

4.5.3. 802.11ac VHT40 MODE IN THE 5.2 GHz BAND

4Tx 4 STREAM CDD MODE

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm)
Low	5190	3.98	3.98	30.00	17.00
High	5230	3.98	3.98	30.00	17.00

Duty Cycle CF (dB)	0.32	Included in Calculations of Corr'd Power & PSD
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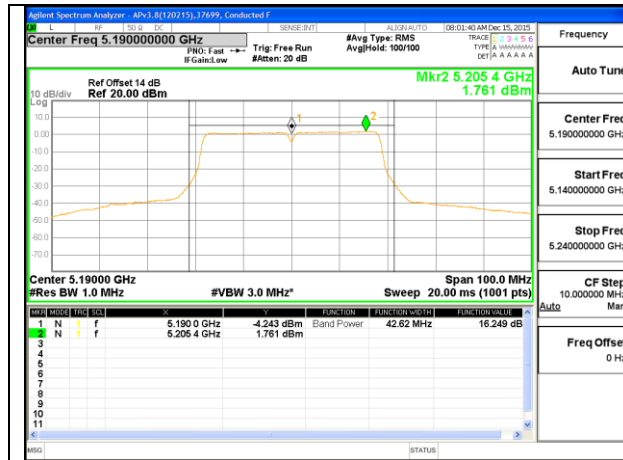
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Chain 2 Meas Power (dBm)	Chain 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	16.25	15.72	15.70	15.27	22.09	30.00	-7.91
High	5230	22.21	21.17	21.00	21.18	27.75	30.00	-2.25

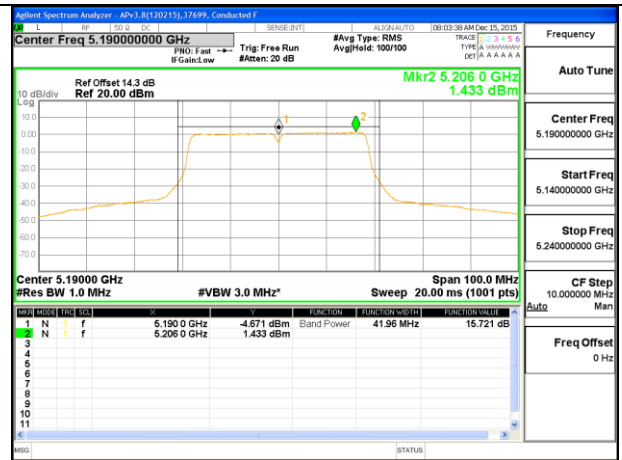
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Chain 2 Meas PSD (dBm)	Chain 3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5190	1.76	1.43	1.14	0.59	7.59	17.00	-9.41
High	5230	7.58	6.35	6.28	6.39	13.02	17.00	-3.98

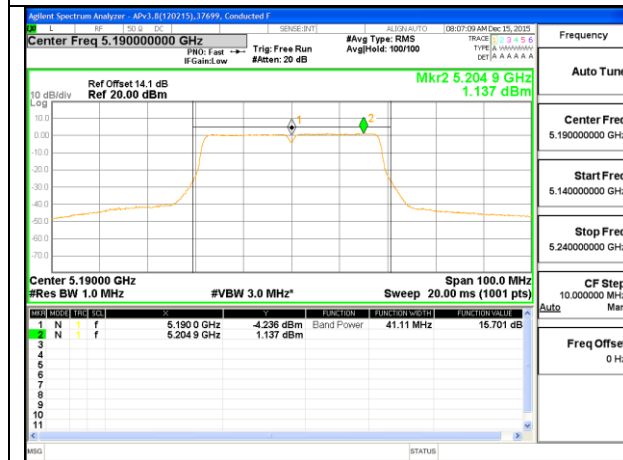
LOW CHANNEL



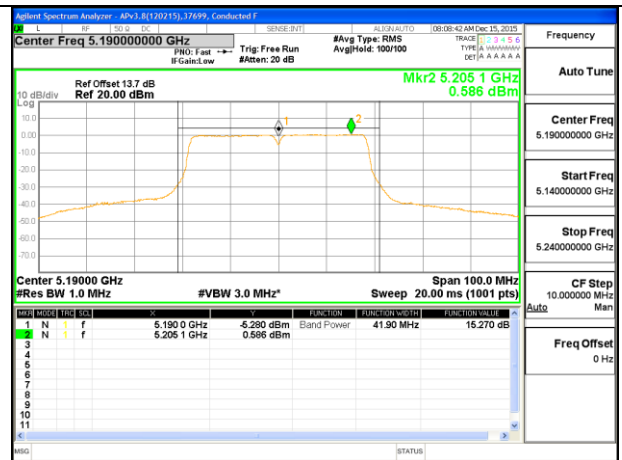
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1

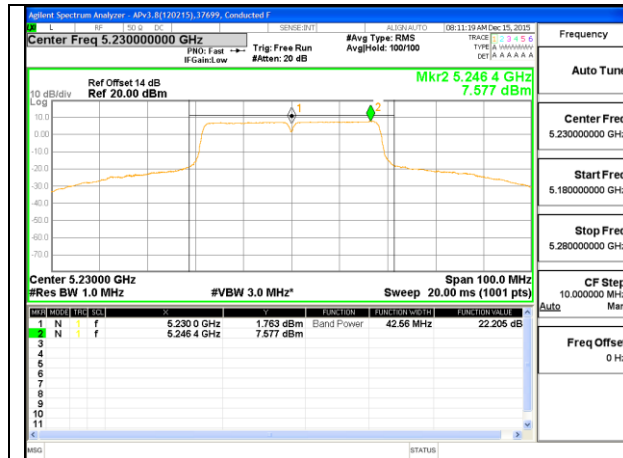


LOW CHANNEL CHAIN 2

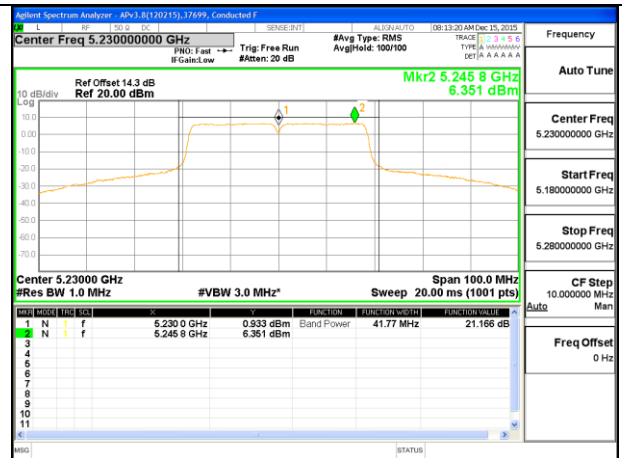


LOW CHANNEL CHAIN 3

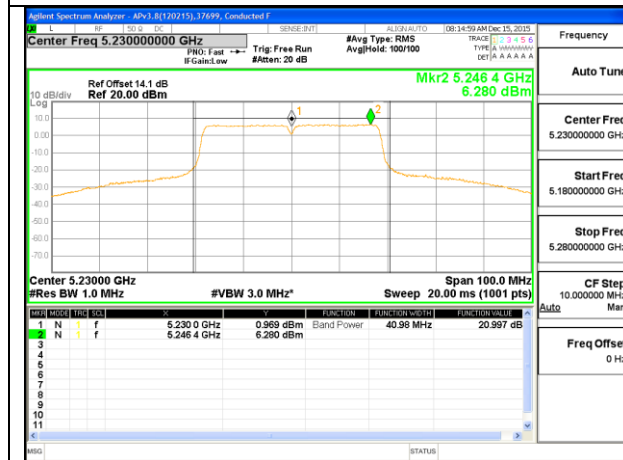
HIGH CHANNEL



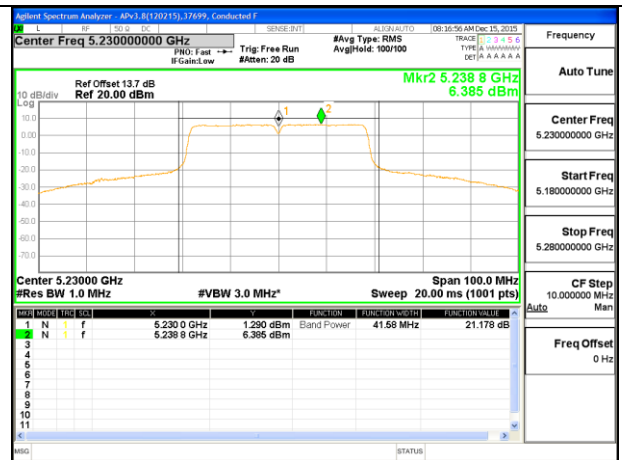
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1



HIGH CHANNEL CHAIN 2



HIGH CHANNEL CHAIN 3

4Tx 1 STREAM CDD MODE

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm)
Low	5190	3.98	9.92	30.00	13.08
High	5230	3.98	9.92	30.00	13.08

Duty Cycle CF (dB)	0.15	Included in Calculations of Corr'd Power & PSD
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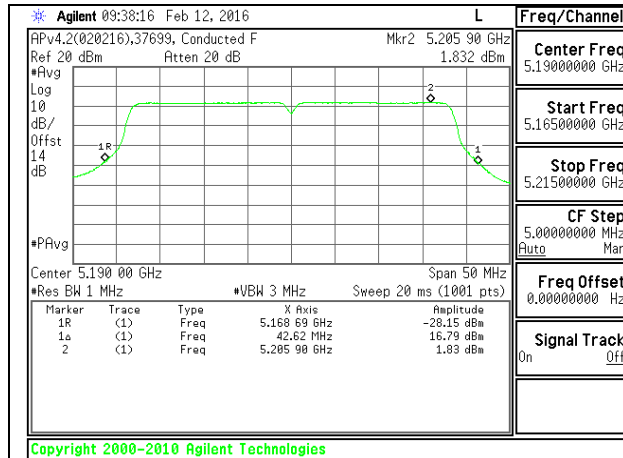
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Chain 2 Meas Power (dBm)	Chain 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	16.79	16.58	16.32	16.65	22.76	30.00	-7.24
High	5230	21.85	21.38	21.33	21.41	27.67	30.00	-2.33

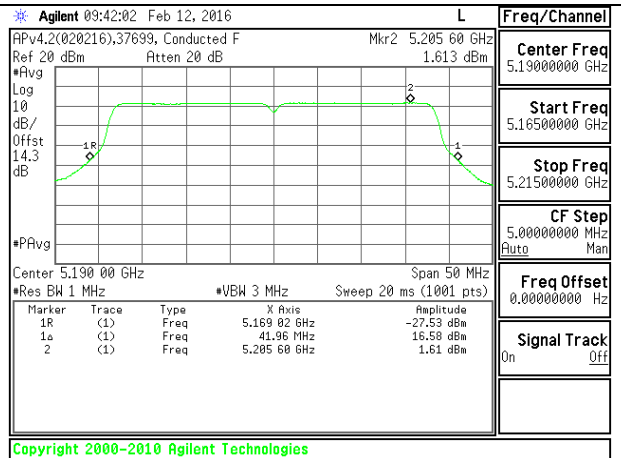
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Chain 2 Meas PSD (dBm)	Chain 3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5190	1.83	1.61	1.41	1.69	7.81	13.08	-5.27
High	5230	7.01	6.35	6.56	6.47	12.78	13.08	-0.30

