
PSD Results

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margi (dB)
Low	5530	-5.985	-5.868	-2.916	11.00	-13.92
High	5610	-0.177	-0.018	2.914	11.00	-8.09
138	5690	3.853	3.594	6.736	11.00	-4.26

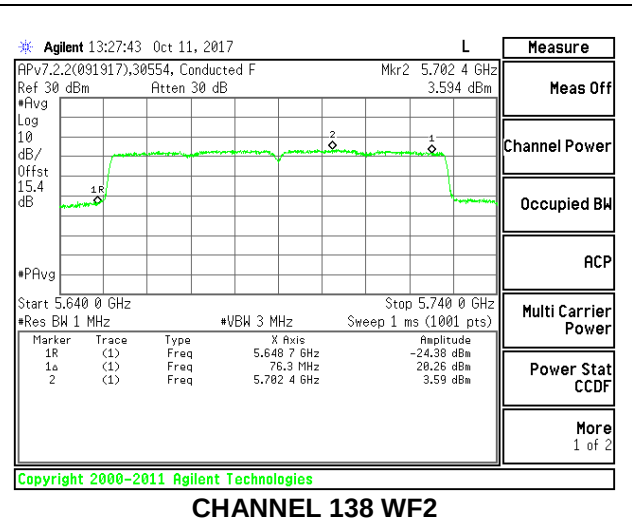
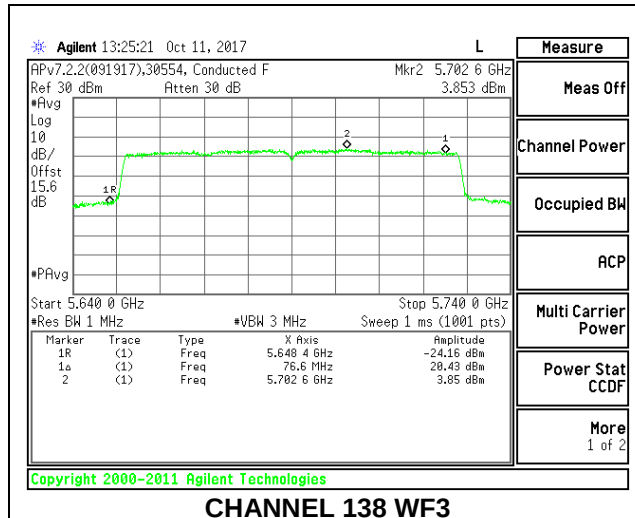
LOW CHANNEL



HIGH CHANNEL



CHANNEL 138



2TX Antenna WF3 + Antenna WF2 SDM Mode

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	83.00	75.33	2.99	2.99
High	5610	82.80	75.42	2.99	2.99
138	5690	82.60	75.63	2.99	2.99

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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)	0.39	Included in Calculations of Corr'd Power & PSD
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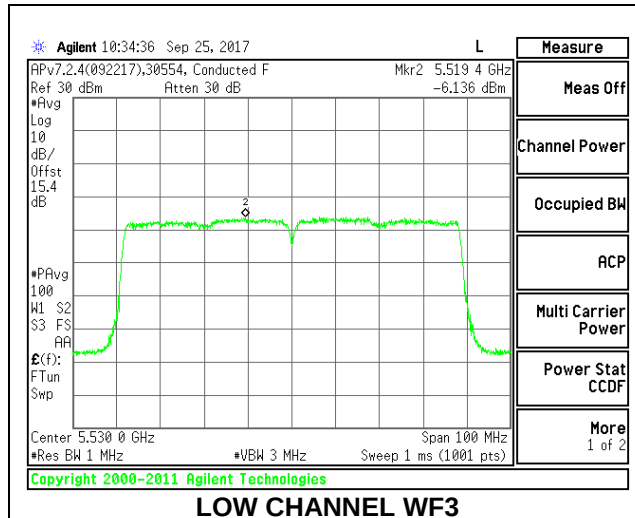
Output Power Results

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	10.73	10.74	13.75	24.00	-10.25
High	5610	16.69	16.74	19.73	24.00	-4.27
138	5690	20.51	20.39	23.85	24.00	-0.15

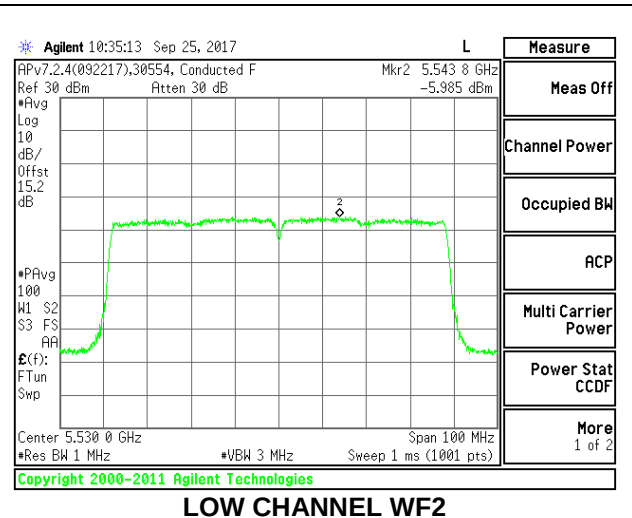
PSD Results

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5530	-6.136	-5.985	-3.050	11.00	-14.05
High	5610	0.520	-0.016	3.271	11.00	-7.73
138	5690	3.993	3.785	6.901	11.00	-4.10

LOW CHANNEL

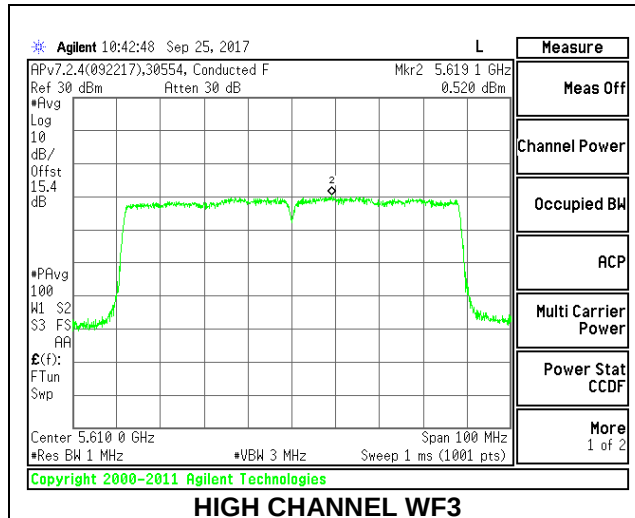


LOW CHANNEL WF3

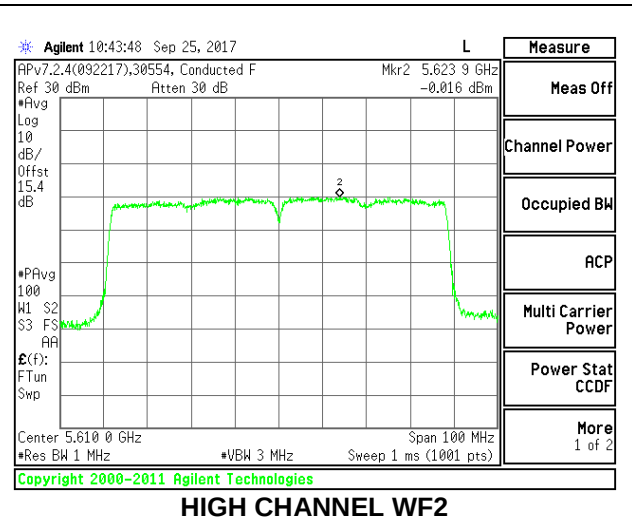


LOW CHANNEL WF2

HIGH CHANNEL

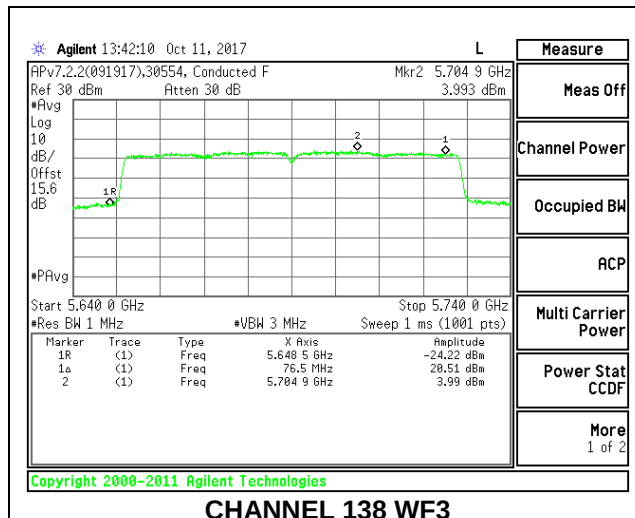


HIGH CHANNEL WF3

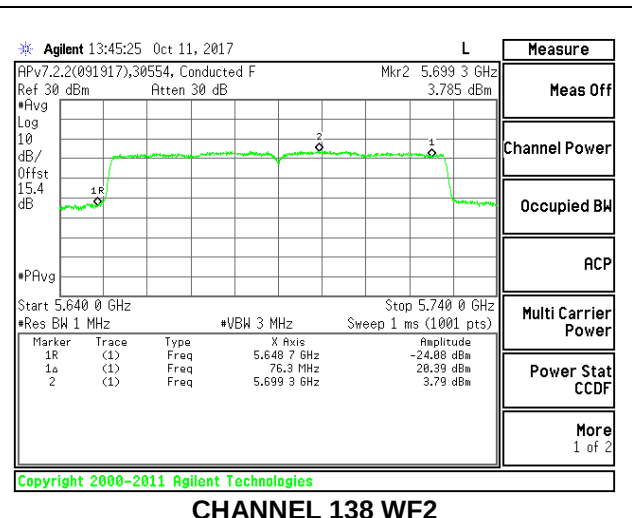


HIGH CHANNEL WF2

CHANNEL 138



CHANNEL 138 WF3



CHANNEL 138 WF2

2TX Antenna WF3 + Antenna WF2 BF Mode

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	82.40	75.81	5.88	5.88
High	5610	82.60	78.65	5.88	5.88
138	5690	81.60	75.22	5.88	5.88

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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)	0.29	Included in Calculations of Corr'd Power & PSD
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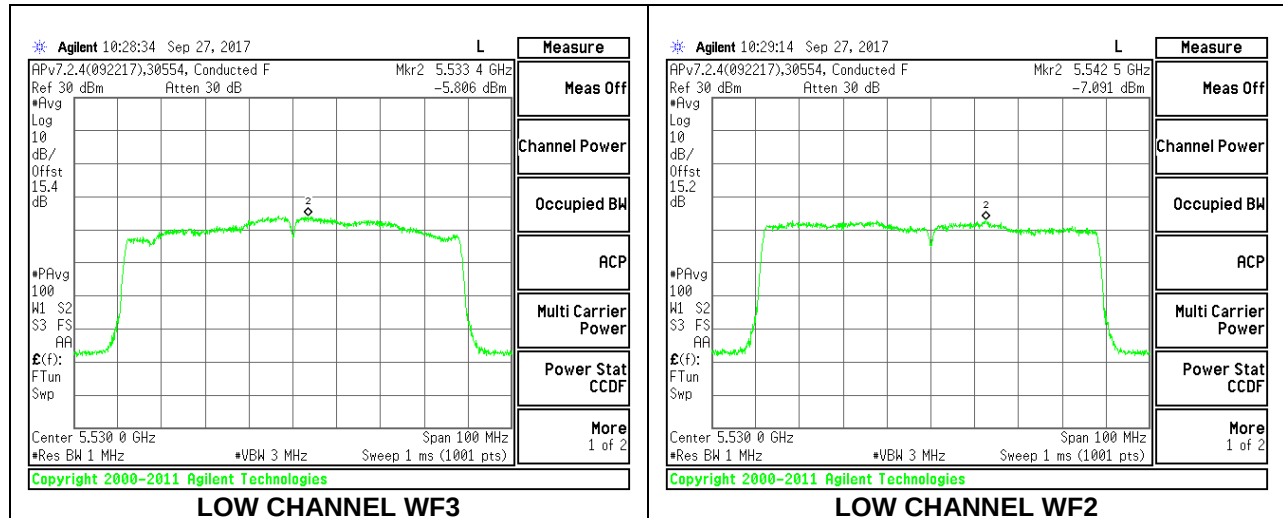
Output Power Results

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margi (dB)
Low	5530	9.21	9.22	12.23	24.00	-11.77
High	5610	14.38	14.70	17.55	24.00	-6.45
138	5690	20.50	20.35	23.73	24.00	-0.27

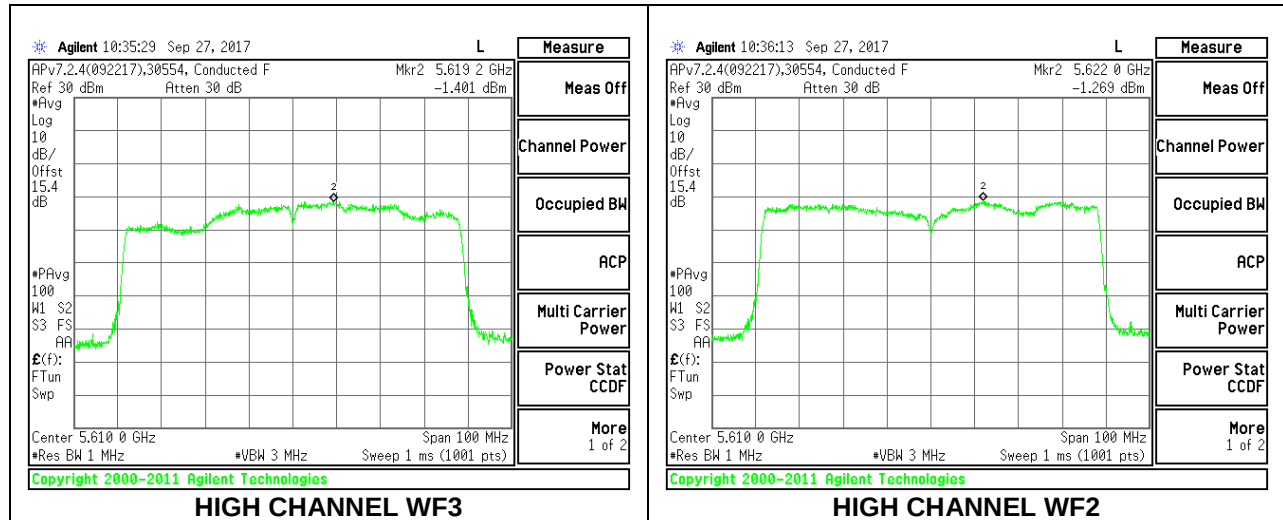
PSD Results

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margi (dB)
Low	5530	-5.806	-7.091	-3.391	11.00	-14.39
High	5610	-1.401	-1.269	1.676	11.00	-9.32
138	5690	3.912	3.709	6.822	11.00	-4.18