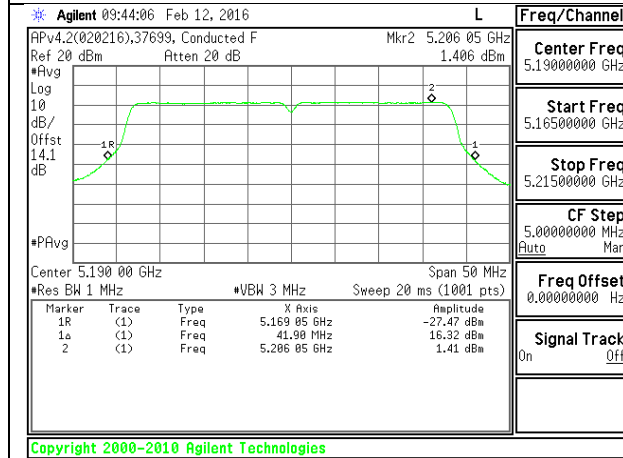
LOW CHANNEL



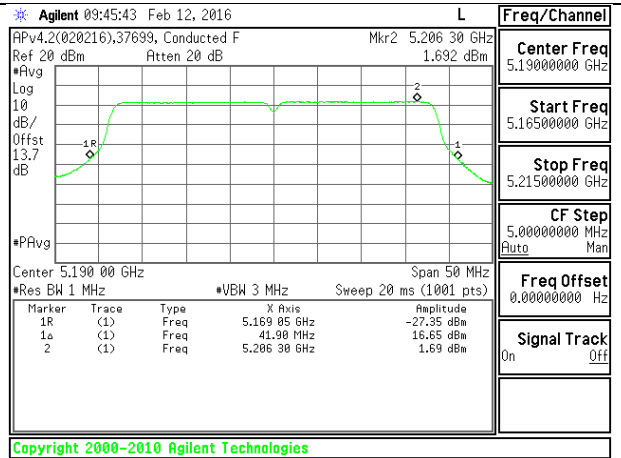
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1

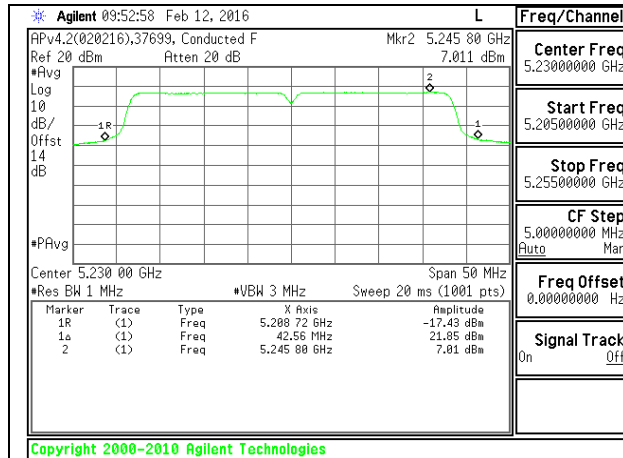


LOW CHANNEL CHAIN 2

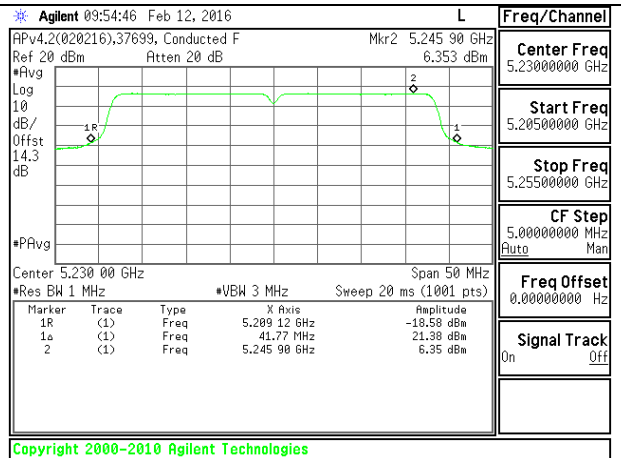


LOW CHANNEL CHAIN 3

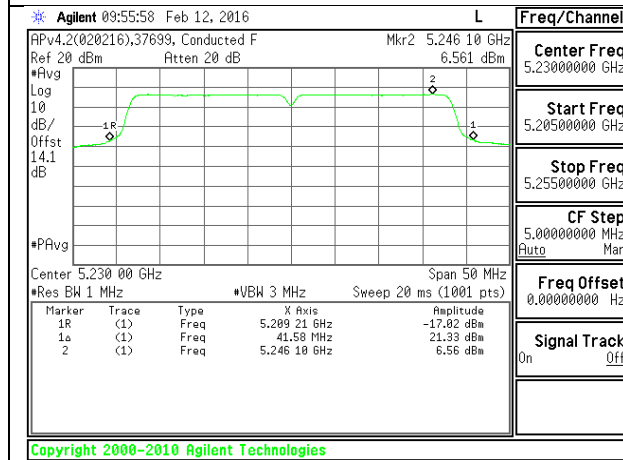
HIGH CHANNEL



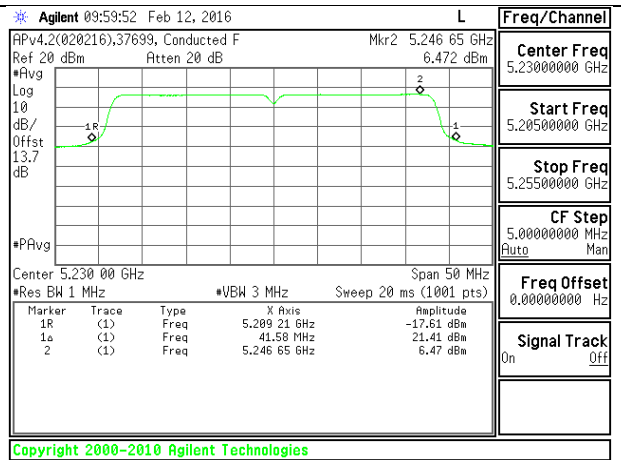
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1



HIGH CHANNEL CHAIN 2



HIGH CHANNEL CHAIN 3

4Tx 3 STREAM BF MODE

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm)
Low	5190	6.03	6.03	29.97	16.97
High	5230	6.03	6.03	29.97	16.97

Duty Cycle CF (dB)	0.82	Included in Calculations of Corr'd Power & PSD
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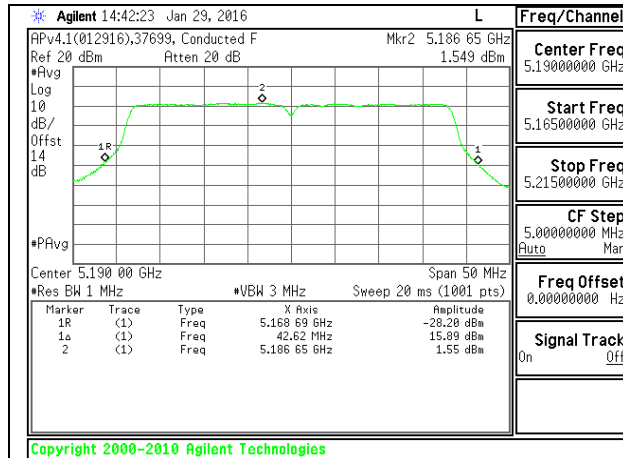
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Chain 2 Meas Power (dBm)	Chain 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	15.89	15.76	15.43	14.62	22.29	29.97	-7.68
High	5230	22.42	22.44	21.51	22.14	28.98	29.97	-0.99

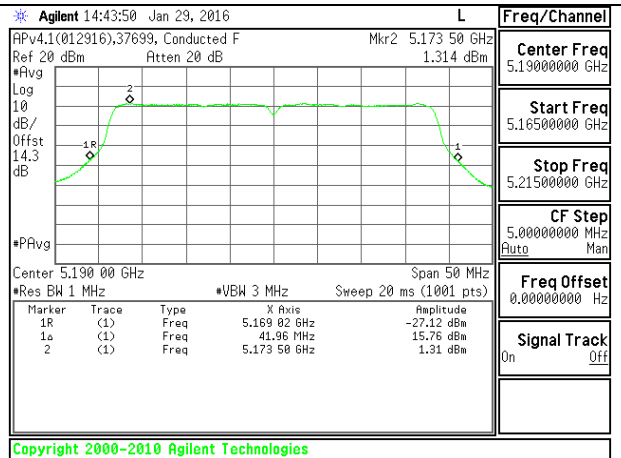
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Chain 2 Meas PSD (dBm)	Chain 3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5190	1.55	1.31	1.78	0.71	8.20	16.97	-8.77
High	5230	8.55	9.25	8.21	7.46	15.25	16.97	-1.72

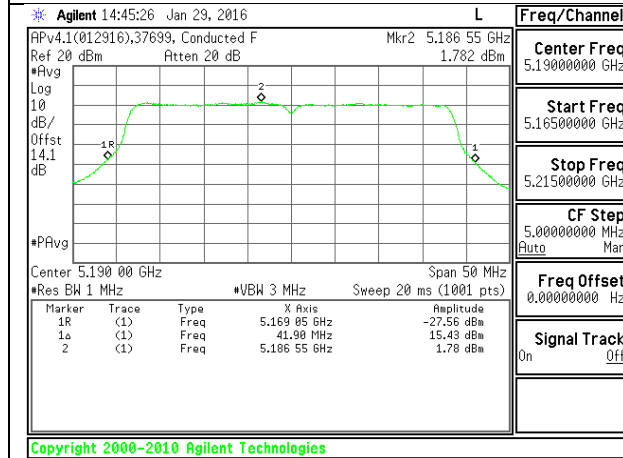
LOW CHANNEL



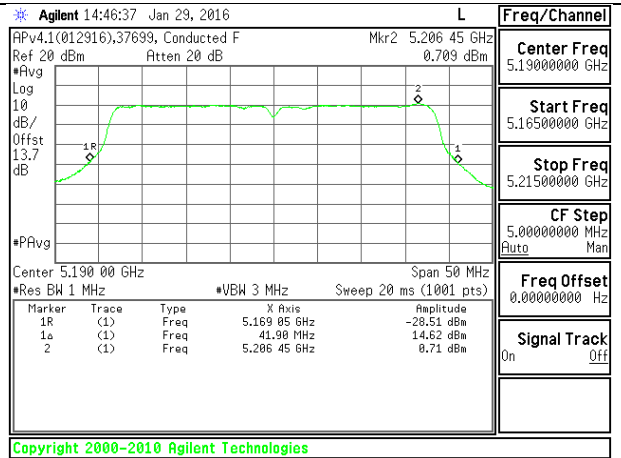
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1

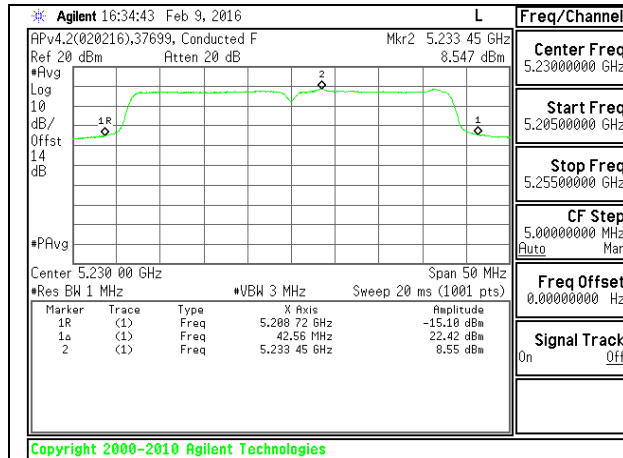


LOW CHANNEL CHAIN 2

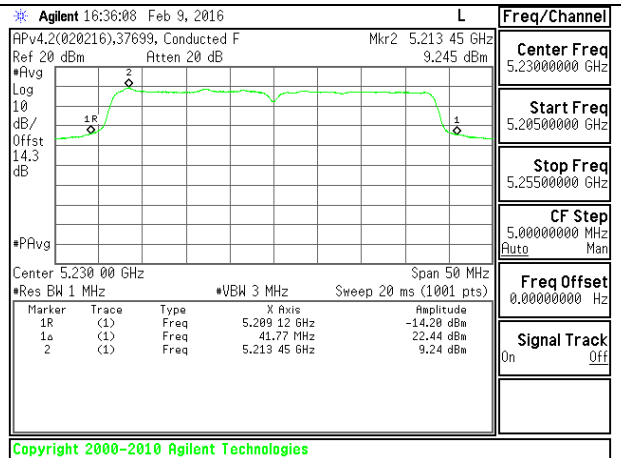


LOW CHANNEL CHAIN 3

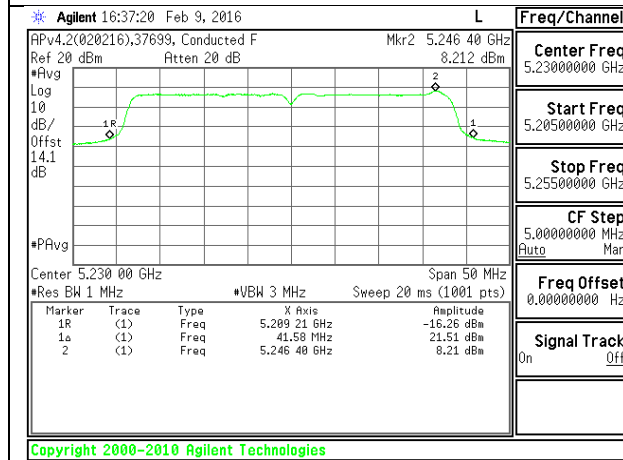
HIGH CHANNEL



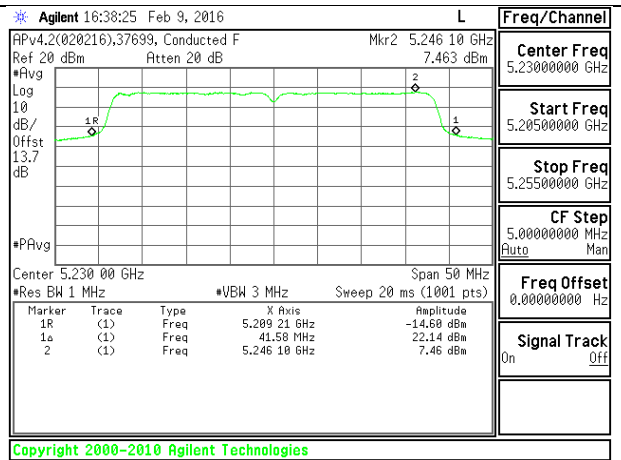
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1



HIGH CHANNEL CHAIN 2



HIGH CHANNEL CHAIN 3

4Tx 1 STREAM BF MODE

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm)
Low	5190	9.92	9.92	26.08	13.08
High	5230	9.92	9.92	26.08	13.08

Duty Cycle CF (dB)	1.11	Included in Calculations of Corr'd Power & PSD
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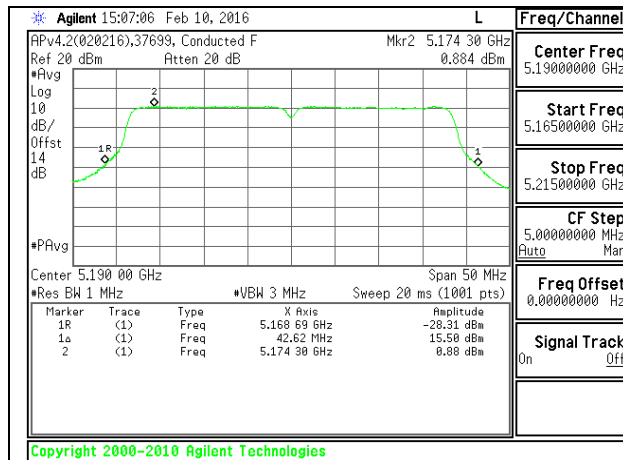
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Chain 2 Meas Power (dBm)	Chain 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	15.50	16.06	12.91	14.69	22.07	26.08	-4.01
High	5230	18.73	19.06	16.37	17.67	25.21	26.08	-0.87

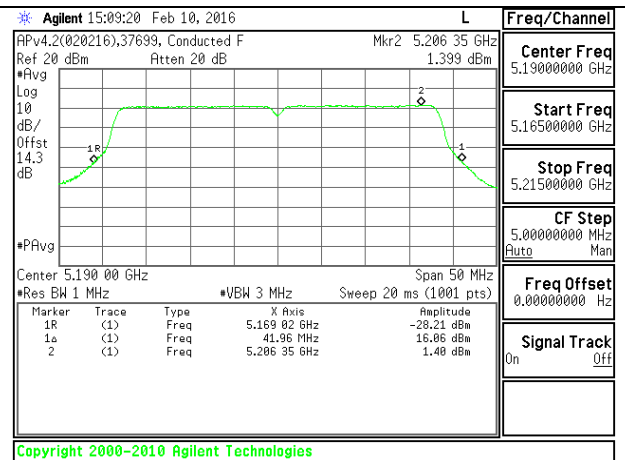
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Chain 2 Meas PSD (dBm)	Chain 3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5190	0.88	1.40	-1.53	0.05	7.47	13.08	-5.61
High	5230	4.04	4.61	2.65	3.03	10.78	13.08	-2.30

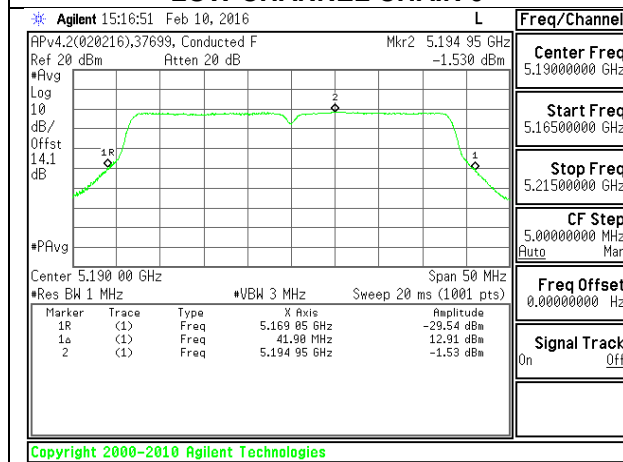
LOW CHANNEL



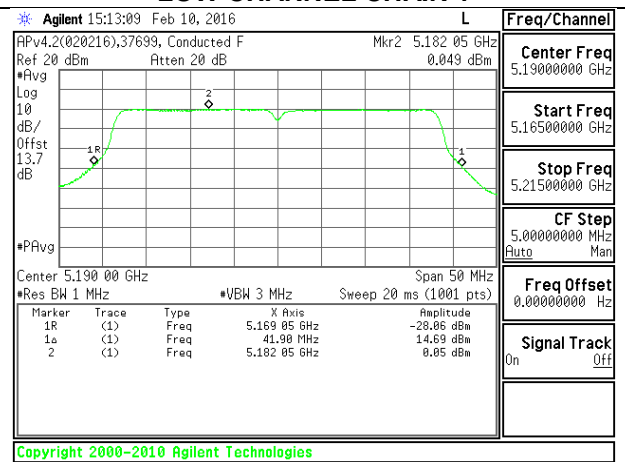
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1

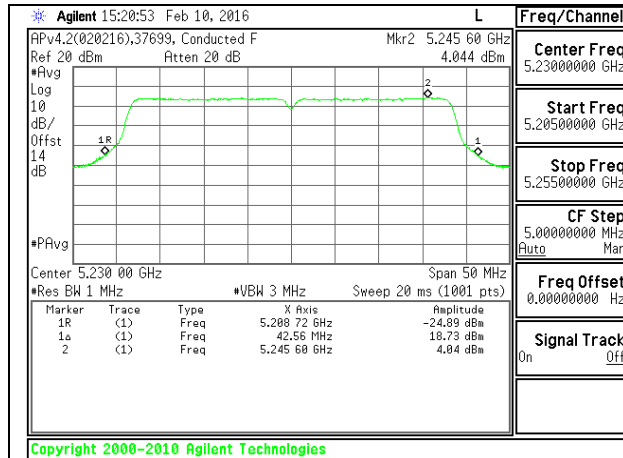


LOW CHANNEL CHAIN 2

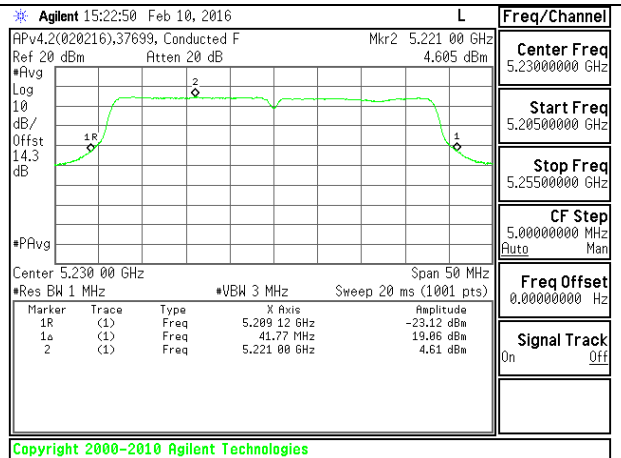


LOW CHANNEL CHAIN 3

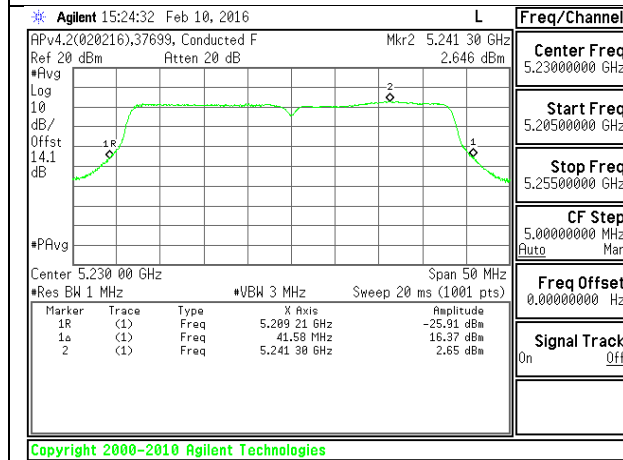
HIGH CHANNEL



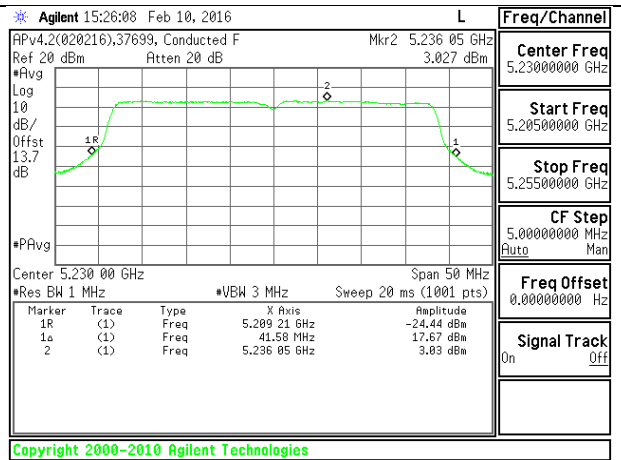
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1



HIGH CHANNEL CHAIN 2



HIGH CHANNEL CHAIN 3

4.5.4. 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

4Tx 4 STREAM CDD MODE

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm)
Mid	5210	3.98	3.98	30.00	17.00

Duty Cycle CF (dB)	0.72	Included in Calculations of Corr'd Power & PSD
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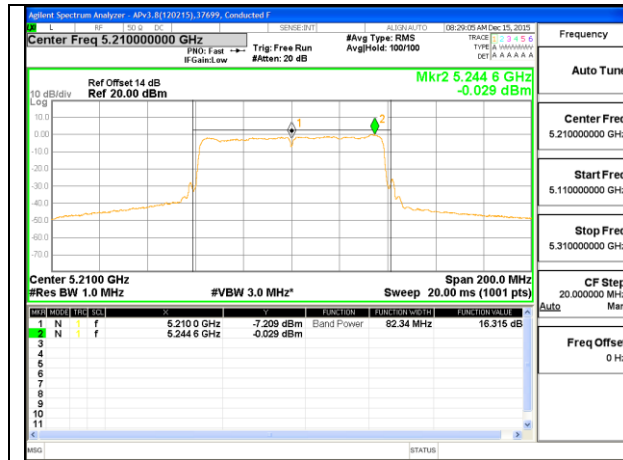
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Chain 2 Meas Power (dBm)	Chain 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	16.32	15.51	15.58	15.26	22.42	30.00	-7.58