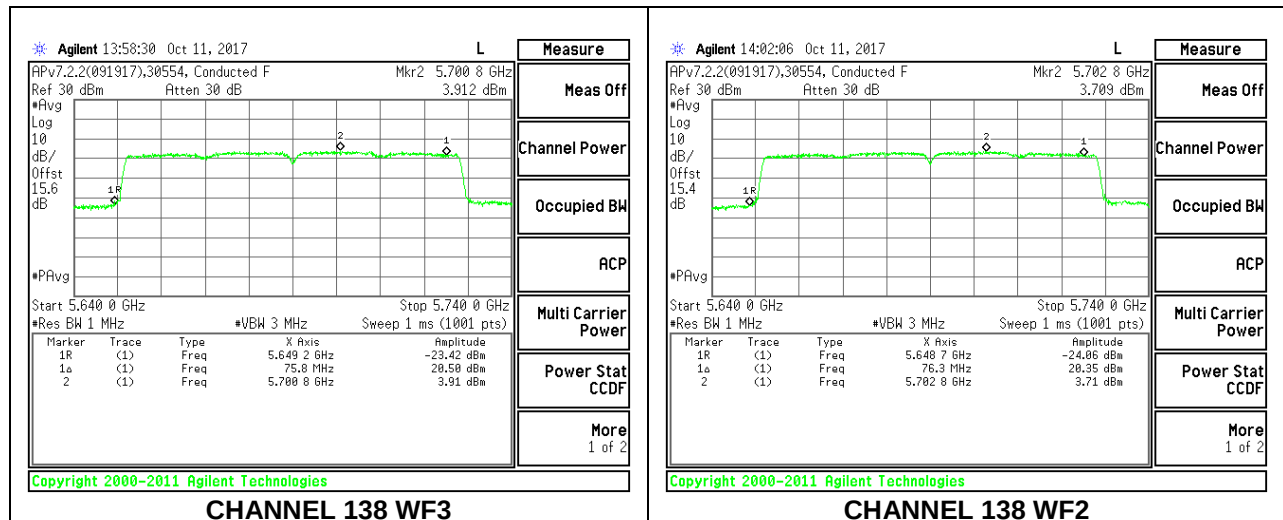
LOW CHANNEL



HIGH CHANNEL



CHANNEL 138



3TX Antenna WF4 + Antenna WF3 + Antenna WF2 CDD Mode

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	82.60	75.31	2.63	7.30
High	5610	82.40	75.11	2.63	7.30
138	5690	82.60	75.06	2.63	7.30

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
Low	5530	24.00	24.00	30.00	24.00	9.70	11.00	9.70
High	5610	24.00	24.00	30.00	24.00	9.70	11.00	9.70
138	5690	24.00	24.00	30.00	24.00	9.70	11.00	9.70

Duty Cycle CF (dB)	0.46	Included in Calculations of Corr'd Power & PSD
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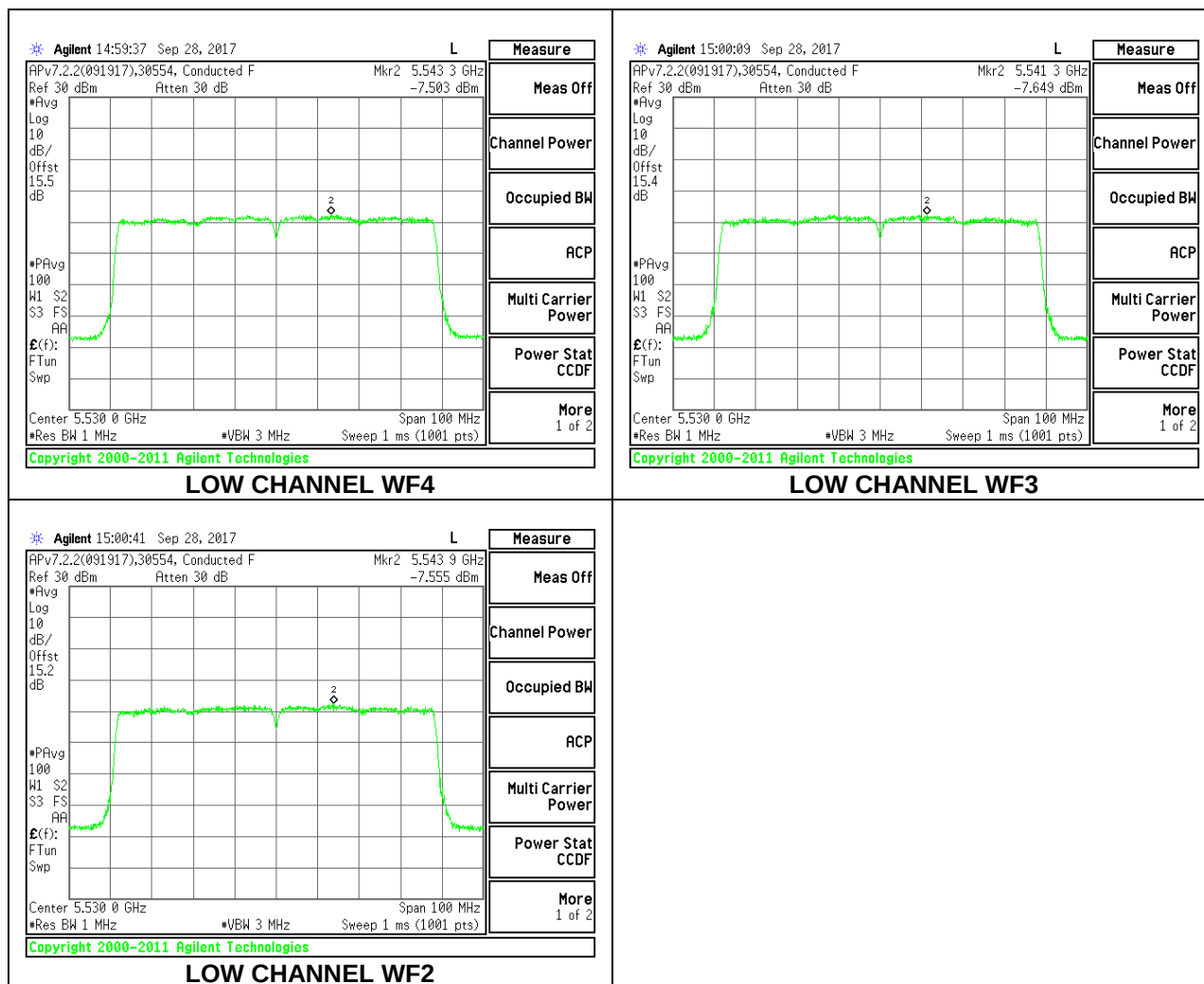
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	9.21	9.24	9.22	13.99	24.00	-10.01
High	5610	15.70	15.69	15.71	20.47	24.00	-3.53
138	5690	18.80	18.72	18.64	23.95	24.00	-0.05

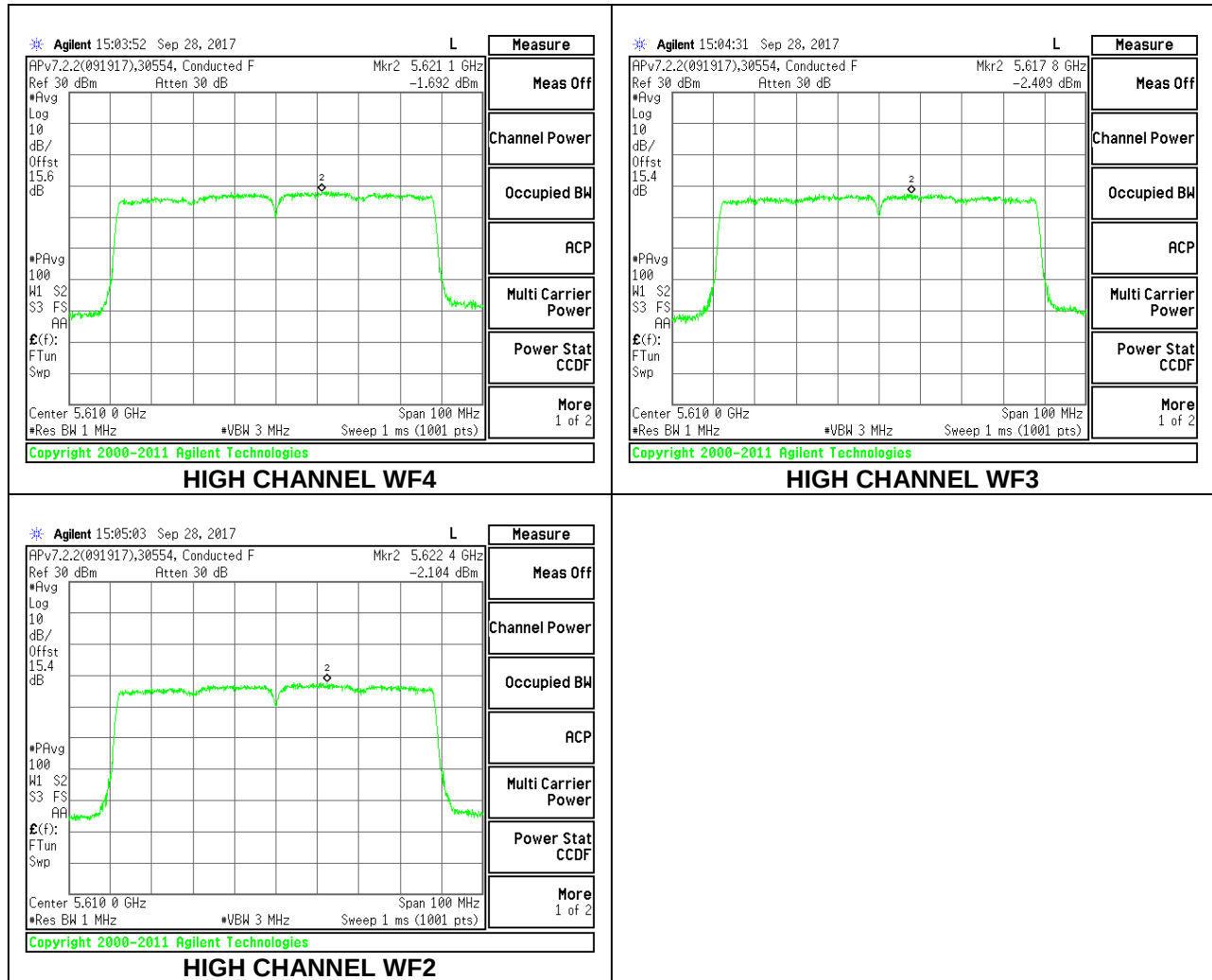
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5530	-7.503	-7.649	-7.555	-2.797	9.70	-12.50
High	5610	-1.692	-2.409	-2.104	2.713	9.70	-6.99
138	5690	2.062	2.461	1.947	6.934	9.70	-2.77

LOW CHANNEL



HIGH CHANNEL



Agilent 15:04:31 Sep 28, 2017

APv7.2.2(091917),30554, Conducted F

Ref 30 dBm Atten 30 dB

Mkr2 5.617 8 GHz -2.409 dBm

#Avg Log 10 dB/ Offst 15.4 dB

#PAvg 100 W1 S2 S3 FS AA

£(f): FTun Swp

Center 5.610 0 GHz Span 100 MHz

#Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (1001 pts)

Copyright 2000-2011 Agilent Technologies

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

Agilent 15:05:03 Sep 28, 2017

APv7.2.2(091917),30554, Conducted F

Ref 30 dBm Atten 30 dB

Mkr2 5.622 4 GHz -2.104 dBm

#Avg Log 10 dB/ Offst 15.4 dB

#PAvg 100 W1 S2 S3 FS AA

£(f): FTun Swp

Center 5.610 0 GHz Span 100 MHz

#Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (1001 pts)

Copyright 2000-2011 Agilent Technologies

Measure

Meas Off

Channel Power

Occupied BW

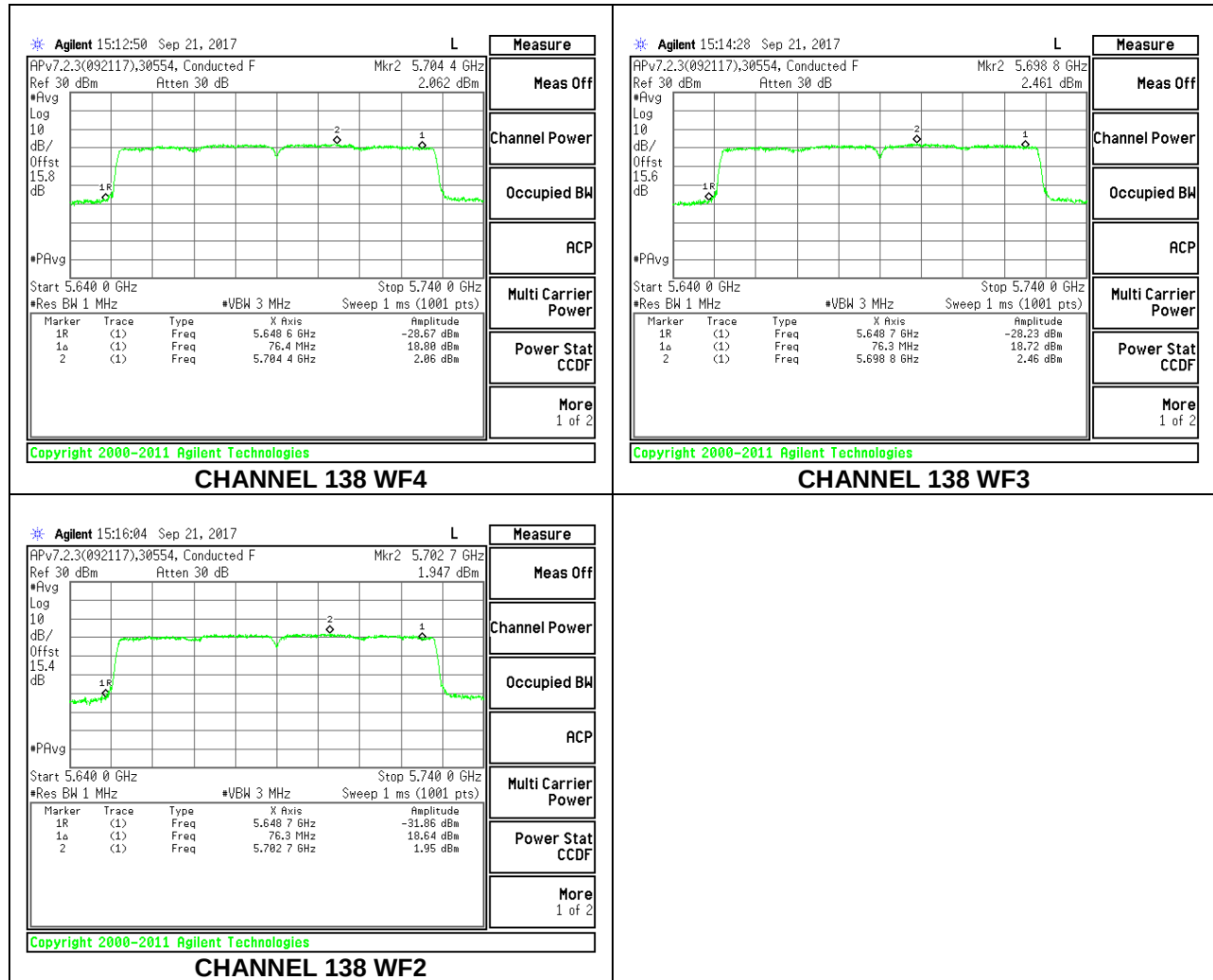
ACP

Multi Carrier Power

Power Stat CCDF

More 1 of 2

CHANNEL 138



3TX Antenna WF4 + Antenna WF3 + Antenna WF2 SDM Mode

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	82.60	75.43	2.63	2.63
High	5610	82.40	75.21	2.63	2.63
138	5690	82.80	75.05	2.63	2.63