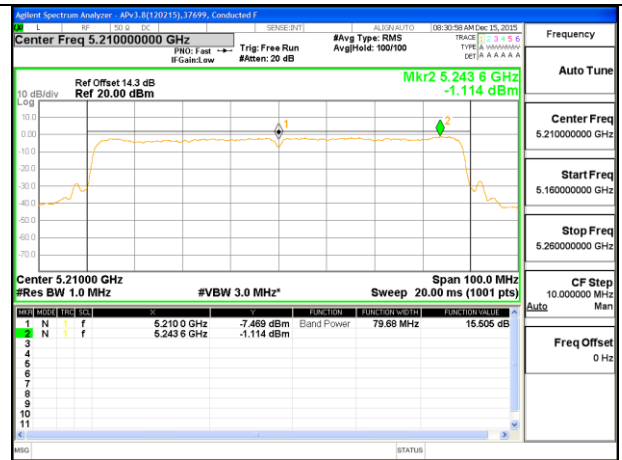
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Chain 2 Meas PSD (dBm)	Chain 3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5210	-0.03	-1.11	-1.21	-1.52	5.81	17.00	-11.19

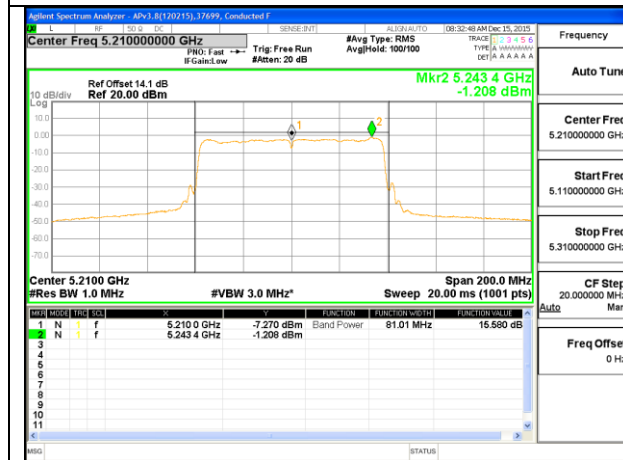
MID CHANNEL



MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1



MID CHANNEL CHAIN 2



MID CHANNEL CHAIN 3

4Tx 1 STREAM CDD MODE

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm)
Mid	5210	3.98	9.92	30.00	13.08

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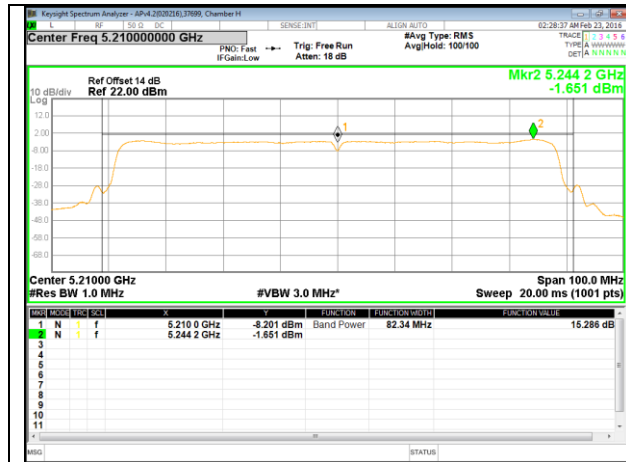
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Chain 2 Meas Power (dBm)	Chain 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	15.29	15.21	14.90	14.80	21.32	30.00	-8.68

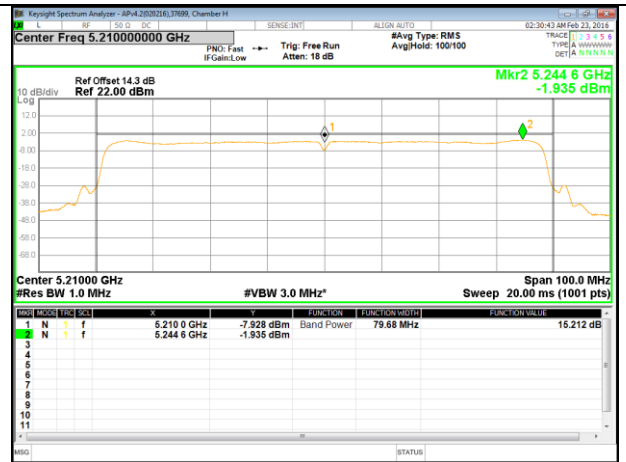
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Chain 2 Meas PSD (dBm)	Chain 3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5210	-1.65	-1.94	-2.39	-2.11	4.26	13.08	-8.82

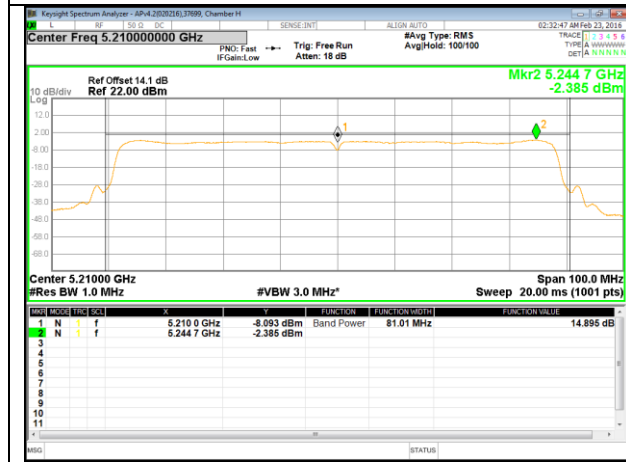
MID CHANNEL



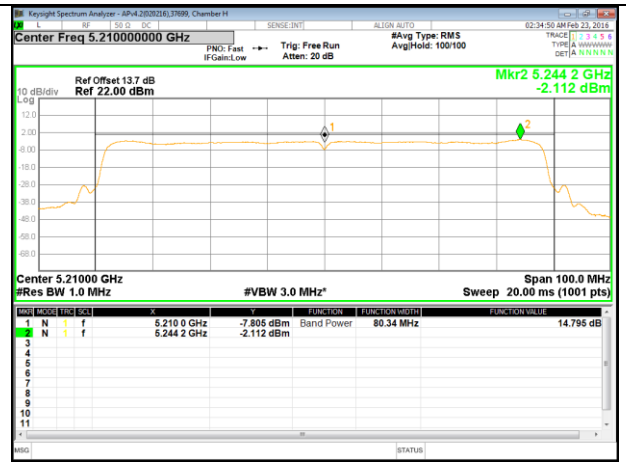
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1



MID CHANNEL CHAIN 2



MID CHANNEL CHAIN 3

4Tx 3 STREAM BF MODE

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm)
Mid	5210	6.03	6.03	29.97	16.97

Duty Cycle CF (dB)	0.65	Included in Calculations of Corr'd Power & PSD
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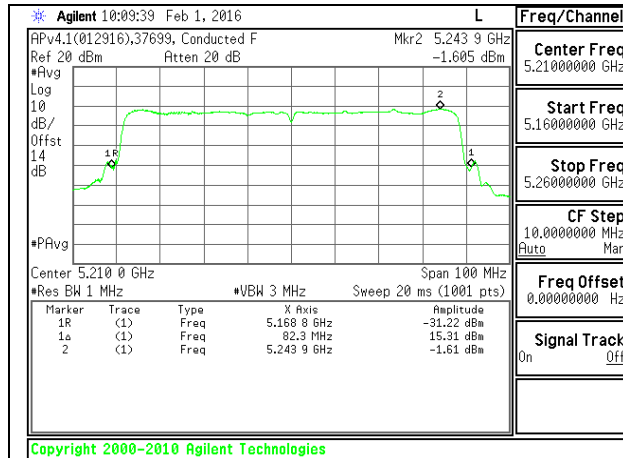
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Chain 2 Meas Power (dBm)	Chain 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	15.31	12.91	14.53	15.03	21.21	29.97	-8.76

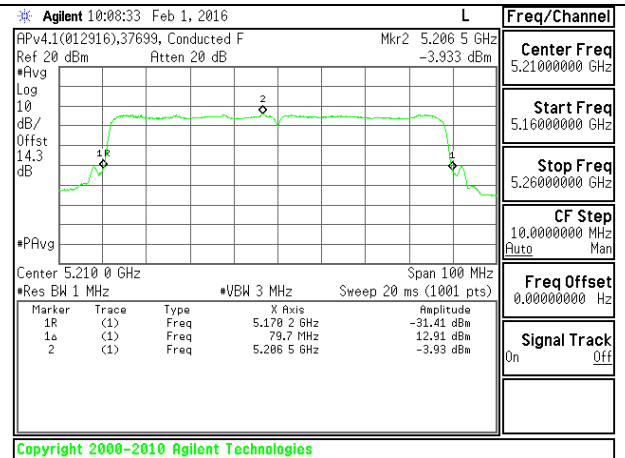
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Chain 2 Meas PSD (dBm)	Chain 3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5210	-1.61	-3.93	-1.91	-1.38	4.57	16.97	-12.40

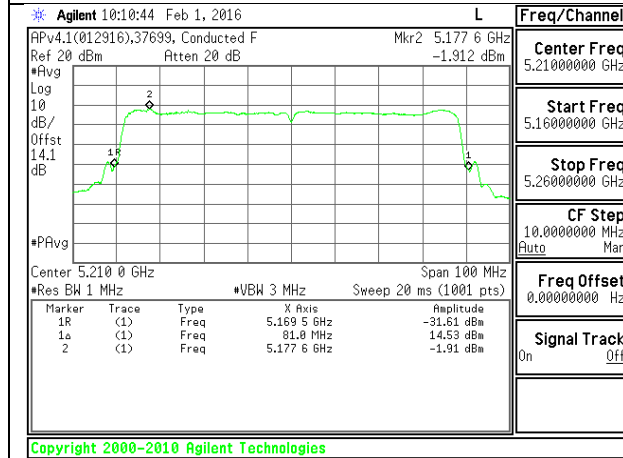
MID CHANNEL



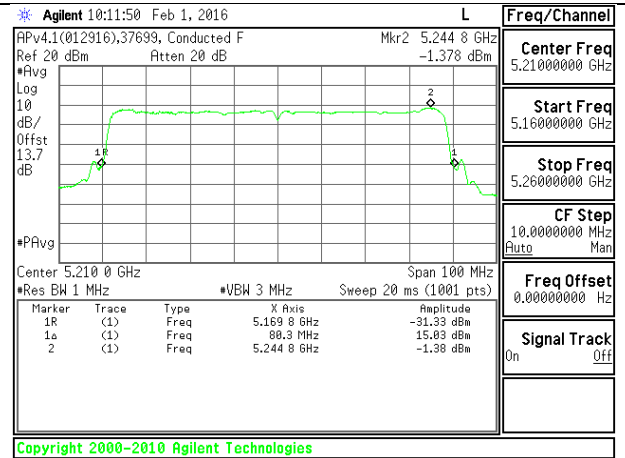
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1



MID CHANNEL CHAIN 2



MID CHANNEL CHAIN 3

4Tx 1 STREAM BF MODE

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm)
Mid	5210	9.92	9.92	26.08	13.08

Duty Cycle CF (dB)	0.82	Included in Calculations of Corr'd Power & PSD
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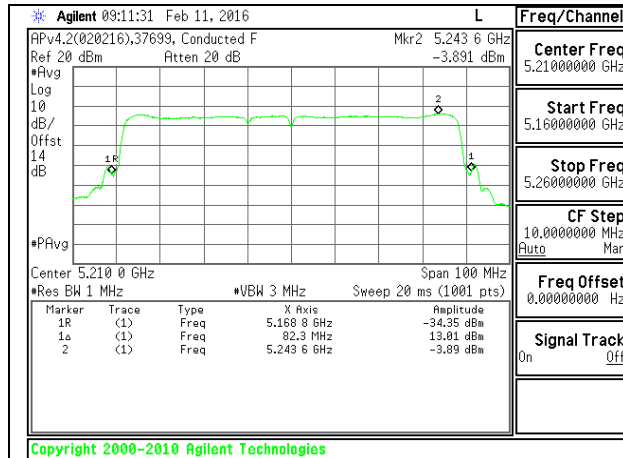
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Chain 2 Meas Power (dBm)	Chain 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	13.01	13.57	11.96	12.75	19.70	26.08	-6.38

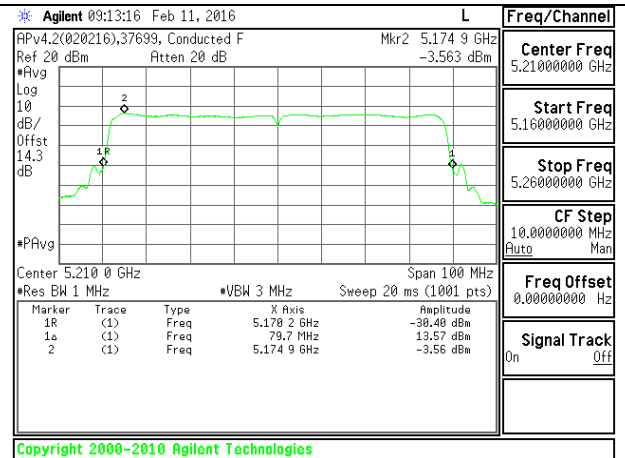
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Chain 2 Meas PSD (dBm)	Chain 3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Mid	5210	-3.89	-3.56	-5.36	-4.10	2.66	13.08	-10.42

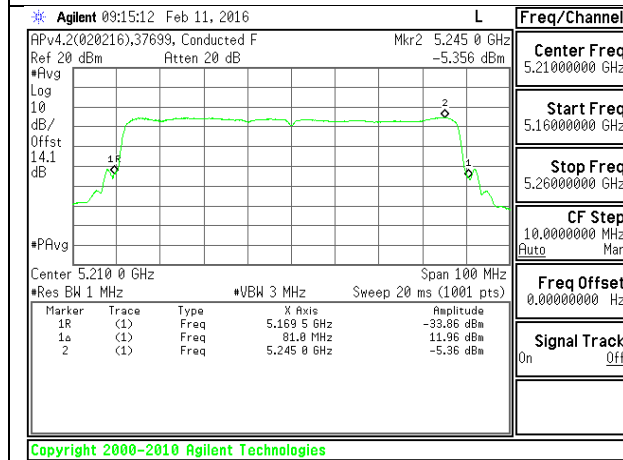
MID CHANNEL



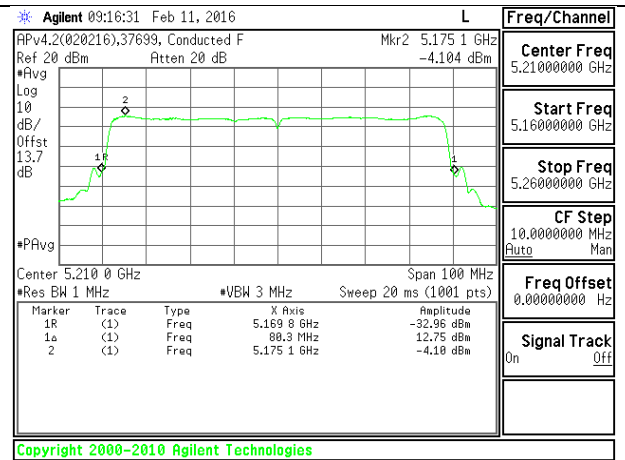
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1



MID CHANNEL CHAIN 2



MID CHANNEL CHAIN 3

4.5.5. 802.11a MODE IN THE 5.8 GHz BAND

4Tx 1 STREAM CDD MODE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm)
Low	5745	4.01	9.95	30.00	26.05
Mid	5785	4.01	9.95	30.00	26.05
High	5825	4.01	9.95	30.00	26.05

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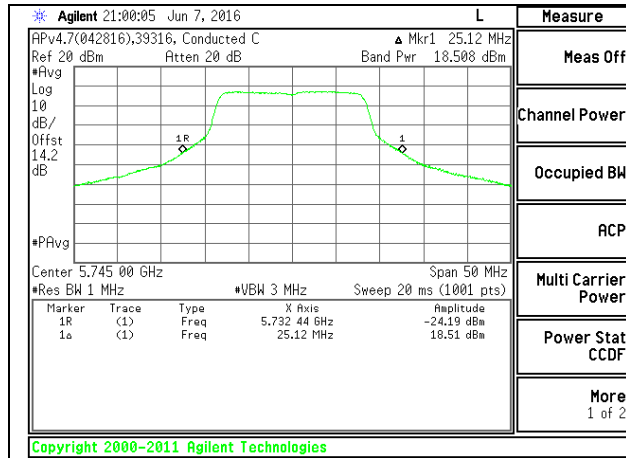
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Chain 2 Meas Power (dBm)	Chain 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	18.51	17.87	18.03	17.63	24.35	30.00	-5.65
Mid	5785	20.09	19.55	19.91	19.77	26.17	30.00	-3.83
High	5825	19.75	19.20	19.66	19.28	25.81	30.00	-4.19

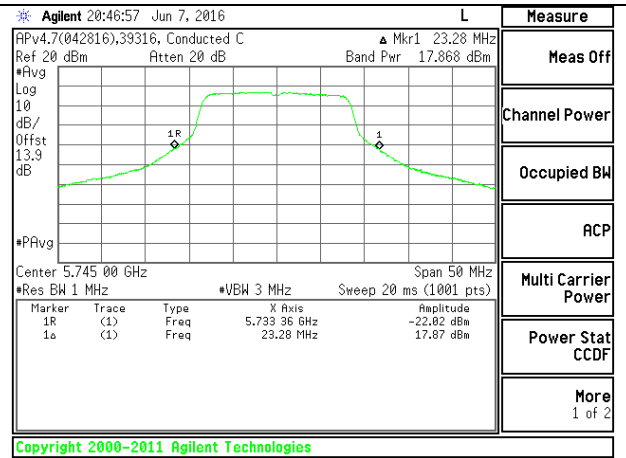
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Chain 2 Meas PSD (dBm)	Chain 3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	4.29	3.87	4.24	3.66	10.35	26.05	-15.70
Mid	5785	6.10	5.73	6.17	5.98	12.33	26.05	-13.72
High	5825	5.95	5.20	6.06	5.30	11.97	26.05	-14.08

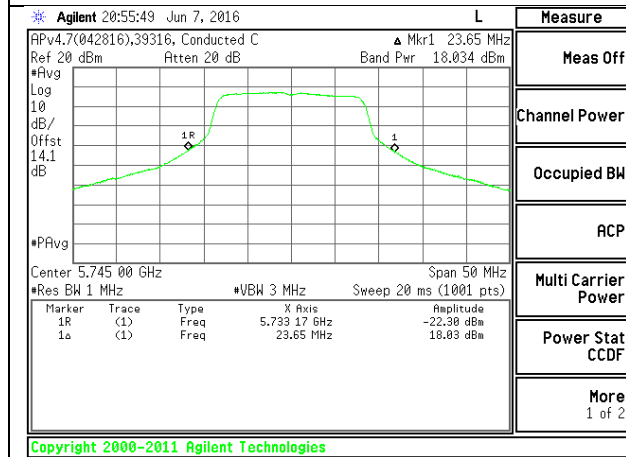
LOW CHANNEL - POWER



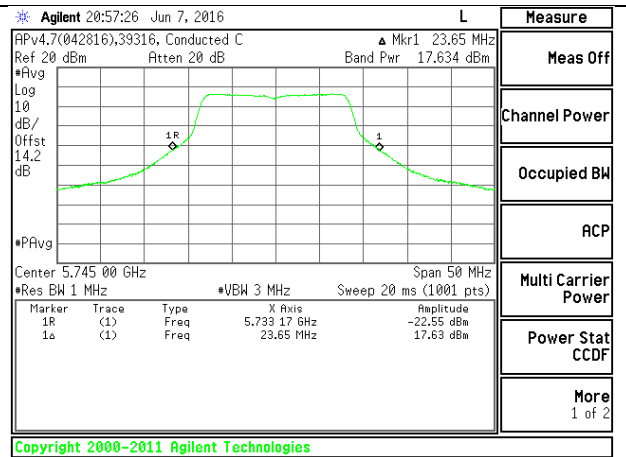
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1