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
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)	0.47	Included in Calculations of Corr'd Power & PSD
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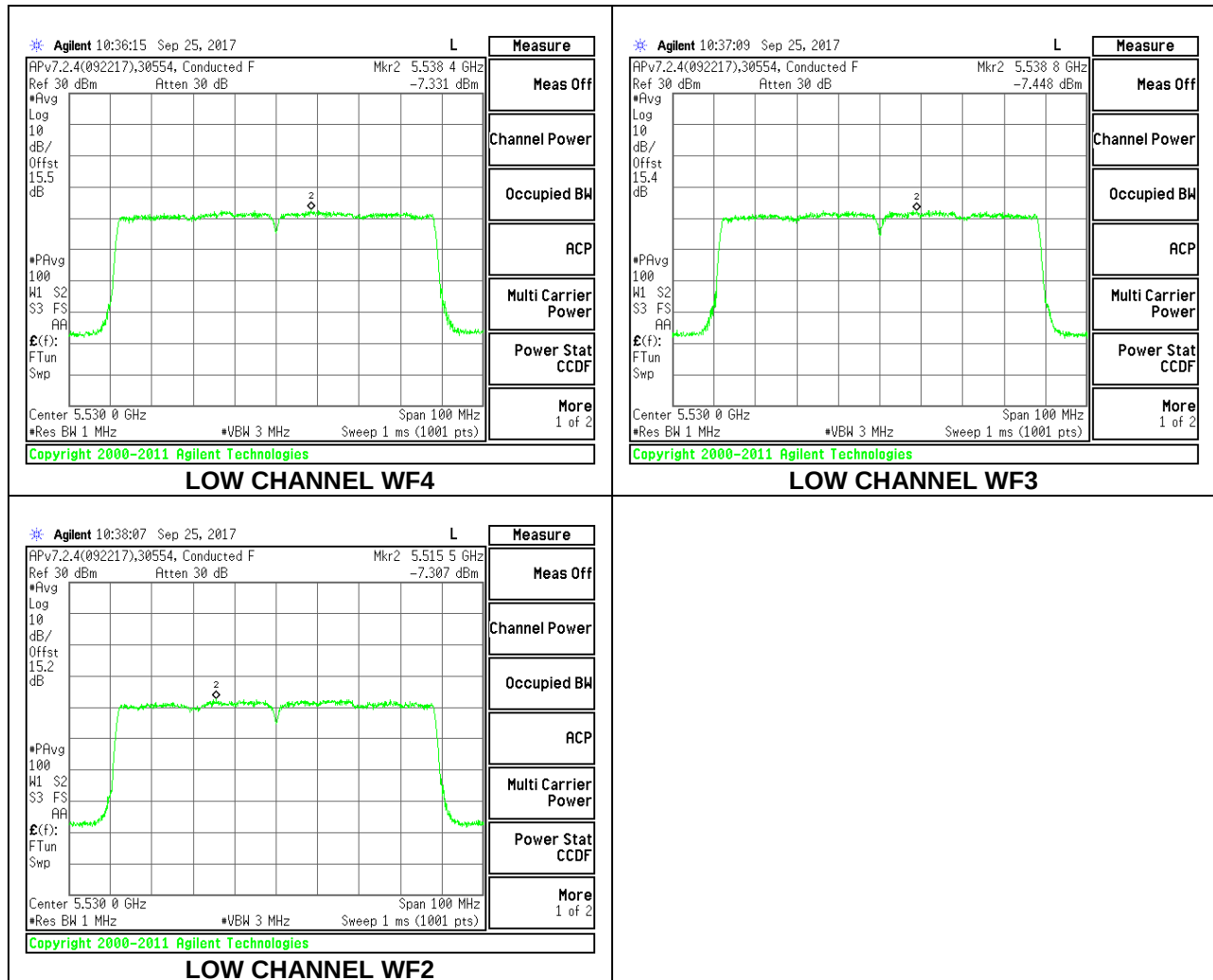
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	9.21	9.18	9.24	13.98	24.00	-10.02
High	5610	15.74	15.70	15.72	20.49	24.00	-3.51
138	5690	18.47	18.31	18.22	23.58	24.00	-0.42

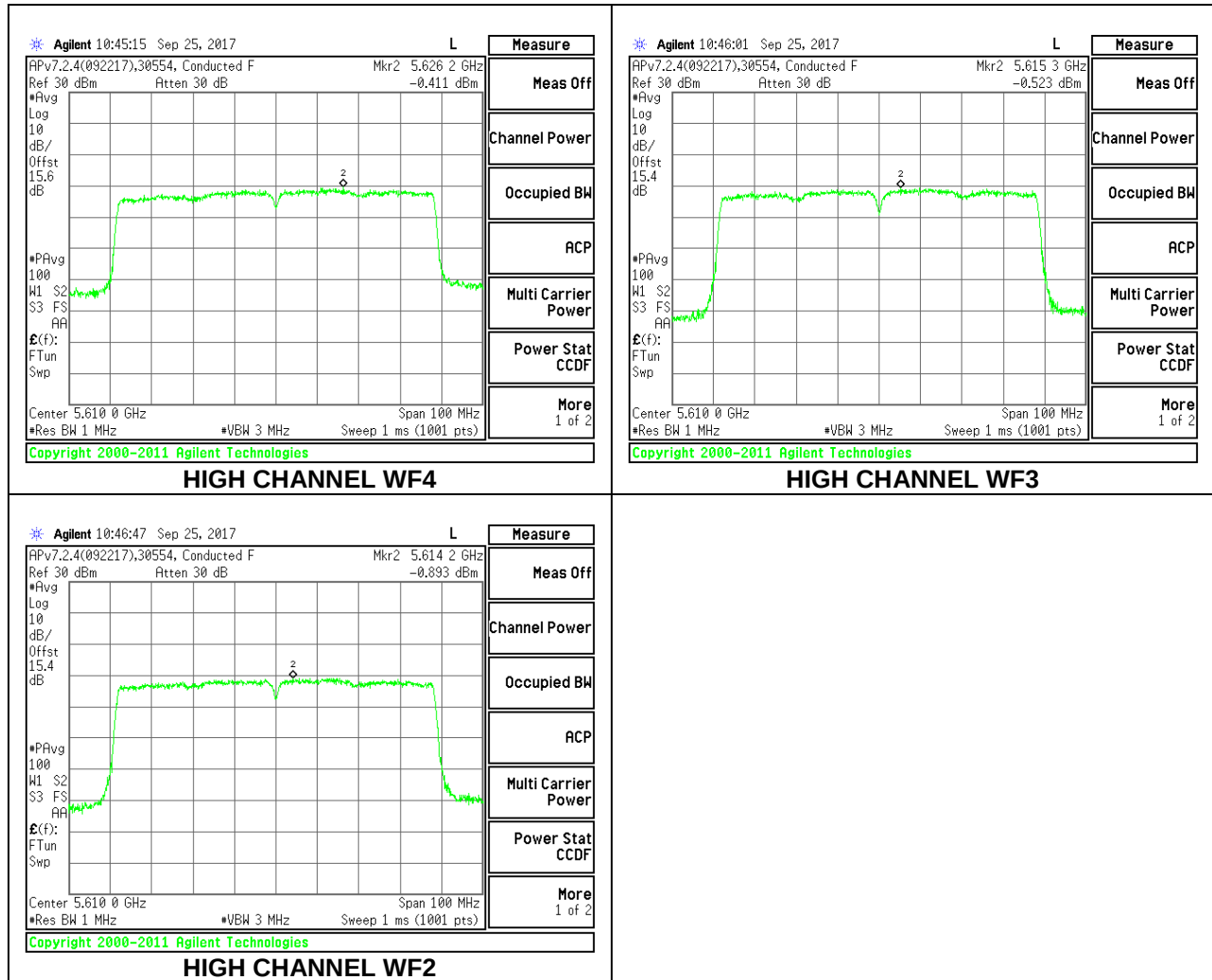
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5530	-7.331	-7.448	-7.307	-2.590	11.00	-13.59
High	5610	-0.411	-0.523	-0.893	4.167	11.00	-6.83
138	5690	2.384	2.450	2.368	7.172	11.00	-3.83

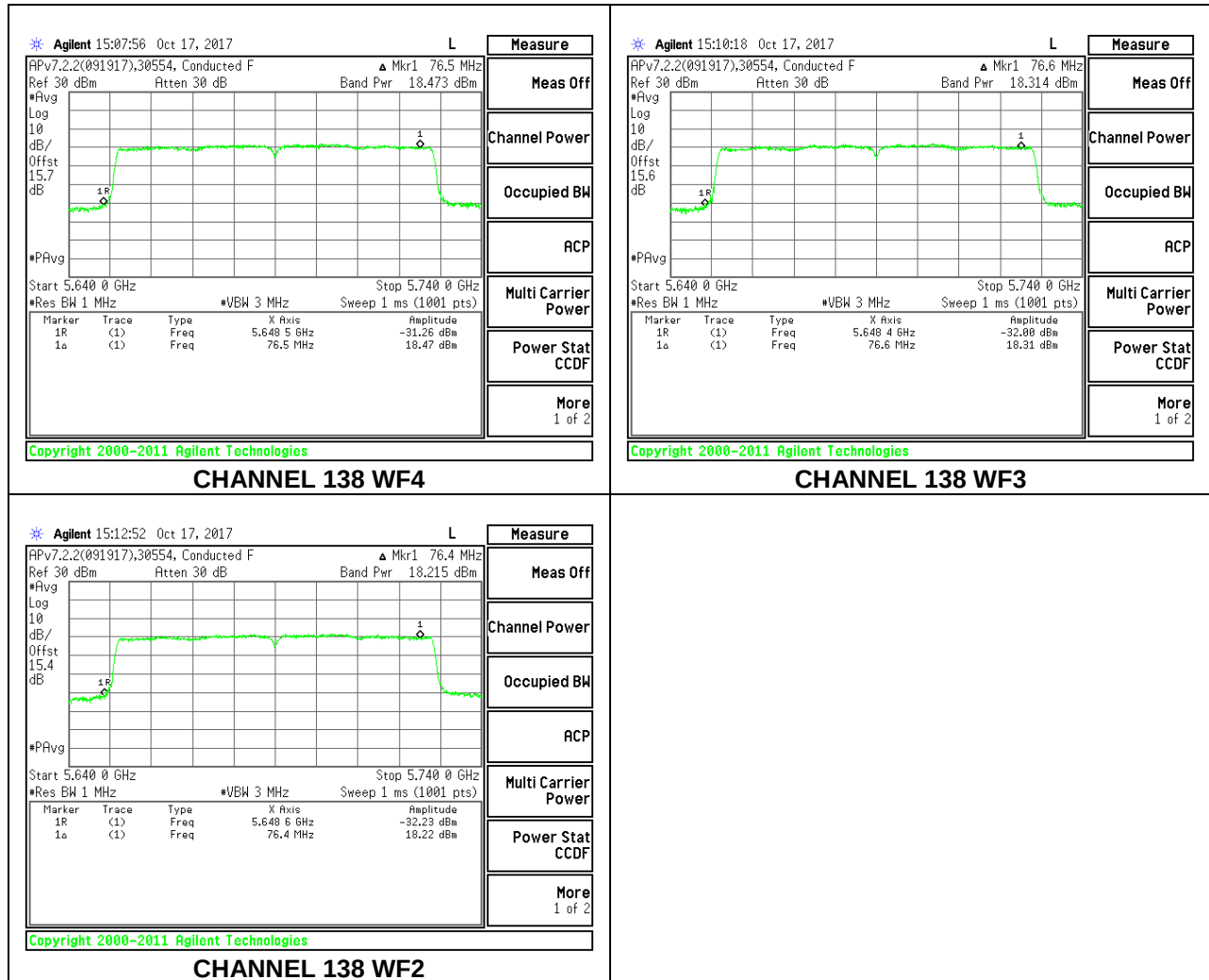
LOW CHANNEL



HIGH CHANNEL



CHANNEL 138



3TX Antenna WF4 + Antenna WF3 + Antenna WF2 BF Mode

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	82.20	70.57	7.30	7.30
High	5610	82.80	71.28	7.30	7.30
138	5690	82.00	73.62	7.30	7.30

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm)	IC PSD Limit (dBm)	PSD Limit (dBm)
Low	5530	22.70	24.00	30.00	22.70	9.70	11.00	9.70
High	5610	22.70	24.00	30.00	22.70	9.70	11.00	9.70
138	5690	22.70	24.00	30.00	22.70	9.70	11.00	9.70

Duty Cycle CF (dB)	0.31	Included in Calculations of Corr'd Power & PSD
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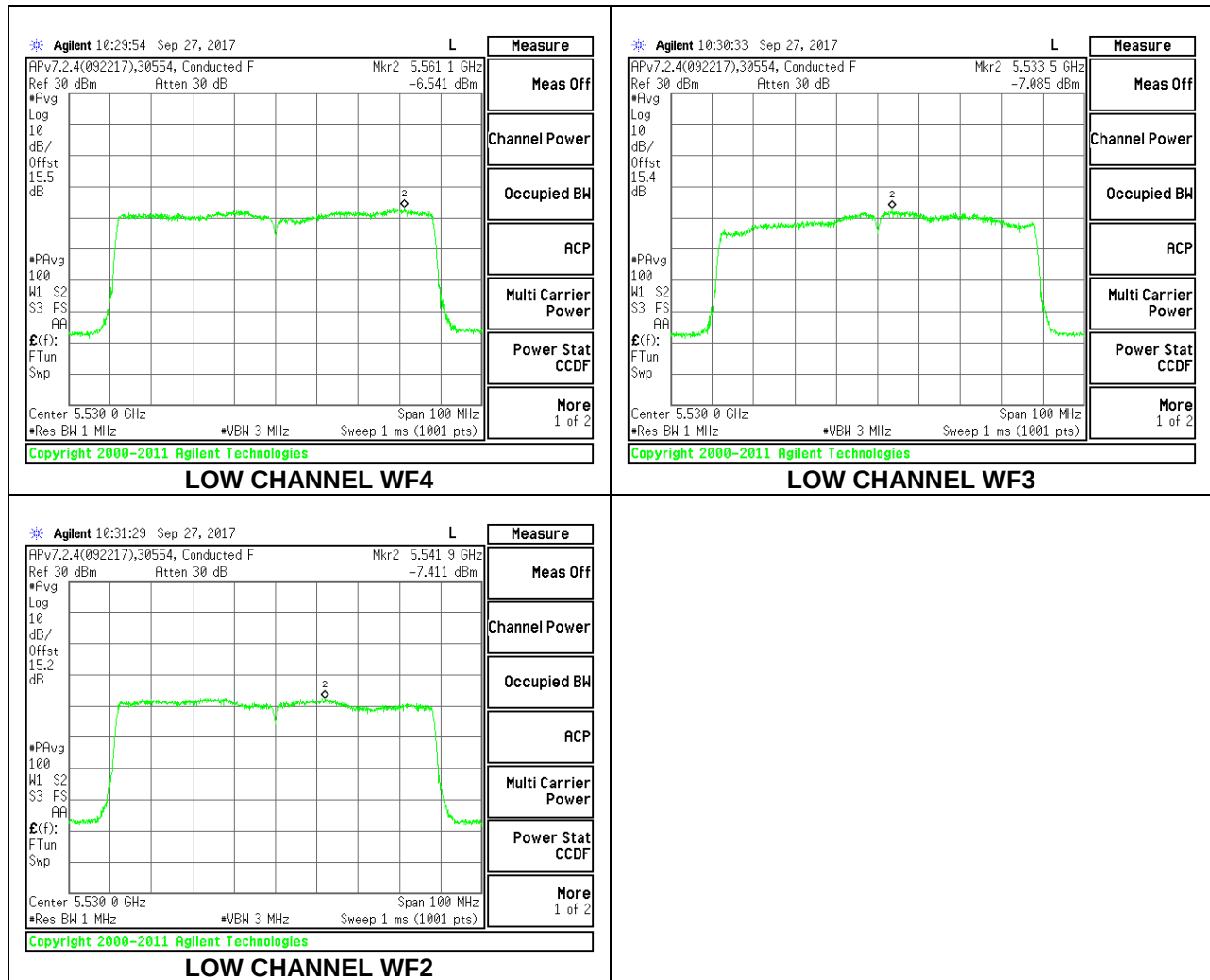
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	9.19	9.24	9.21	13.98	22.70	-8.72
High	5610	14.74	14.72	14.69	19.49	22.70	-3.21
138	5690	17.32	17.17	17.04	22.26	22.70	-0.44