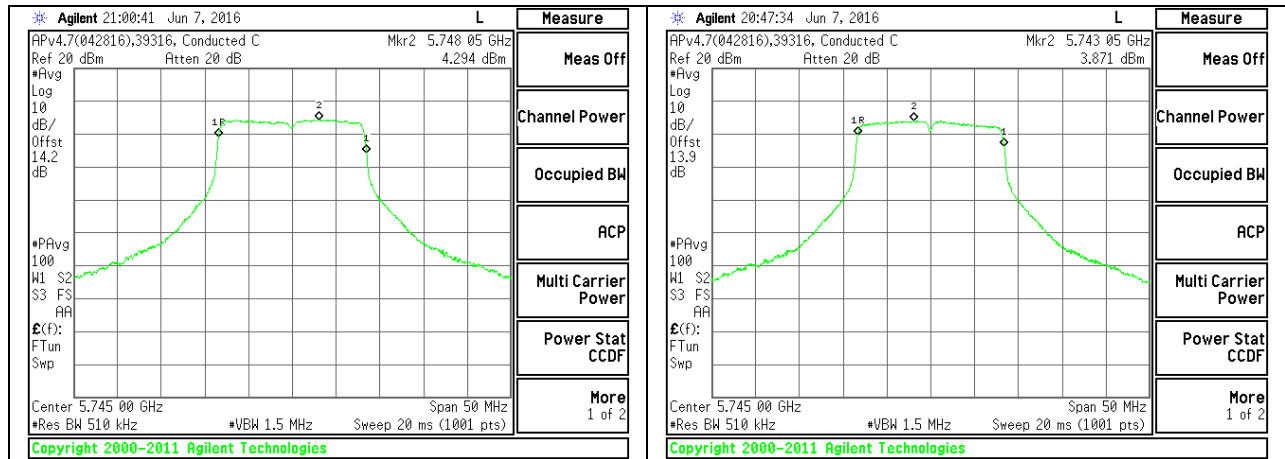


LOW CHANNEL CHAIN 2



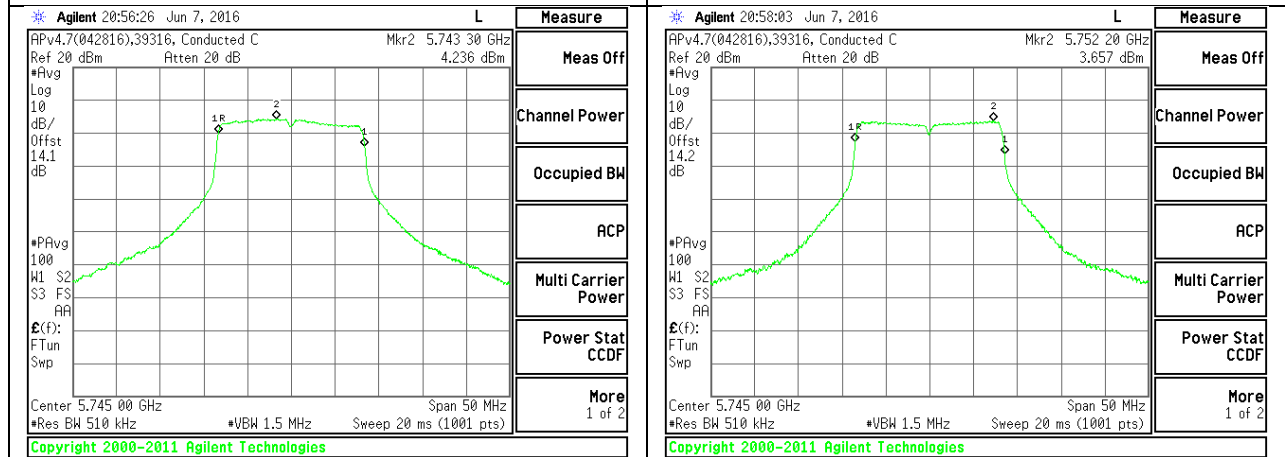
LOW CHANNEL CHAIN 3

LOW CHANNEL - PSD



LOW CHANNEL CHAIN 0

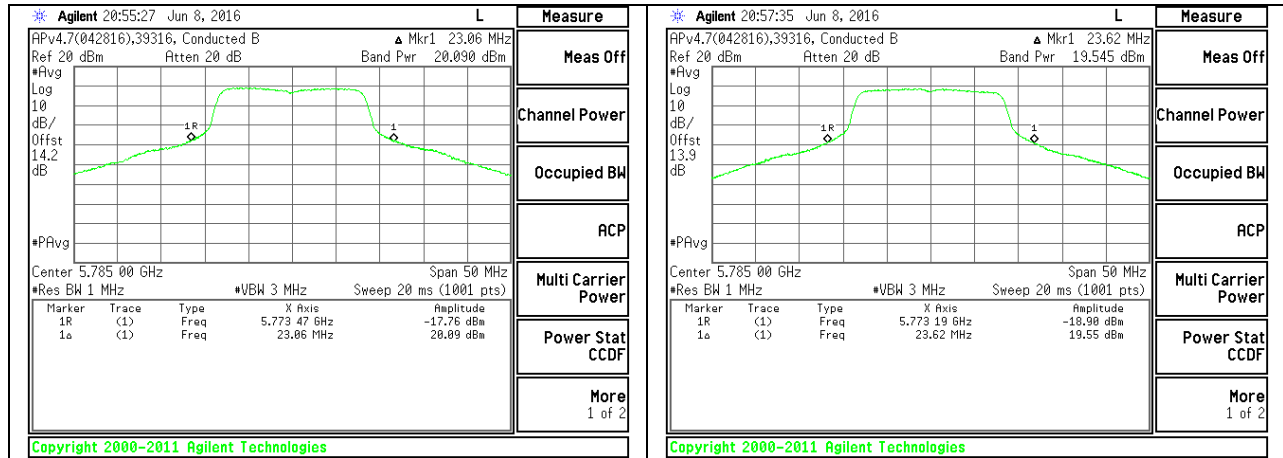
LOW CHANNEL CHAIN 1



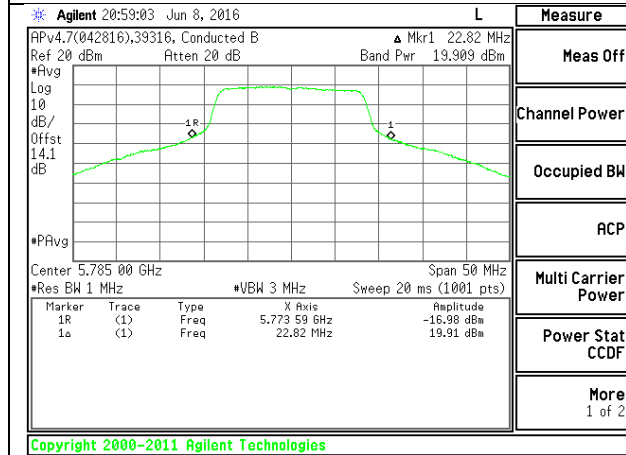
LOW CHANNEL CHAIN 2

LOW CHANNEL CHAIN 3

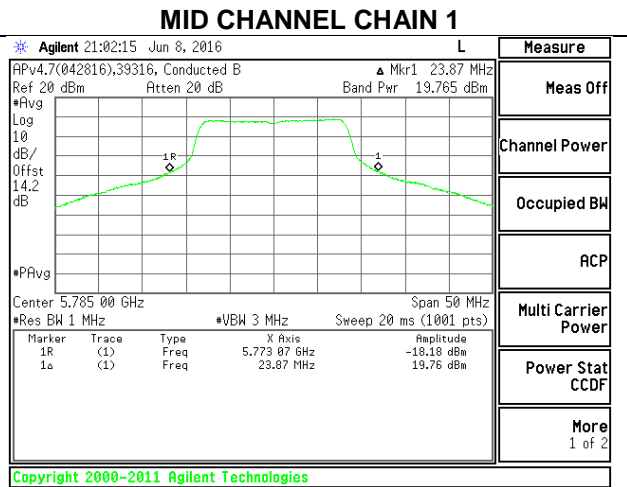
MID CHANNEL - POWER



MID CHANNEL CHAIN 0

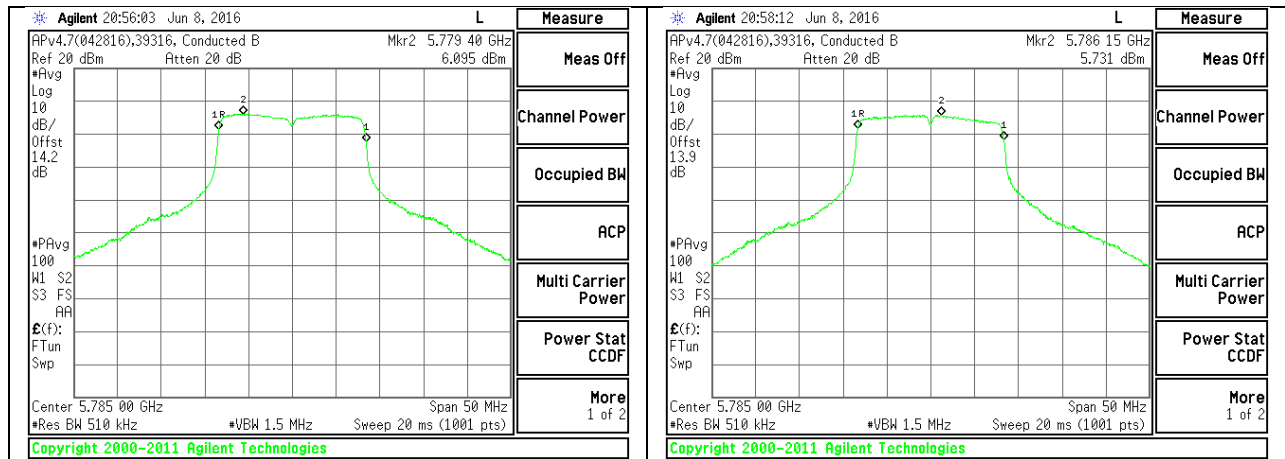


MID CHANNEL CHAIN 2



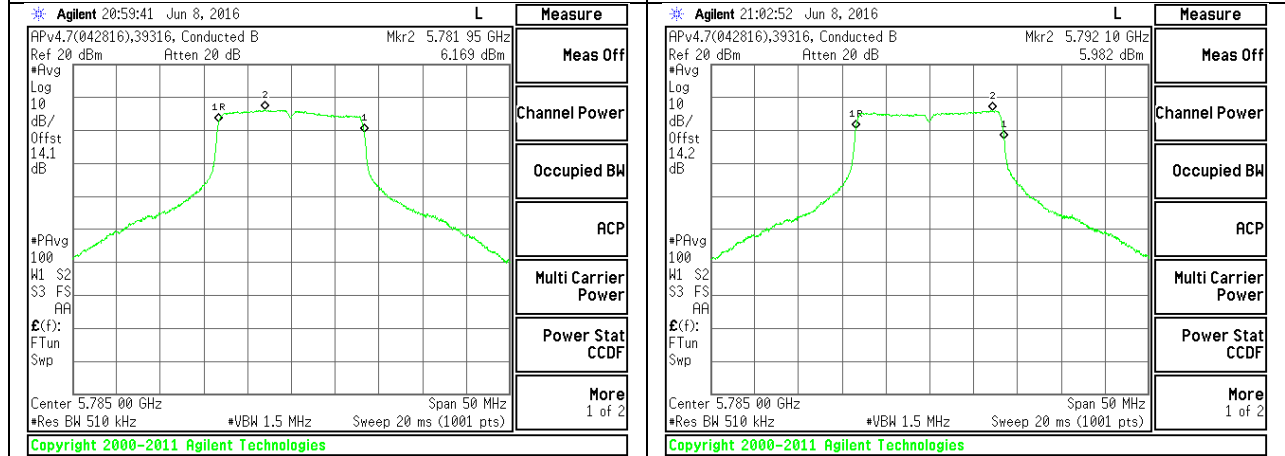
MID CHANNEL CHAIN 3

MID CHANNEL - PSD



MID CHANNEL CHAIN 0

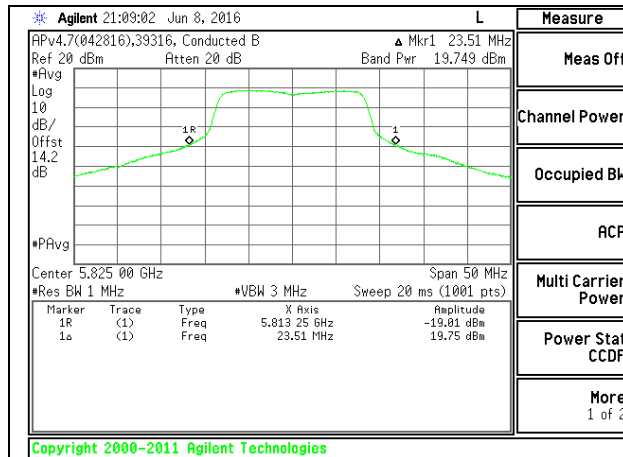
MID CHANNEL CHAIN 1



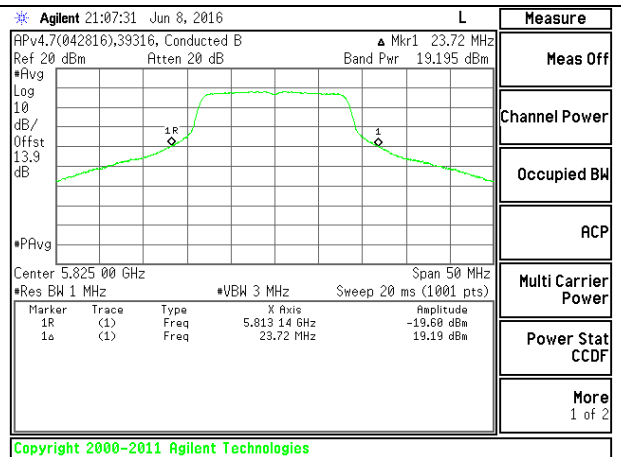
MID CHANNEL CHAIN 2

MID CHANNEL CHAIN 3

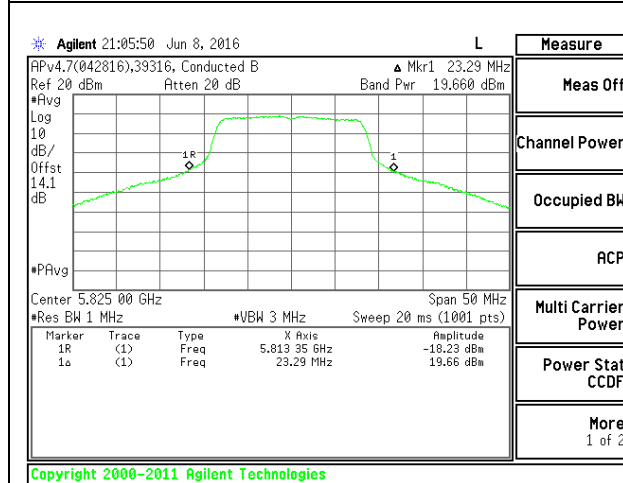
HIGH CHANNEL - POWER



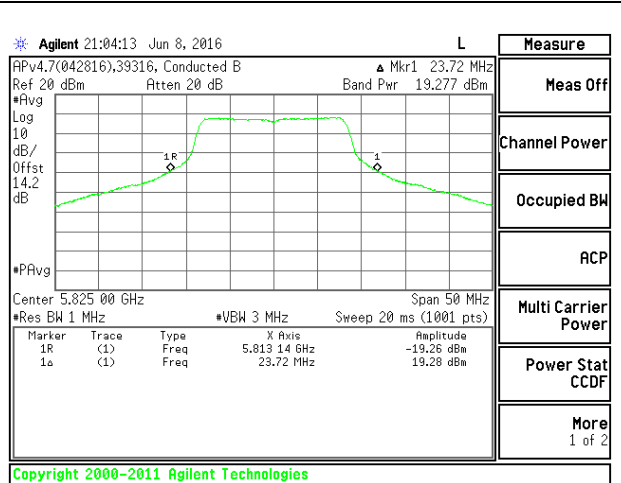
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

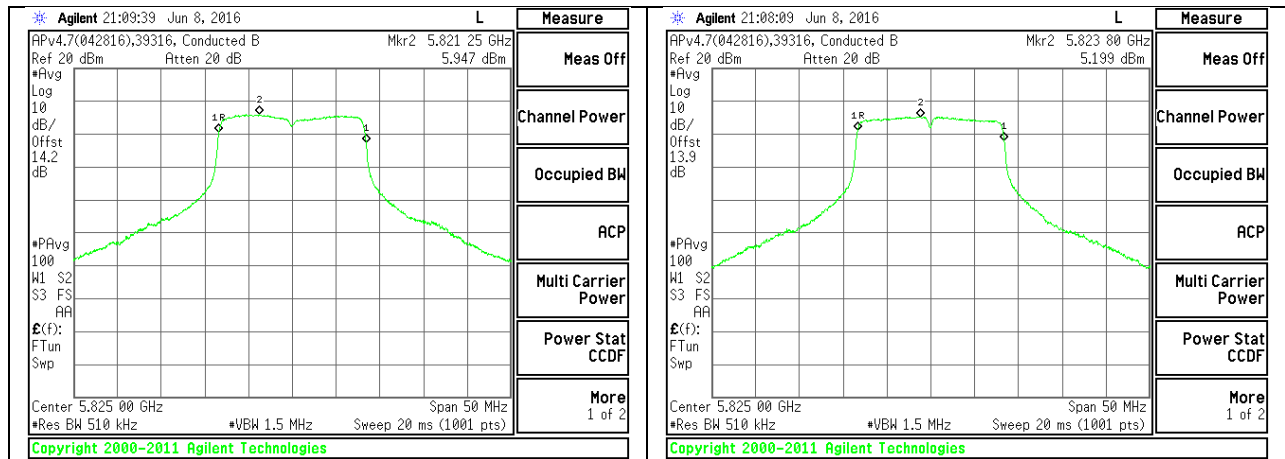


HIGH CHANNEL CHAIN 2



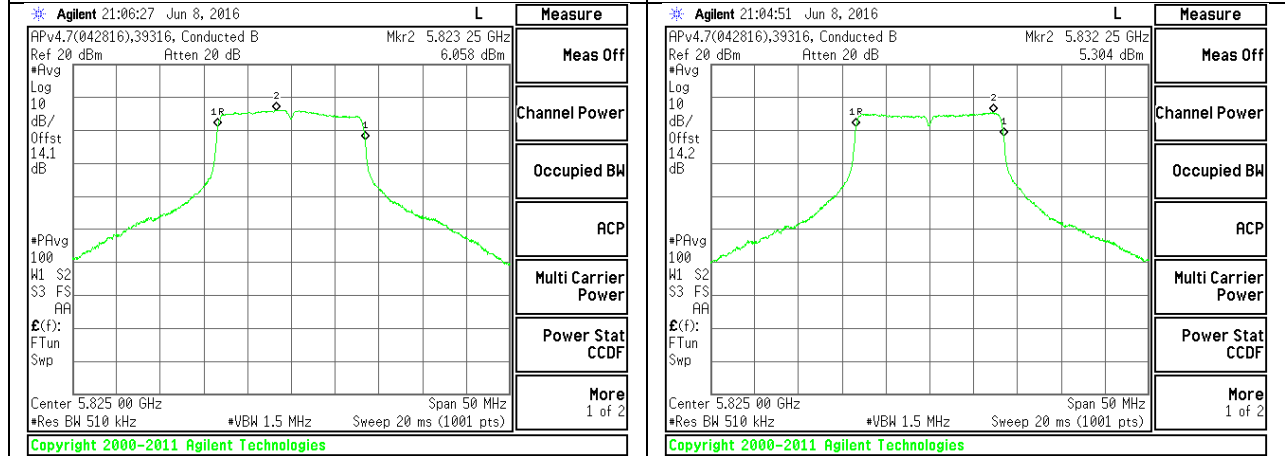
HIGH CHANNEL CHAIN 3

HIGH CHANNEL - PSD



HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1



HIGH CHANNEL CHAIN 2

HIGH CHANNEL CHAIN 3

4.5.6. 802.11ac VHT20 MODE IN THE 5.8 GHz BAND (low channel 1 stream BF)

4Tx 4 STREAM CDD MODE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm)
Low	5745	4.01	4.01	30.00	30.00
Mid	5785	4.01	4.01	30.00	30.00
High	5825	4.01	4.01	30.00	30.00

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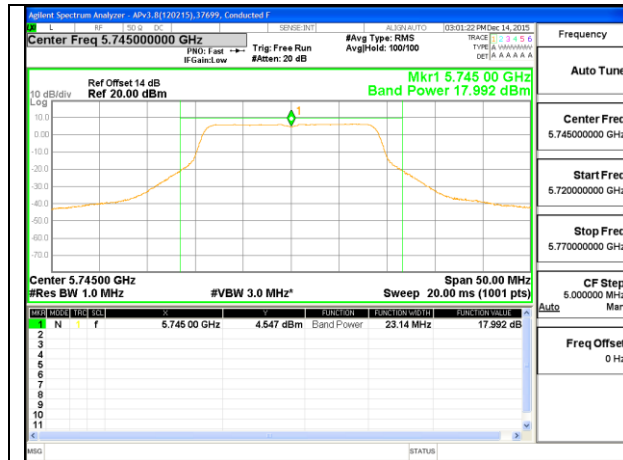
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Chain 2 Meas Power (dBm)	Chain 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	17.99	17.37	17.58	16.96	23.69	30.00	-6.31
Mid	5785	20.39	19.60	19.94	19.54	26.08	30.00	-3.92
High	5825	19.49	18.78	19.30	18.66	25.27	30.00	-4.73

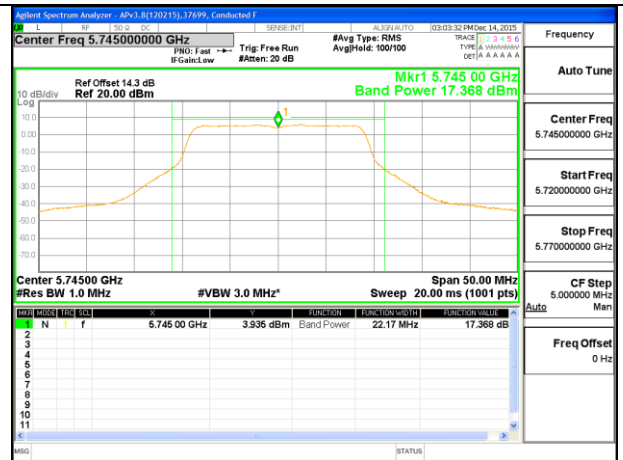
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Chain 2 Meas PSD (dBm)	Chain 3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	3.55	3.15	3.00	2.50	9.26	30.00	-20.74
Mid	5785	5.99	5.29	5.21	5.30	11.66	30.00	-18.34
High	5825	5.10	4.71	4.68	4.09	10.86	30.00	-19.14

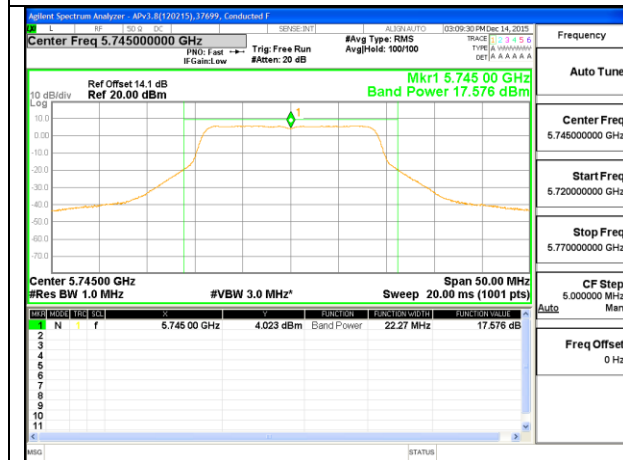
LOW CHANNEL - POWER



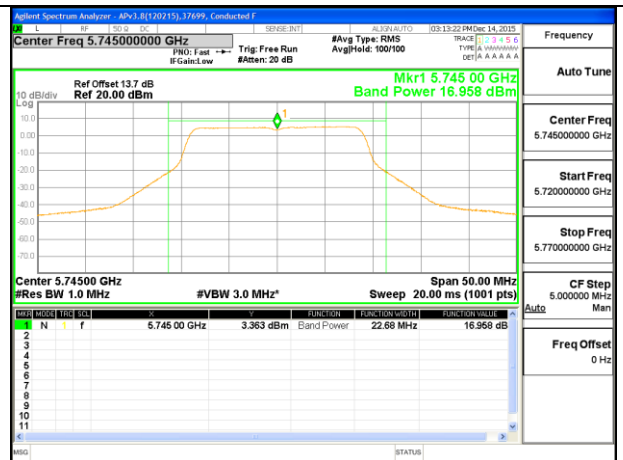
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1

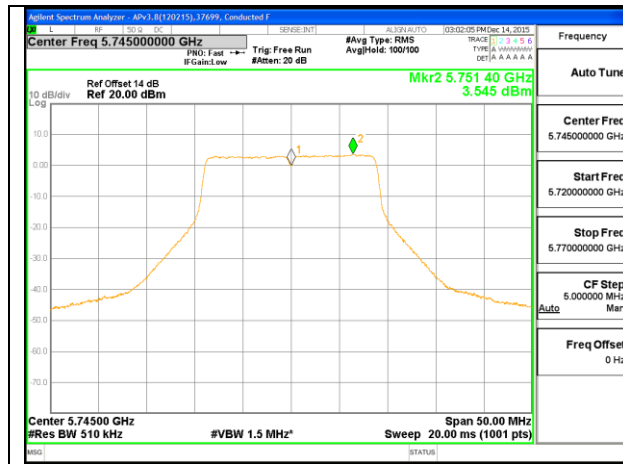


LOW CHANNEL CHAIN 2

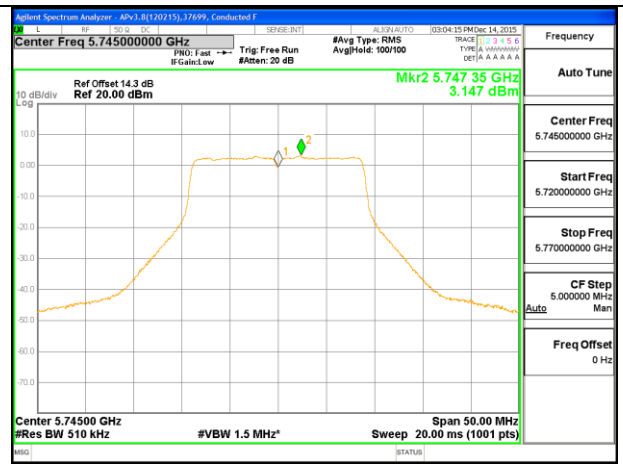


LOW CHANNEL CHAIN 3

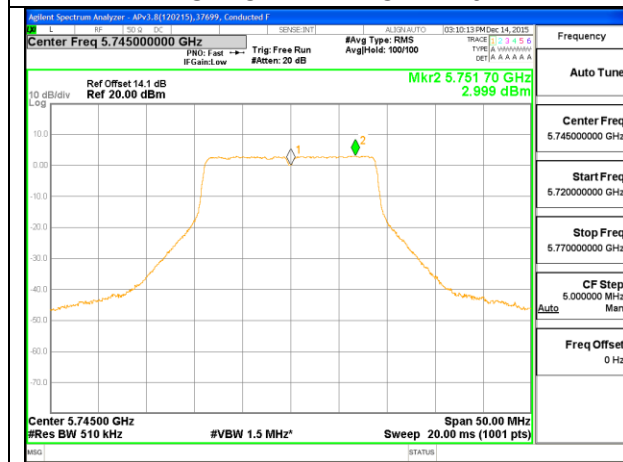
LOW CHANNEL - PSD



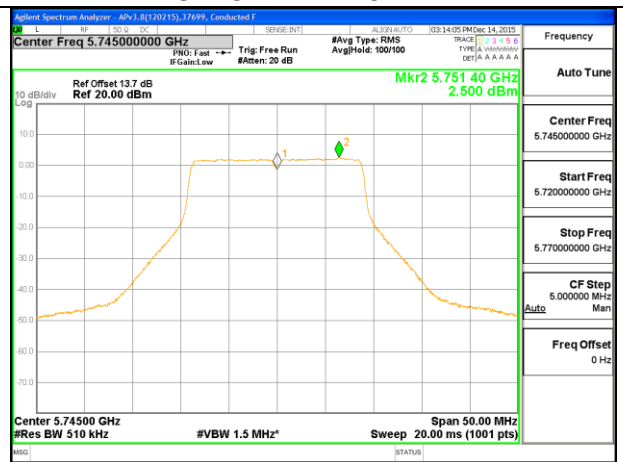
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1