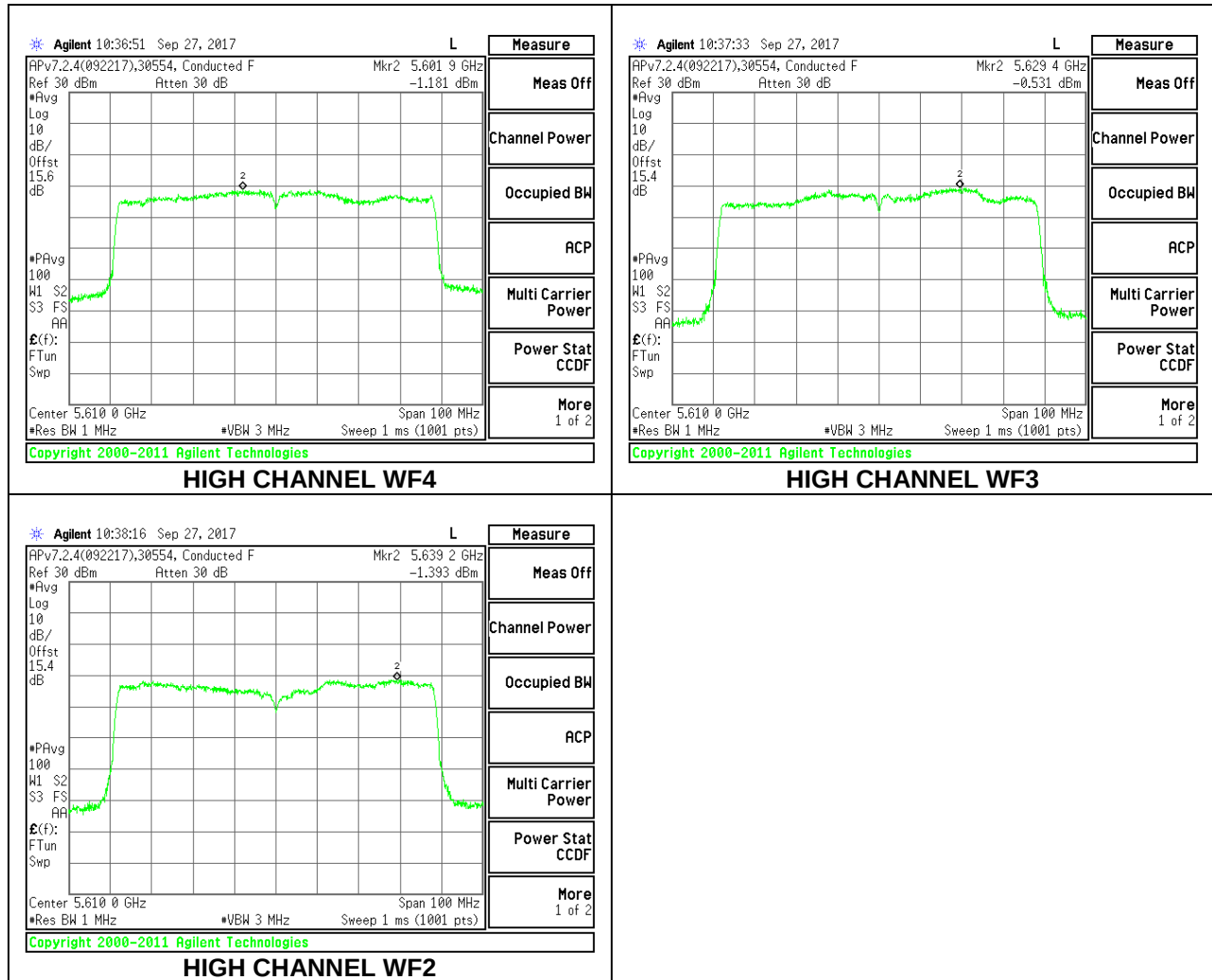
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5530	-6.541	-7.005	-7.411	-2.200	9.70	-11.90
High	5610	-1.181	-0.531	-1.393	3.752	9.70	-5.95
138	5690	1.562	1.278	1.039	6.069	9.70	-3.63

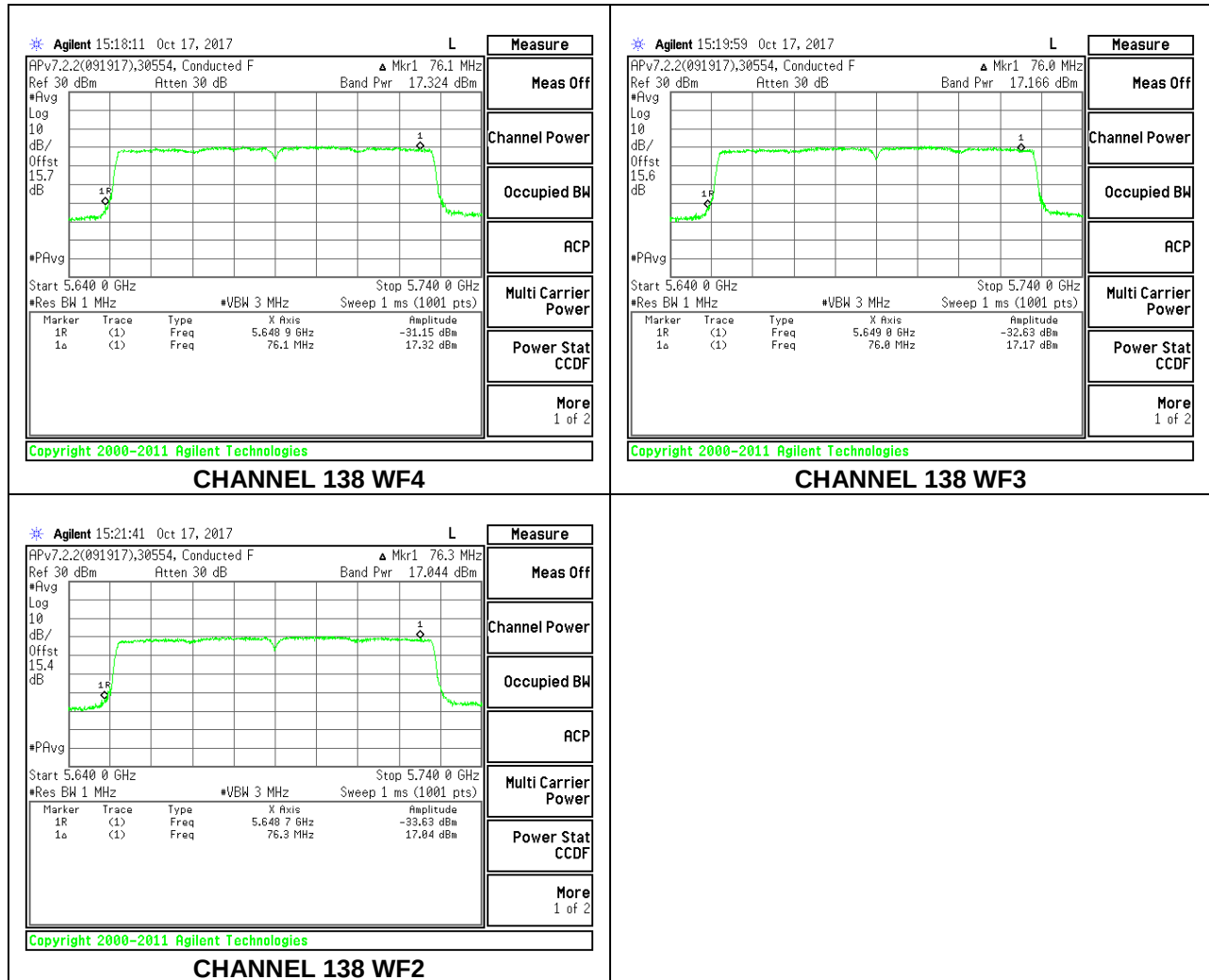
LOW CHANNEL



HIGH CHANNEL



CHANNEL 138



4.5.10. 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Antenna WF4

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5745	1.00	30.00	30.00
Mid	5785	1.00	30.00	30.00
High	5825	1.00	30.00	30.00
144	5720	1.00	30.00	30.00

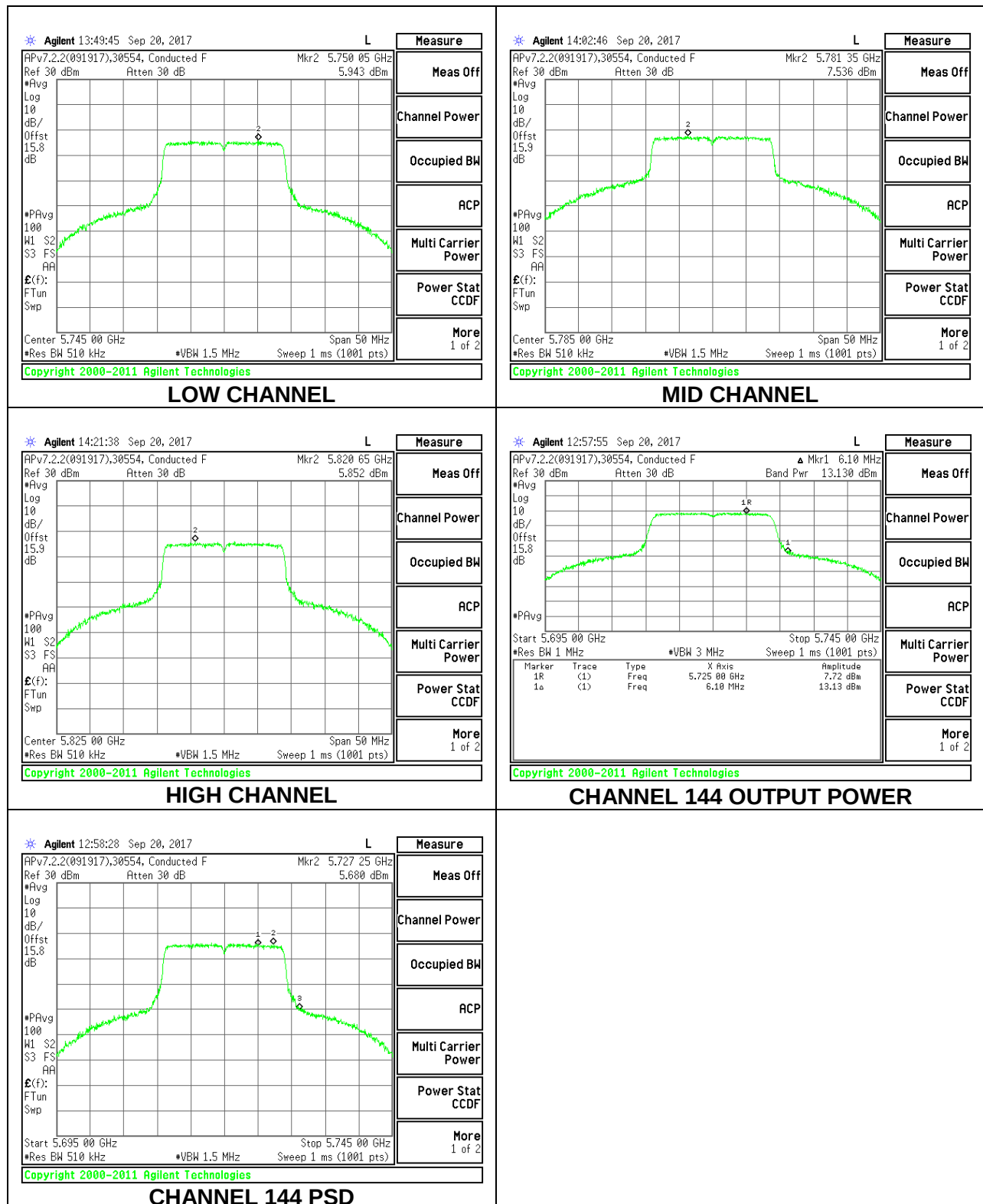
Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	19.98	19.98	30.00	-10.02
Mid	5785	21.85	21.85	30.00	-8.15
High	5825	19.89	19.89	30.00	-10.11
144	5720	13.13	13.36	30.00	-16.64

PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	5.943	6.173	30.00	-23.83
Mid	5785	7.536	7.766	30.00	-22.23
High	5825	5.852	6.082	30.00	-23.92
144	5720	5.680	5.910	30.00	-24.09



1TX Antenna WF3

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5745	1.40	30.00	30.00
Mid	5785	1.40	30.00	30.00
High	5825	1.40	30.00	30.00
144	5720	1.40	30.00	30.00

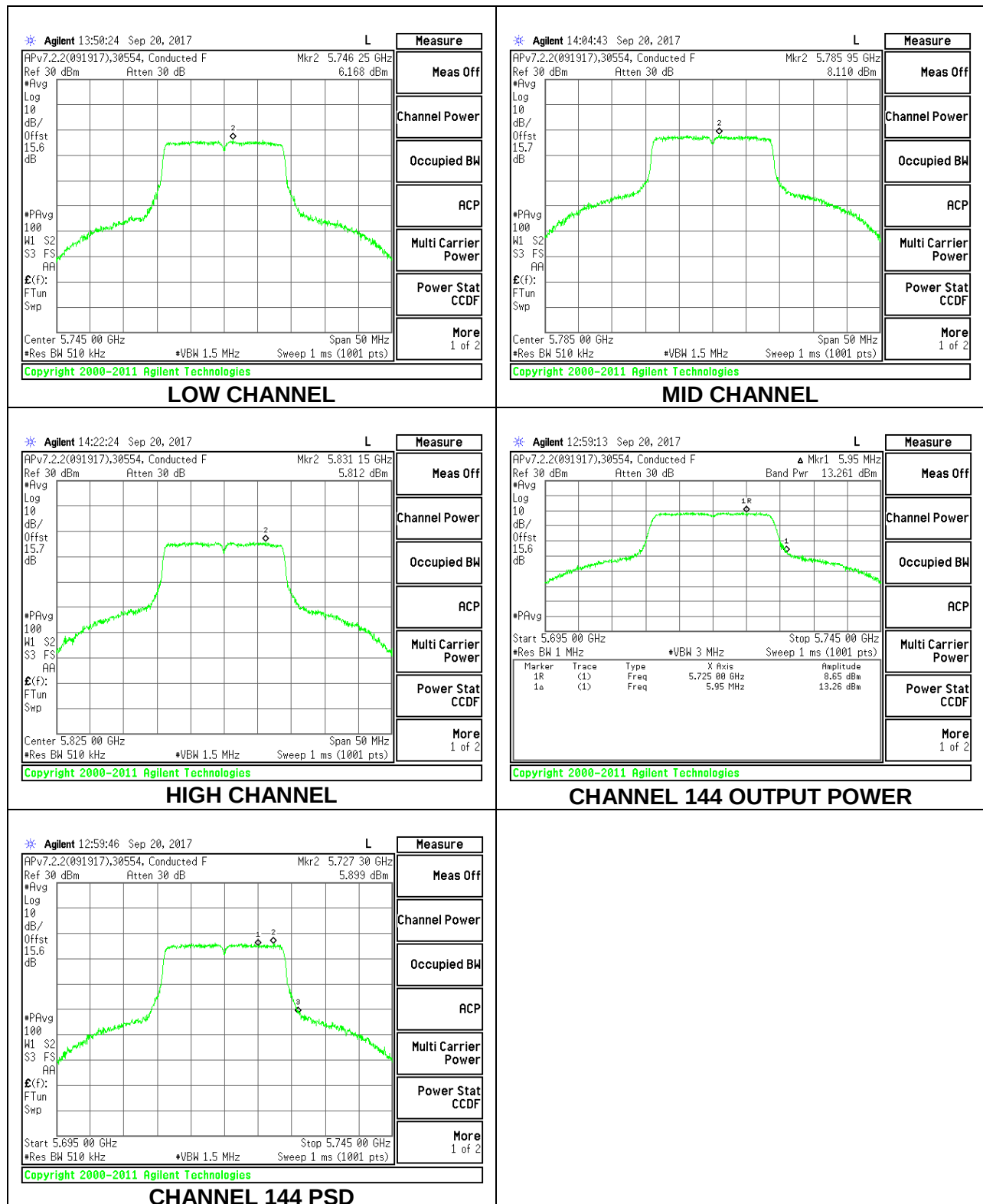
Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	19.81	19.81	30.00	-10.19
Mid	5785	21.98	21.98	30.00	-8.02
High	5825	19.89	19.89	30.00	-10.11
144	5720	13.26	13.49	30.00	-16.51

PSD Results

Channel	Frequency (MHz)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	5.746	5.746	30.00	-24.25
Mid	5785	8.110	8.110	30.00	-21.89
High	5825	5.831	5.831	30.00	-24.17
144	5720	5.899	5.899	30.00	-24.10



1TX Antenna WF2

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5745	3.10	30.00	30.00
Mid	5785	3.10	30.00	30.00
High	5825	3.10	30.00	30.00
144	5720	3.10	30.00	30.00

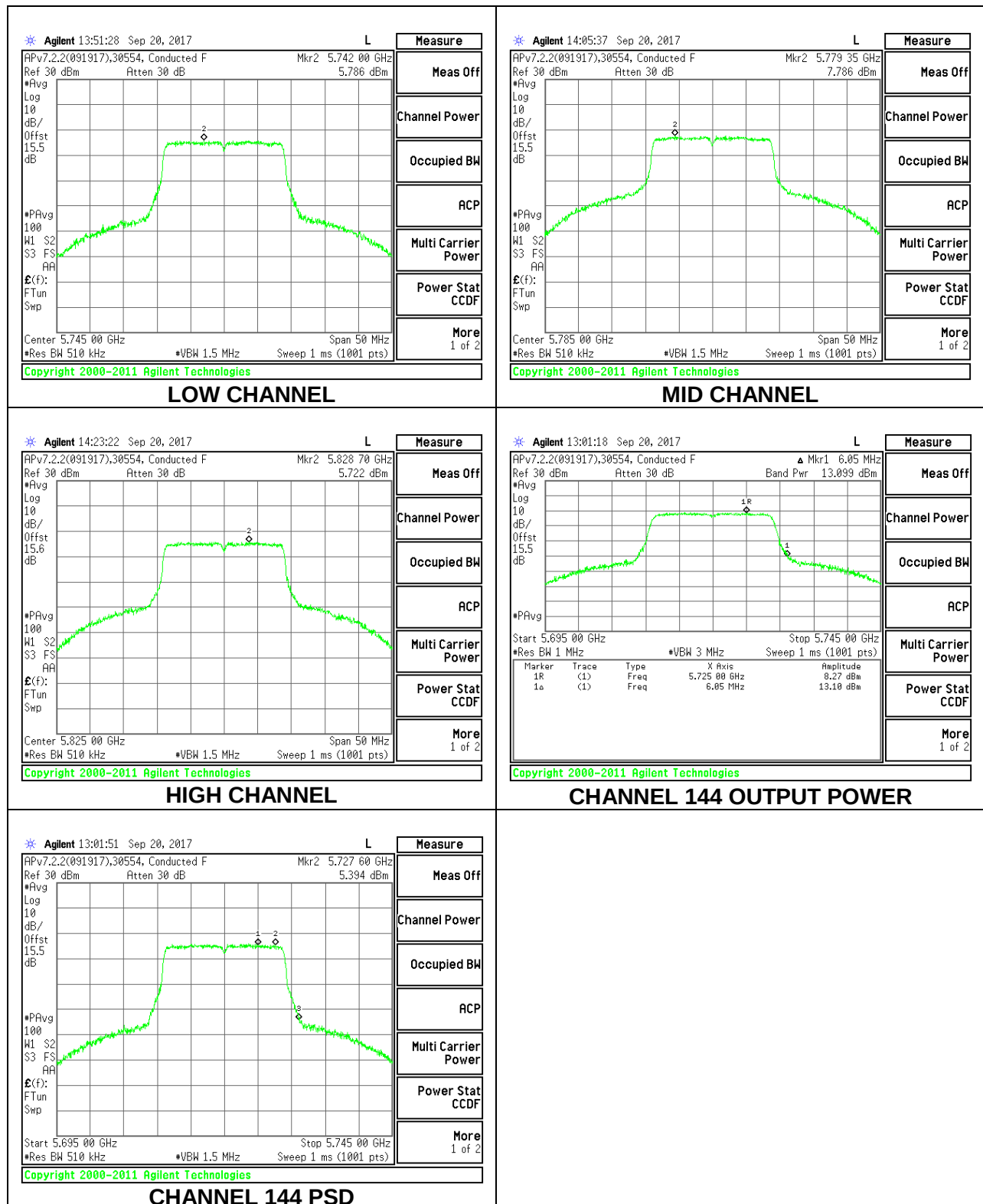
Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	19.89	19.89	30.00	-10.11
Mid	5785	21.78	21.78	30.00	-8.22
High	5825	19.83	19.83	30.00	-10.17
144	5720	13.10	13.33	30.00	-16.67

PSD Results

Channel	Frequency (MHz)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	5.786	5.786	30.00	-24.21
Mid	5785	7.786	7.786	30.00	-22.21
High	5825	5.722	5.722	30.00	-24.28
144	5720	5.394	5.394	30.00	-24.61



2TX Antenna WF4 + Antenna WF3 CDD Mode

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5745	1.20	4.21	30.00	30.00
Mid	5785	1.20	4.21	30.00	30.00
High	5825	1.20	4.21	30.00	30.00
144	5720	1.20	4.21	30.00	30.00

Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd Power & PSD
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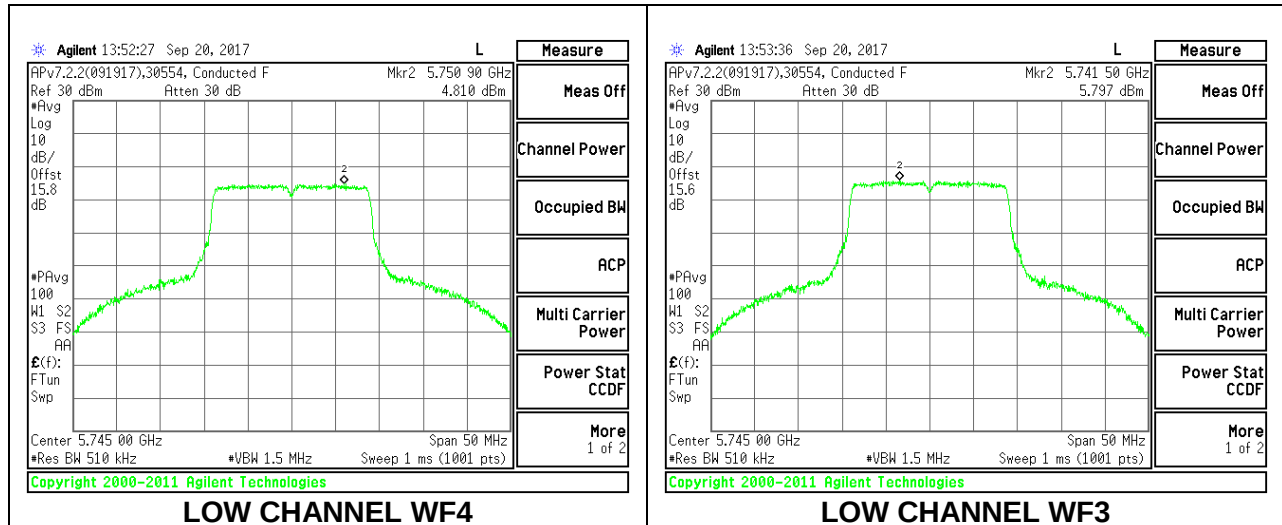
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	18.86	18.78	21.83	30.00	-8.17
Mid	5785	21.91	21.85	24.89	30.00	-5.11
High	5825	18.89	18.86	21.89	30.00	-8.11
144	5720	10.02	10.39	13.45	30.00	-16.55

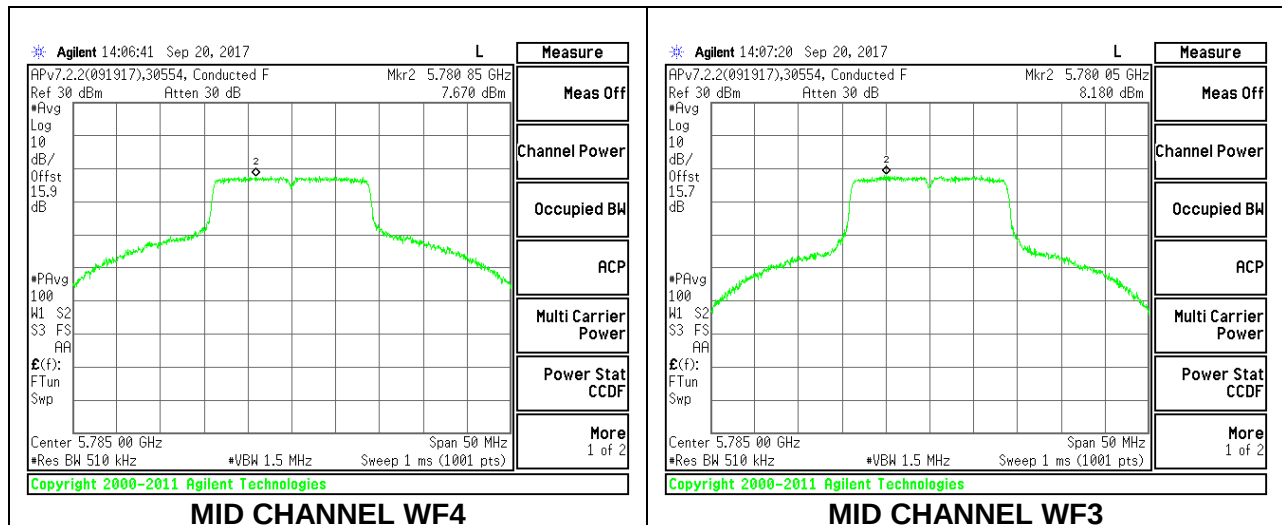
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	4.810	5.797	8.572	30.00	-21.43
Mid	5785	7.670	8.180	11.173	30.00	-18.83
High	5825	4.991	4.994	8.233	30.00	-21.77
144	5720	2.366	2.733	5.794	30.00	-24.21

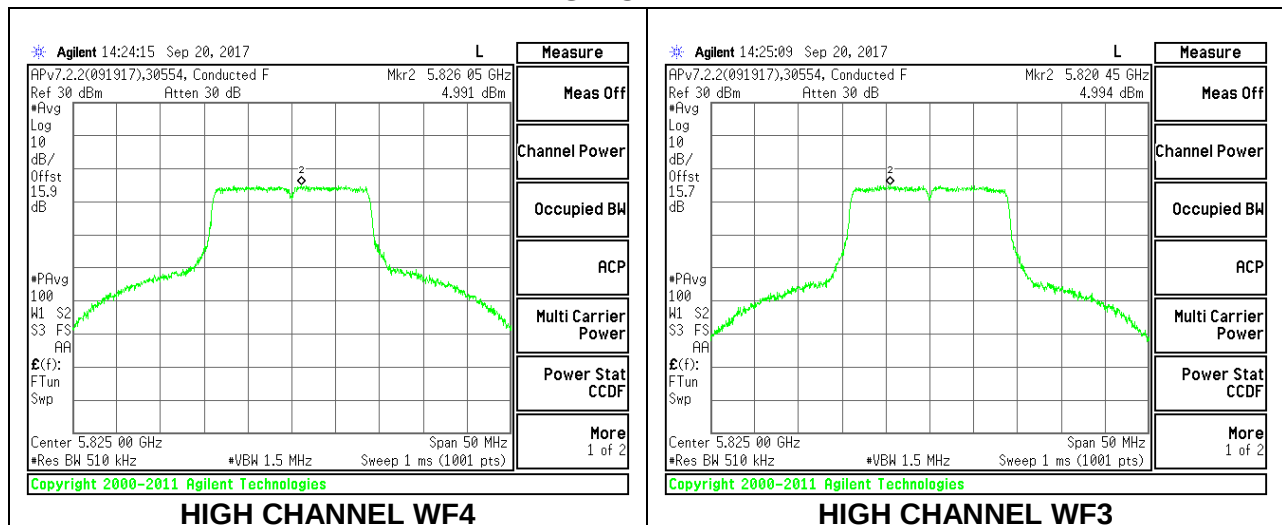
LOW CHANNEL



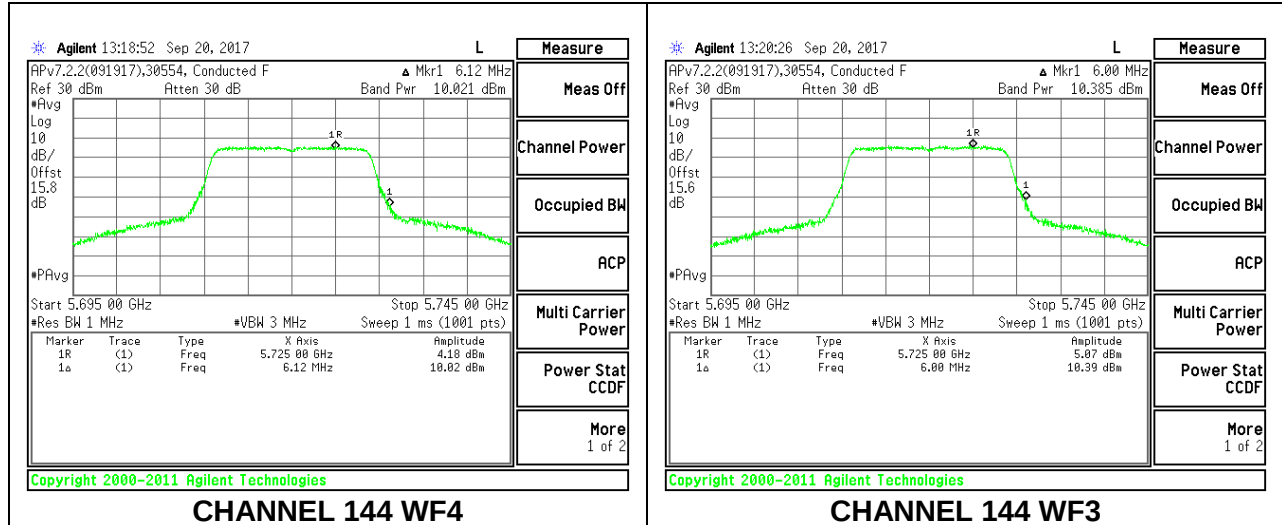
MID CHANNEL



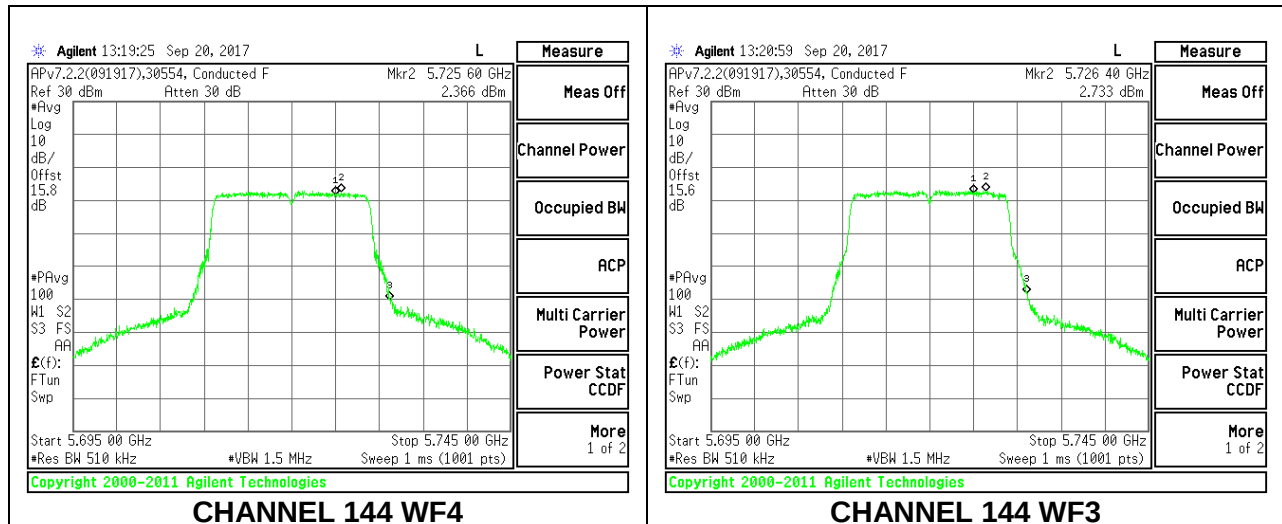
HIGH CHANNEL



CHANNEL 144 OUTPUT POWER



CHANNEL 144 PSD



2TX Antenna WF4 + Antenna WF3 SDM Mode

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5745	1.20	1.20	30.00	30.00
Mid	5785	1.20	1.20	30.00	30.00
High	5825	1.20	1.20	30.00	30.00
144	5720	1.20	1.20	30.00	30.00

Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd Power & PSD
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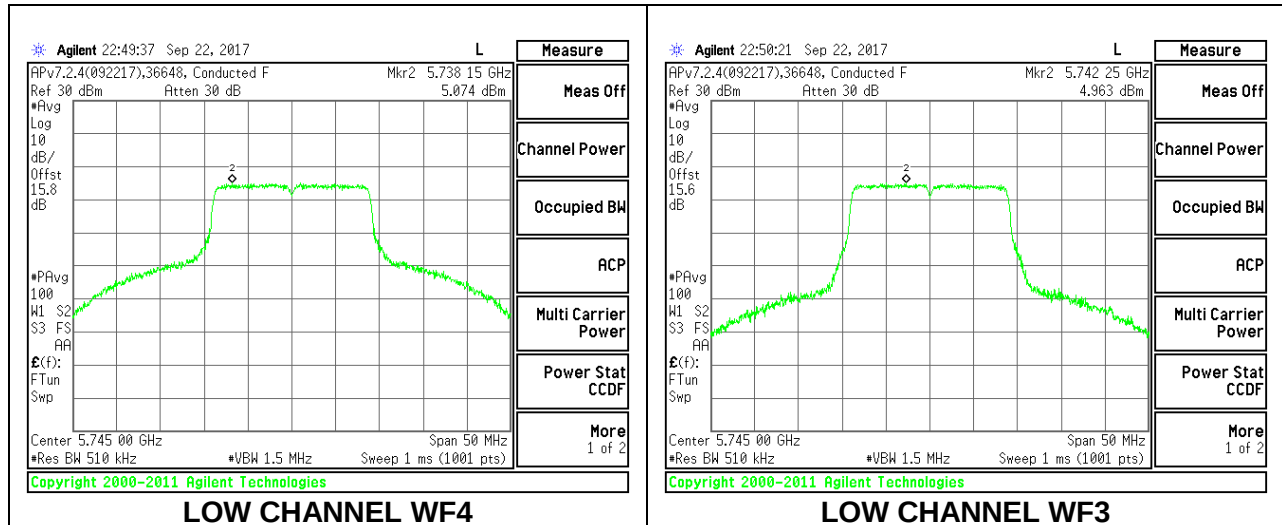
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	18.79	18.81	21.81	30.00	-8.19
Mid	5785	21.89	21.76	24.84	30.00	-5.16
High	5825	18.92	18.87	21.91	30.00	-8.09
144	5720	10.09	10.55	13.56	30.00	-16.44

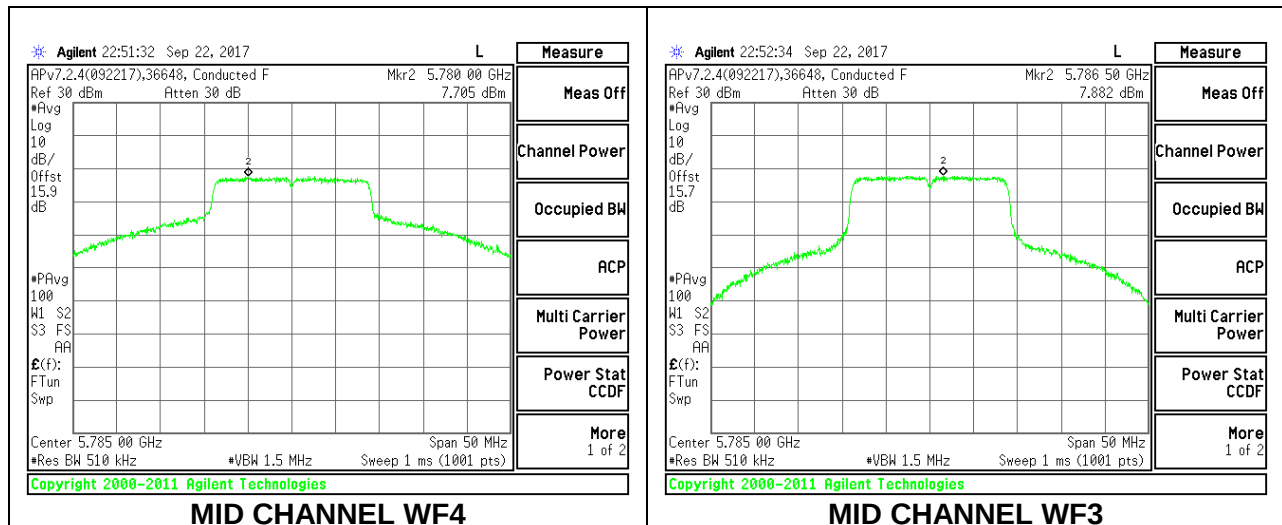
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	5.074	4.963	8.259	30.00	-21.74
Mid	5785	7.705	7.882	11.035	30.00	-18.97
High	5825	4.949	5.158	8.295	30.00	-21.70
144	5720	2.275	2.521	5.640	30.00	-24.36

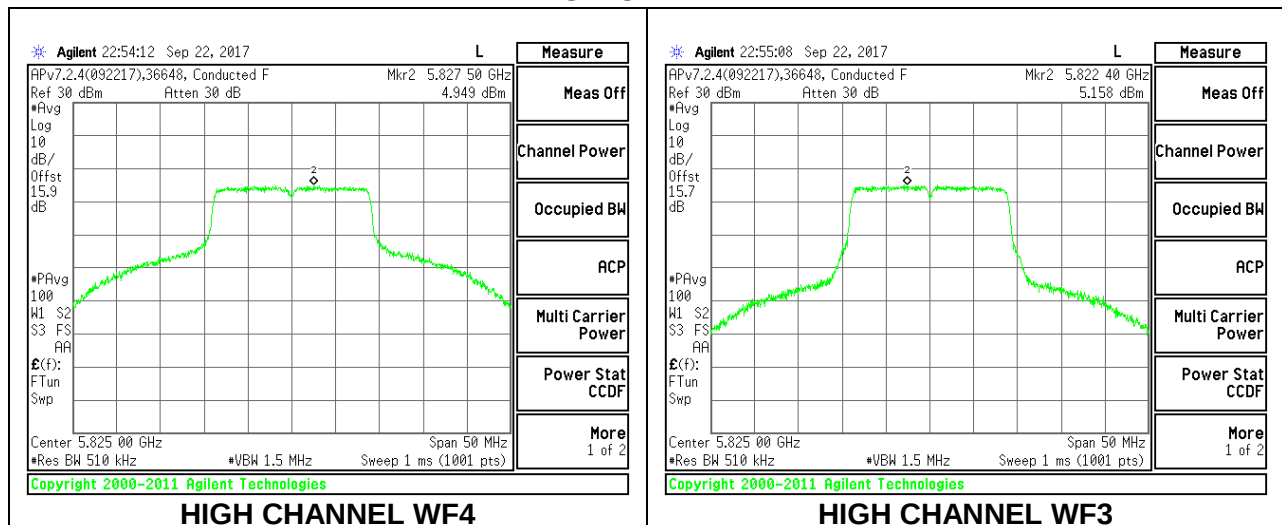
LOW CHANNEL



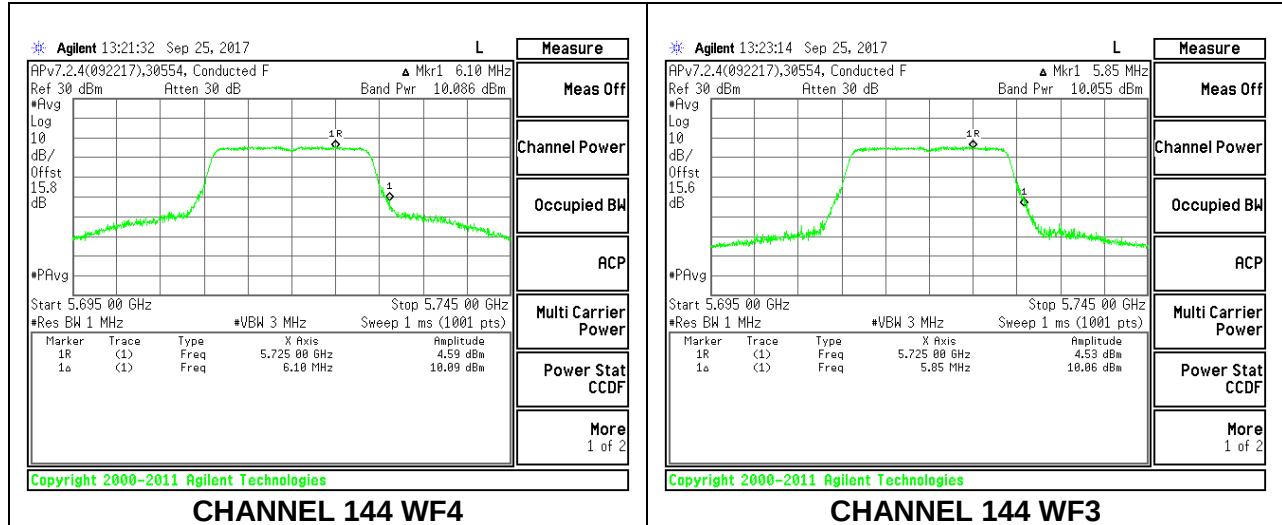
MID CHANNEL



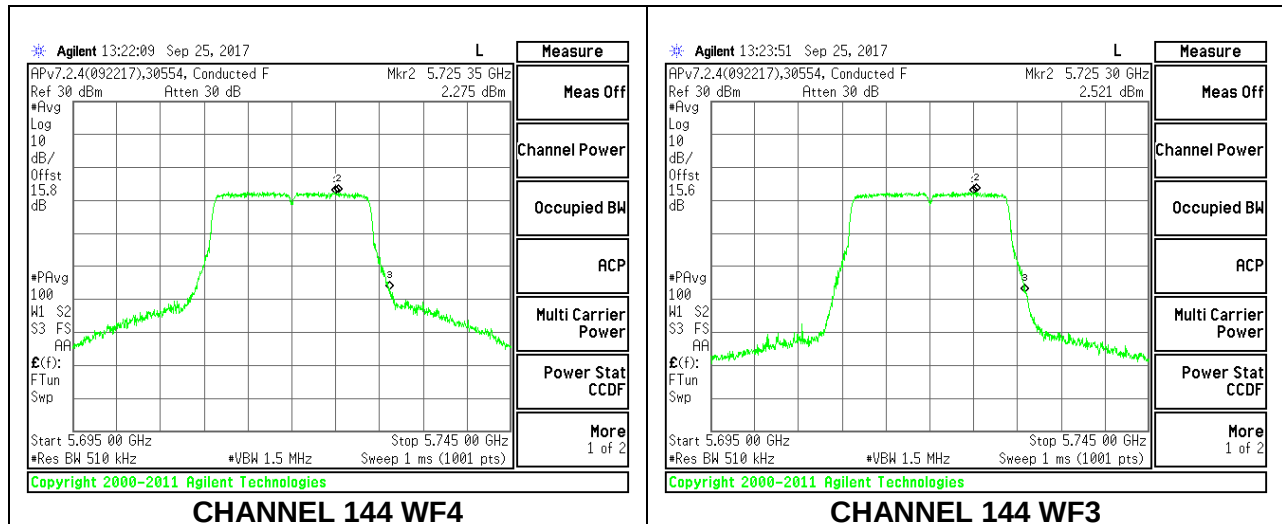
HIGH CHANNEL



CHANNEL 144 OUTPUT POWER



CHANNEL 144 PSD



2TX Antenna WF4 + Antenna WF3 BF Mode

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5745	4.21	4.21	30.00	30.00
Mid	5785	4.21	4.21	30.00	30.00
High	5825	4.21	4.21	30.00	30.00
144	5720	4.21	4.21	30.00	30.00

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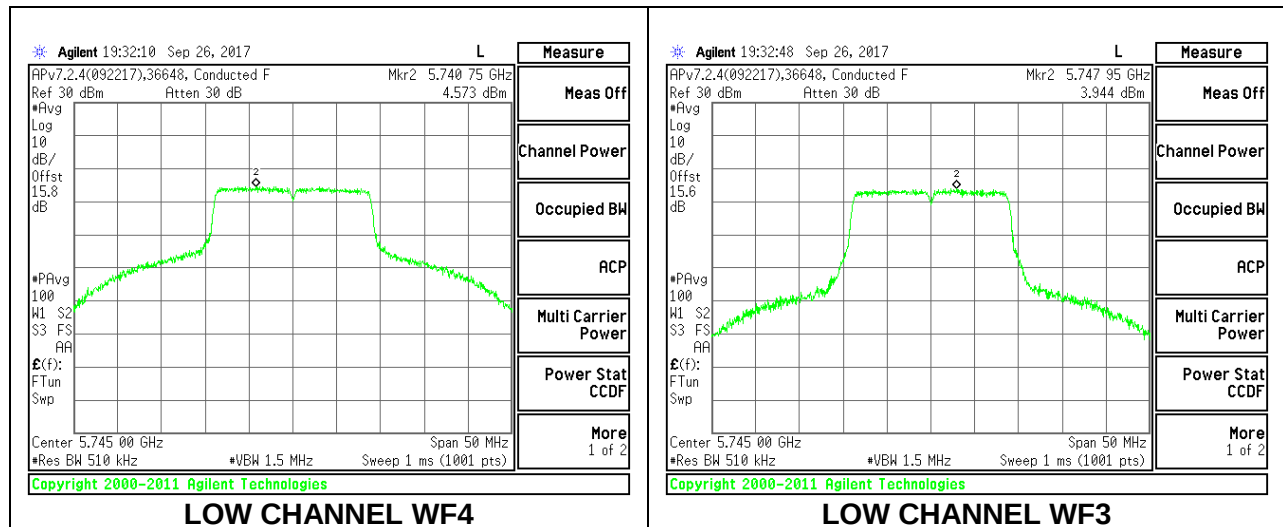
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	18.44	18.36	21.41	30.00	-8.59
Mid	5785	21.88	21.82	24.86	30.00	-5.14
High	5825	18.43	18.36	21.41	30.00	-8.59
144	5720	6.38	6.06	9.35	30.00	-20.65

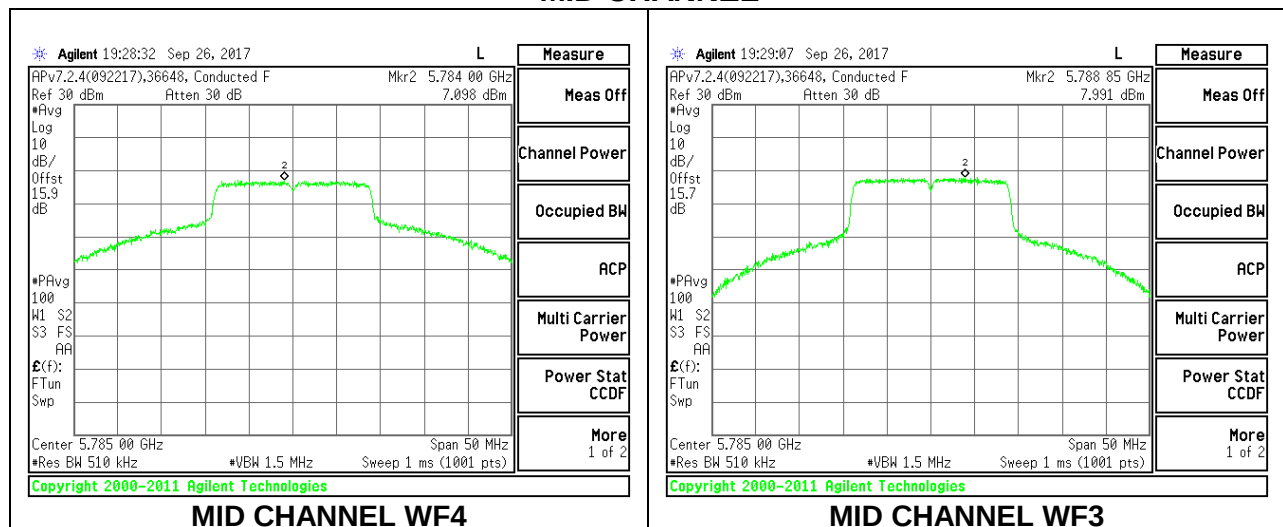
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	4.573	3.944	7.400	30.00	-22.60
Mid	5785	7.098	7.991	10.698	30.00	-19.30
High	5825	1.747	2.899	5.491	30.00	-24.51
144	5720	-3.020	-3.050	0.095	30.00	-29.90

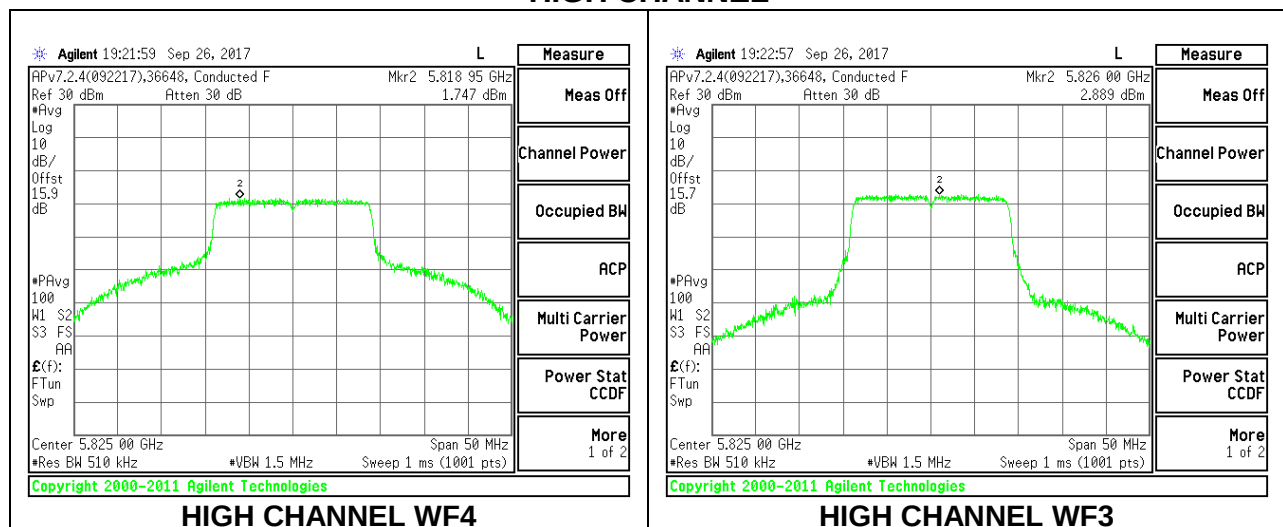
LOW CHANNEL



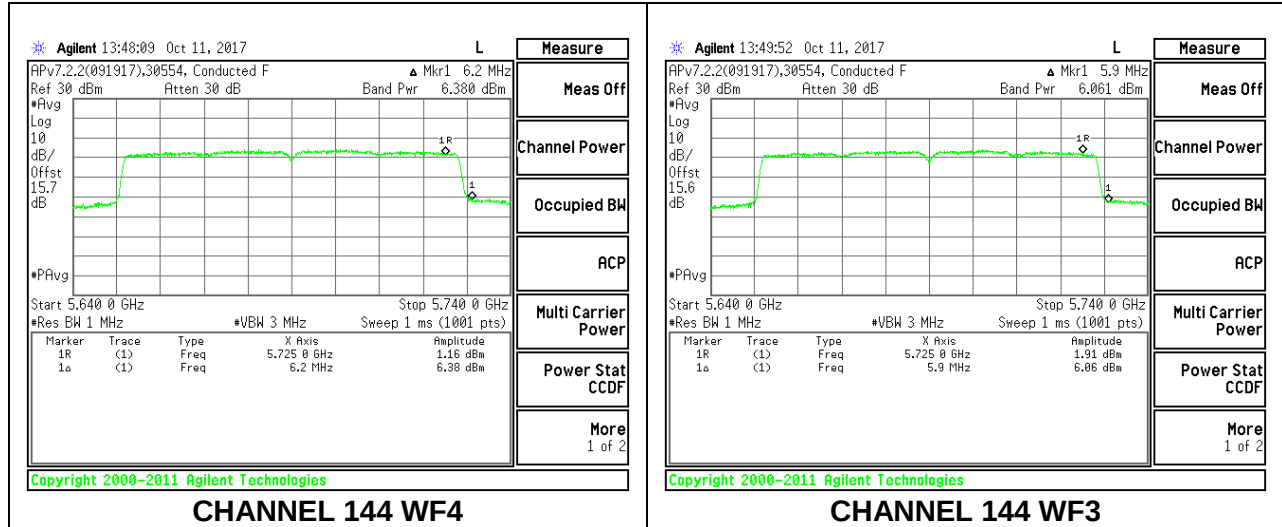
MID CHANNEL



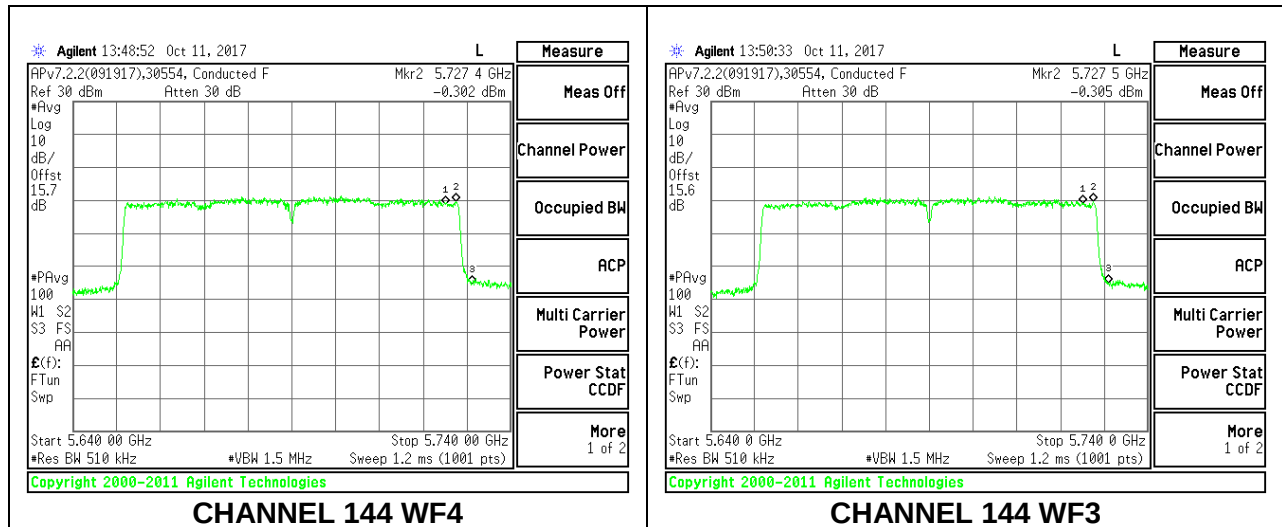
HIGH CHANNEL



CHANNEL 144 OUTPUT POWER



CHANNEL 144 PSD



2TX Antenna WF4 + Antenna WF2 CDD Mode

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5745	2.18	5.12	30.00	30.00
Mid	5785	2.18	5.12	30.00	30.00
High	5825	2.18	5.12	30.00	30.00
144	5720	2.18	5.12	30.00	30.00

Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd Power & PSD
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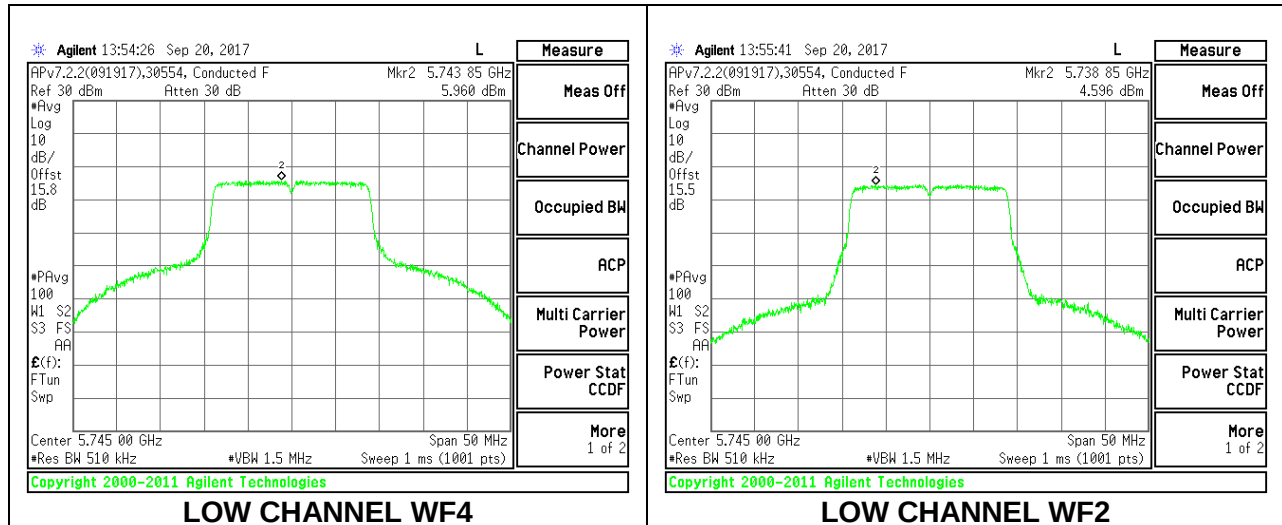
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	18.81	18.79	21.81	30.00	-8.19
Mid	5785	21.91	21.86	24.90	30.00	-5.10
High	5825	18.88	18.82	21.86	30.00	-8.14
144	5720	10.39	10.30	13.58	30.00	-16.42

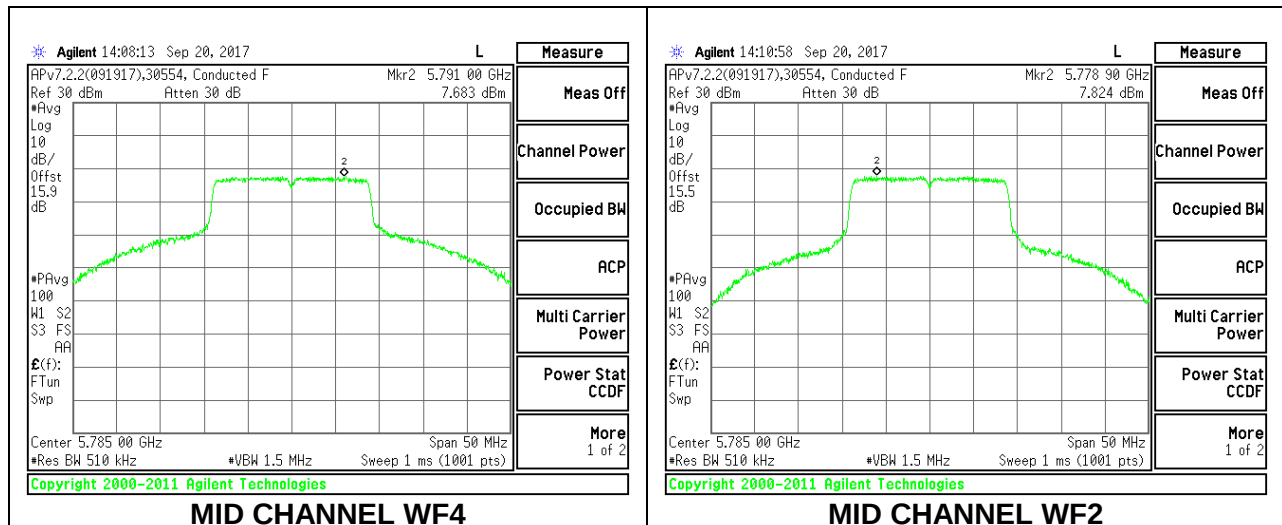
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	5.960	4.596	8.572	30.00	-21.43
Mid	5785	7.683	7.824	10.994	30.00	-19.01
High	5825	4.978	4.900	8.179	30.00	-21.82
144	5720	2.588	2.619	5.844	30.00	-24.16

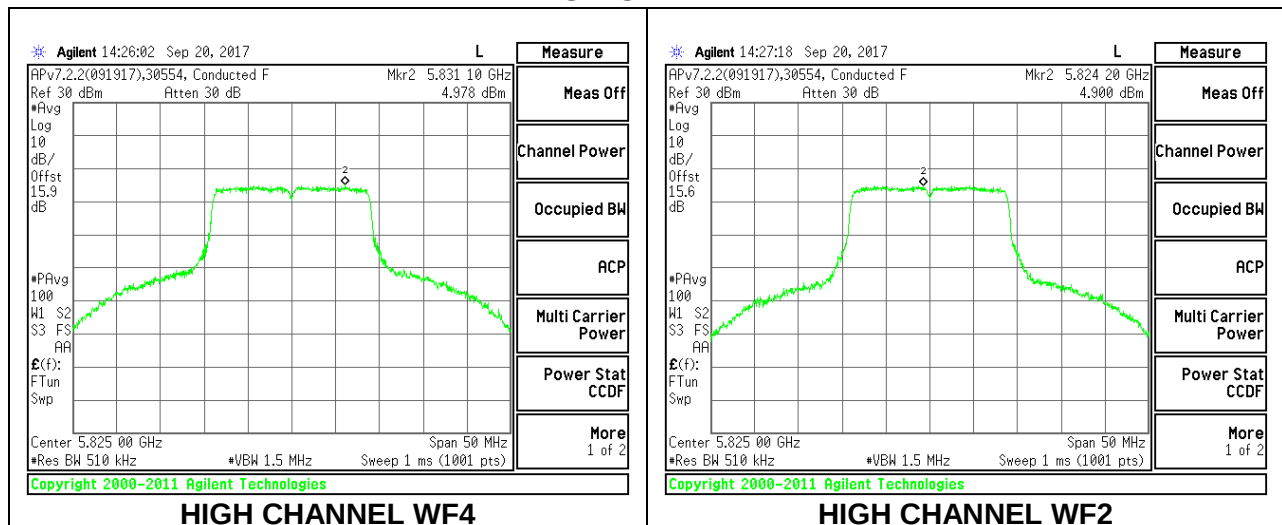
LOW CHANNEL



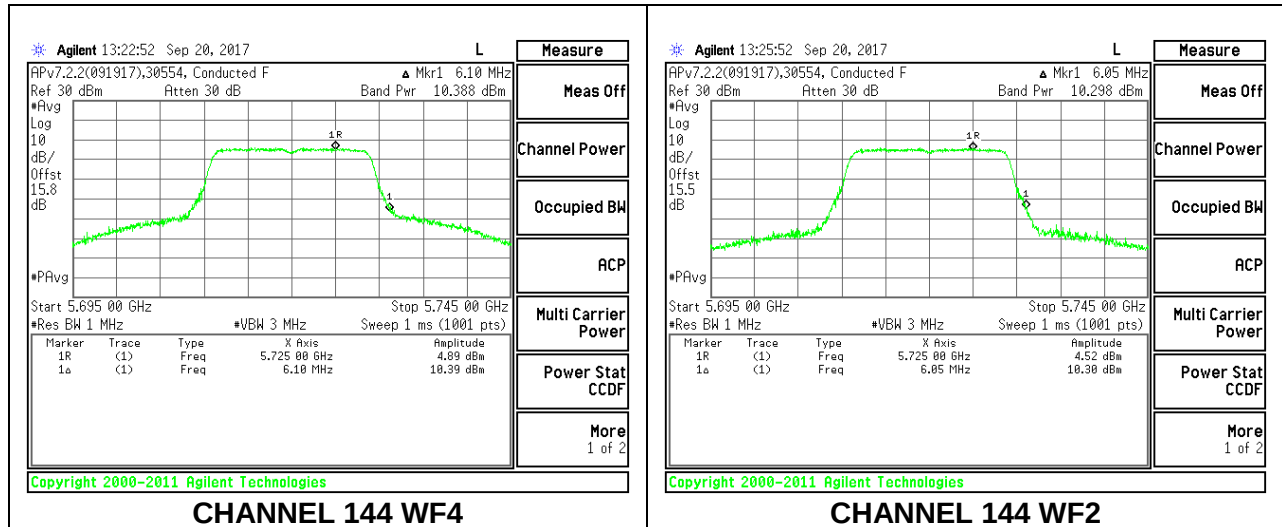
MID CHANNEL



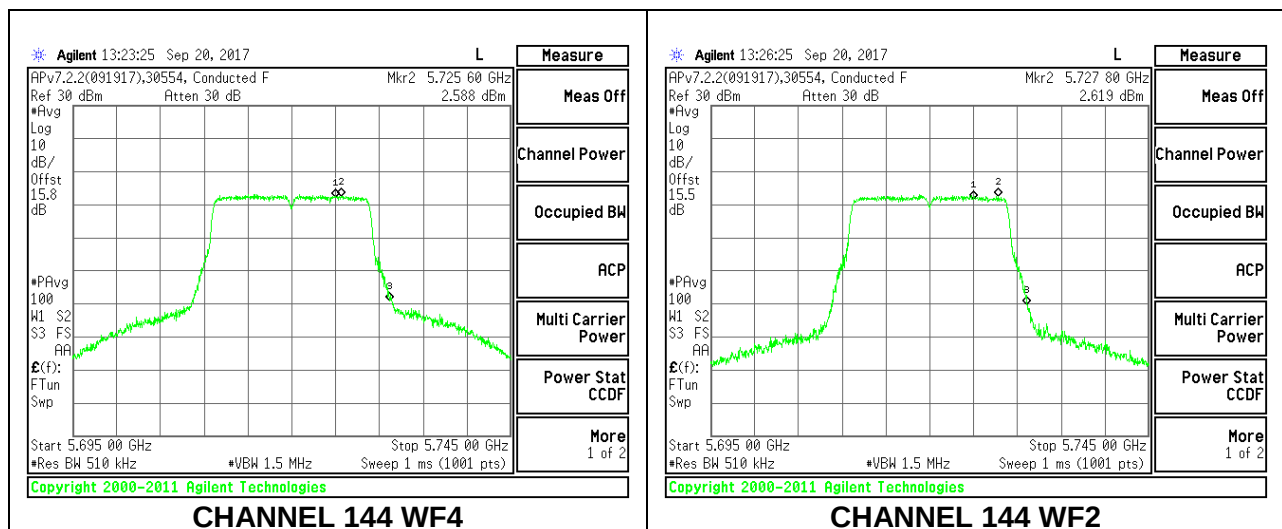
HIGH CHANNEL



CHANNEL 144 OUTPUT POWER



CHANNEL 144



2TX Antenna WF4 + Antenna WF2 SDM Mode

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5745	2.18	2.18	30.00	30.00
Mid	5785	2.18	2.18	30.00	30.00
High	5825	2.18	2.18	30.00	30.00
144	5720	2.18	2.18	30.00	30.00

Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd Power & PSD
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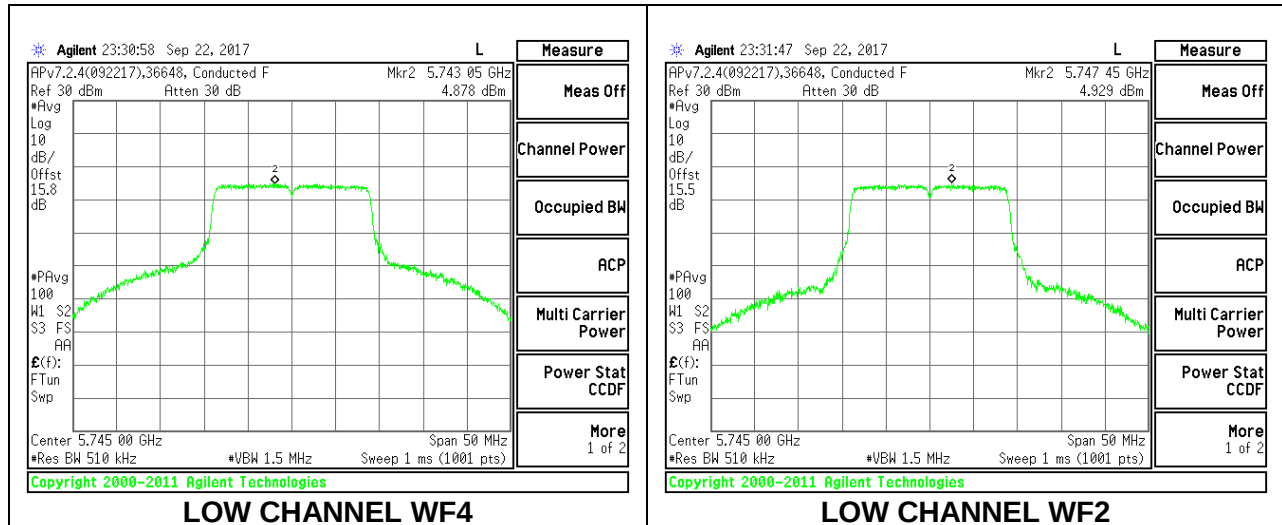
Output Power Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	18.89	18.84	21.88	30.00	-8.12
Mid	5785	21.86	21.82	24.85	30.00	-5.15
High	5825	18.82	18.79	21.82	30.00	-8.18
144	5720	10.08	10.01	13.29	30.00	-16.71

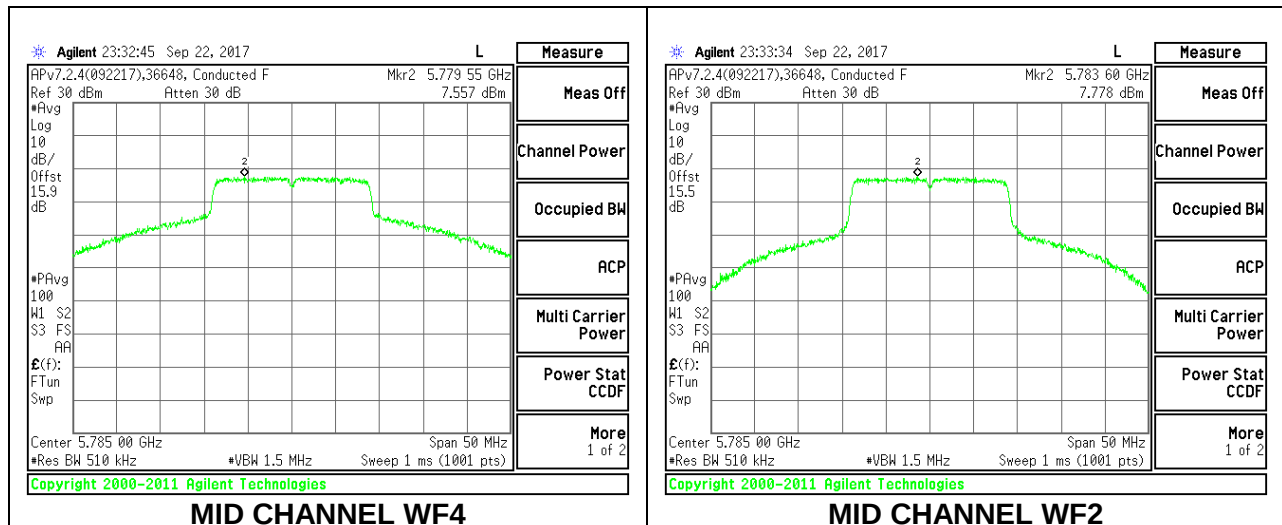
PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	4.878	4.929	8.144	30.00	-21.86
Mid	5785	7.557	7.778	10.909	30.00	-19.09
High	5825	5.139	5.314	8.468	30.00	-21.53
144	5720	2.428	2.341	5.625	30.00	-24.37

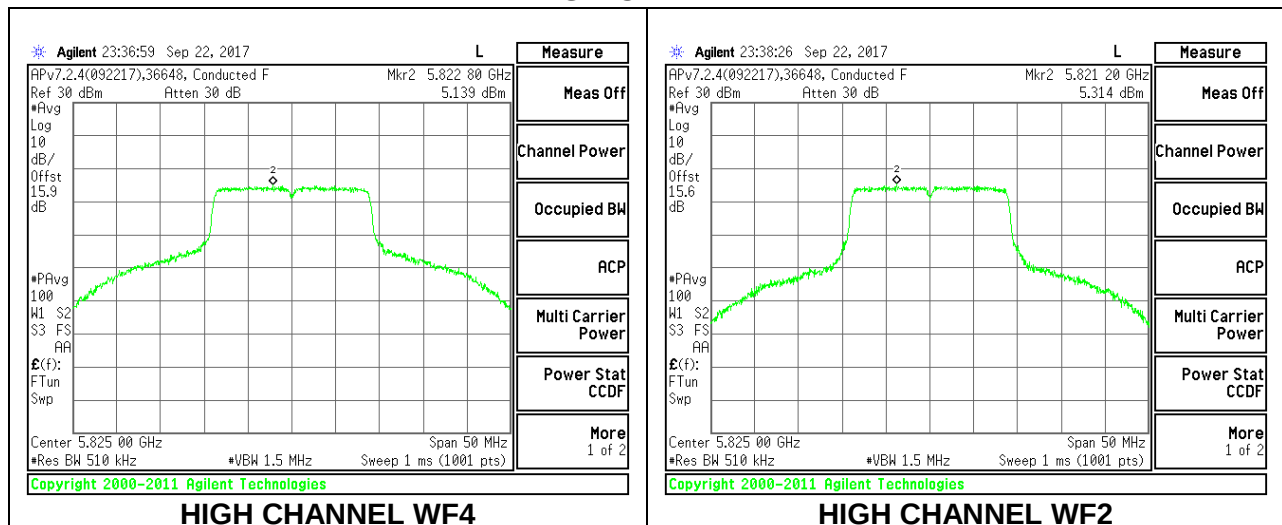
LOW CHANNEL



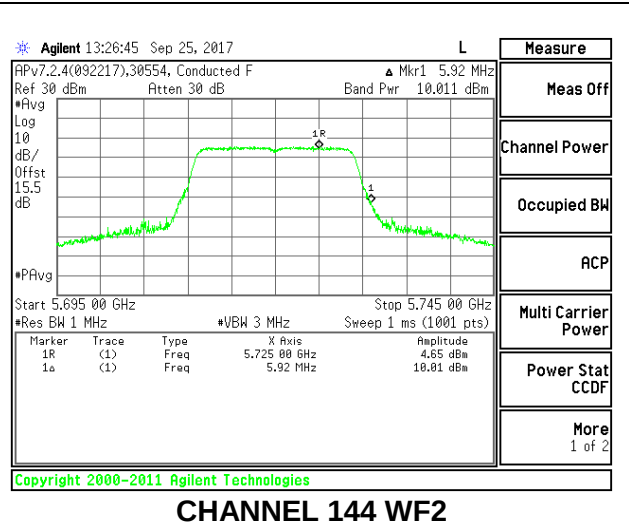
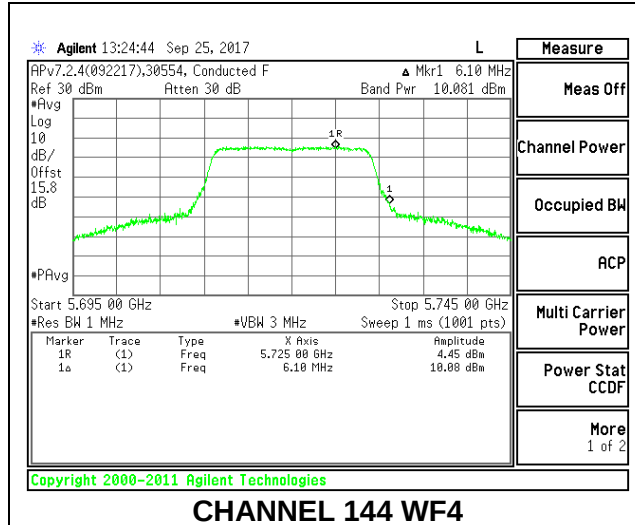
MID CHANNEL



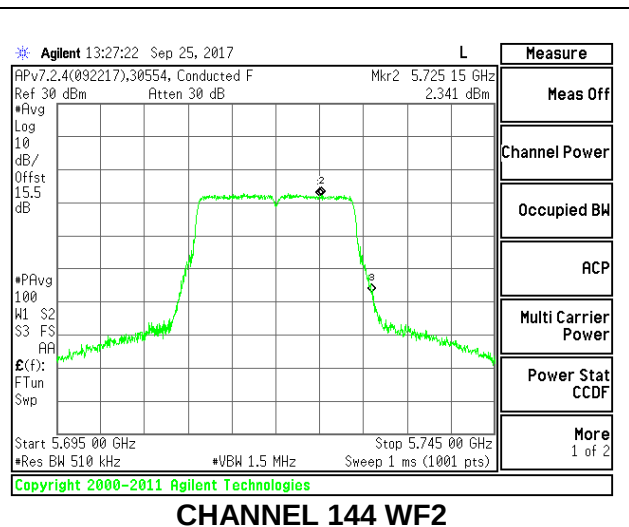
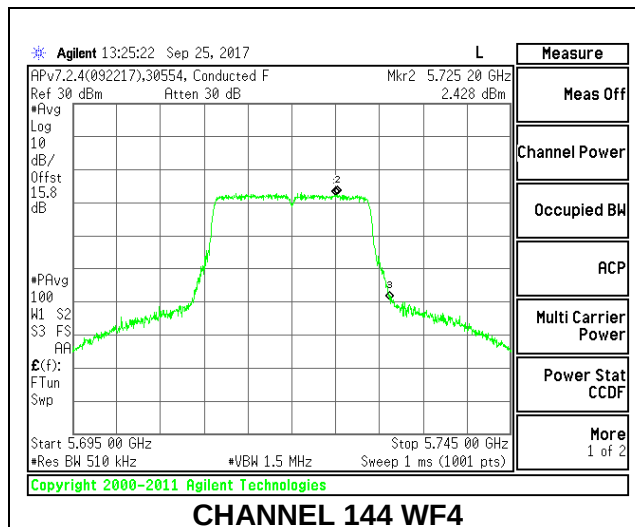
HIGH CHANNEL



CHANNEL 144 OUTPUT POWER



CHANNEL 144 PSD



2TX Antenna WF4 + Antenna WF2 BF Mode

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC/IC Power Limit (dBm)	FCC/IC PSD Limit (dBm)
Low	5745	5.12	5.12	30.00	30.00
Mid	5785	5.12	5.12	30.00	30.00
High	5825	5.12	5.12	30.00	30.00
144	5720	5.12	5.12	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)	WF4 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	18.35	18.41	21.39	30.00	-8.61
Mid	5785	21.98	21.92	24.96	30.00	-5.04
High	5825	18.41	18.39	21.41	30.00	-8.59
144	5720	6.64	5.59	9.27	30.00	-20.73

PSD Results

Channel	Frequency (MHz)	WF4 Meas PSD (dBm)	WF2 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	4.426	4.103	7.398	30.00	-22.60
Mid	5785	6.815	7.124	10.103	30.00	-19.90
High	5825	4.450	4.307	7.509	30.00	-22.49
144	5720	0.374	-0.868	2.928	30.00	-27.07