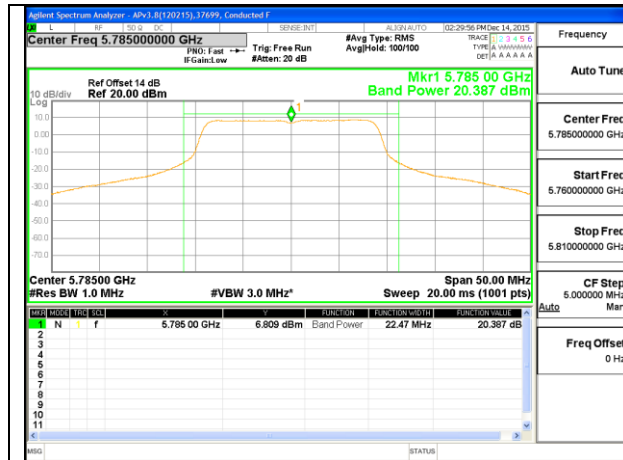


LOW CHANNEL CHAIN 2

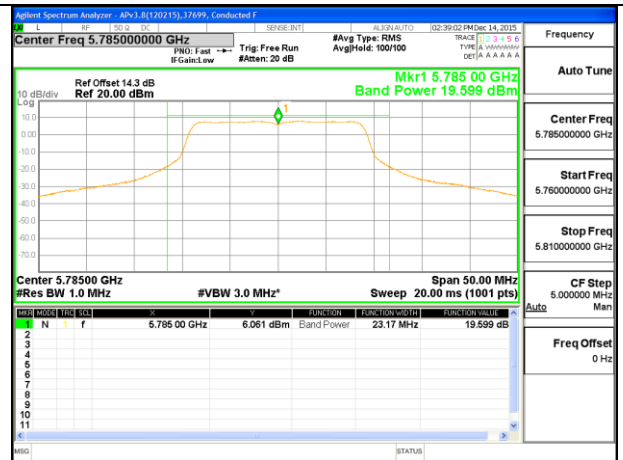


LOW CHANNEL CHAIN 3

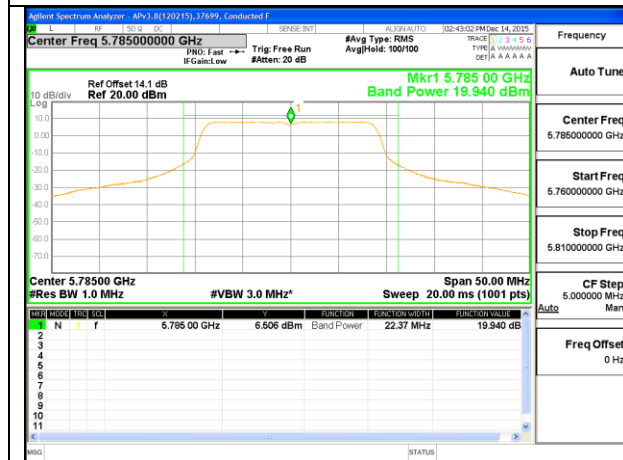
MID CHANNEL - POWER



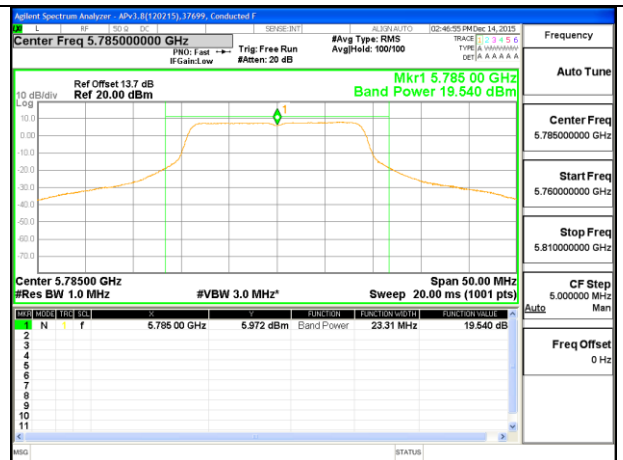
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

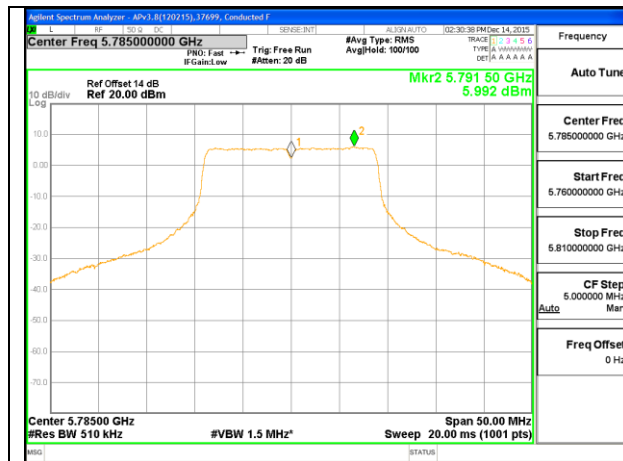


MID CHANNEL CHAIN 2

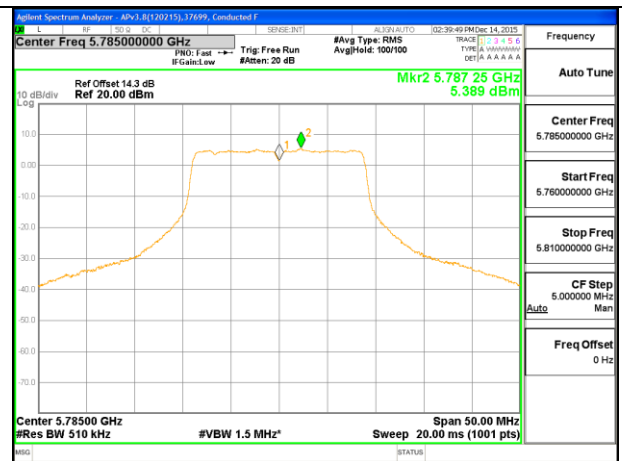


MID CHANNEL CHAIN 3

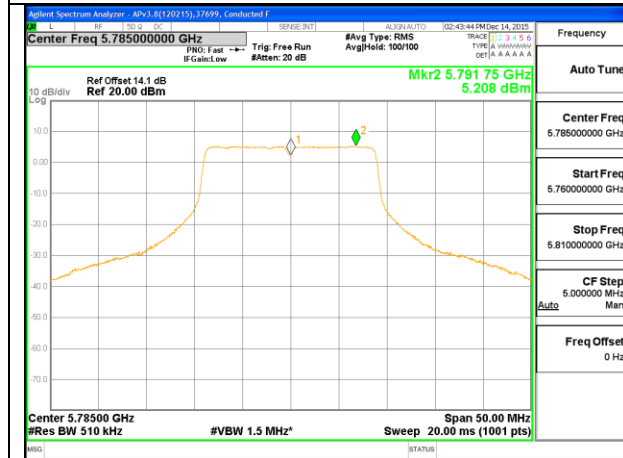
MID CHANNEL - PSD



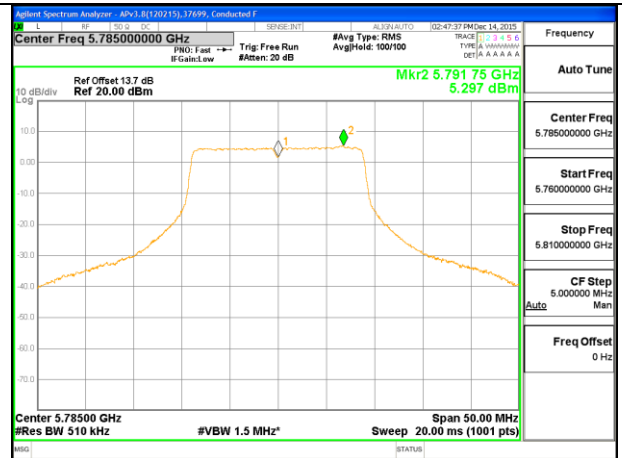
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

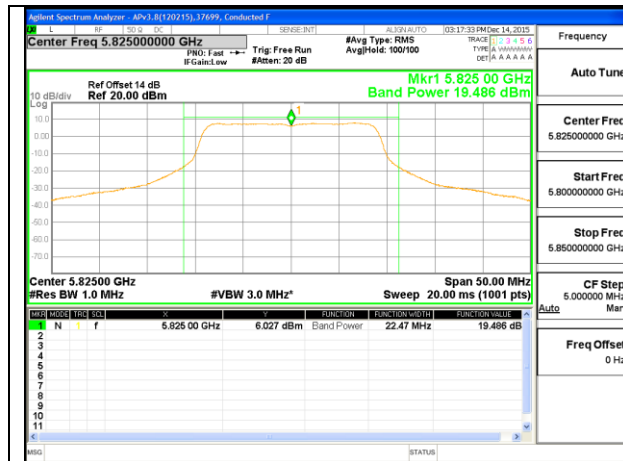


MID CHANNEL CHAIN 2

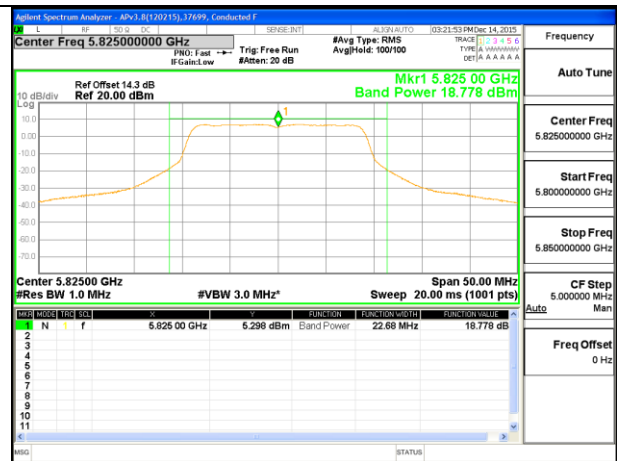


MID CHANNEL CHAIN 3

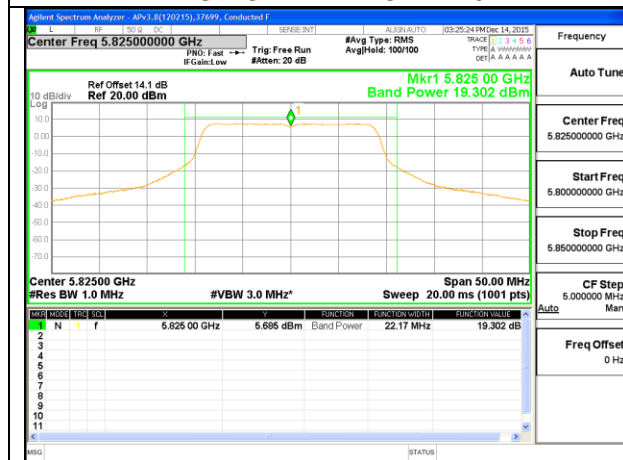
HIGH CHANNEL - POWER



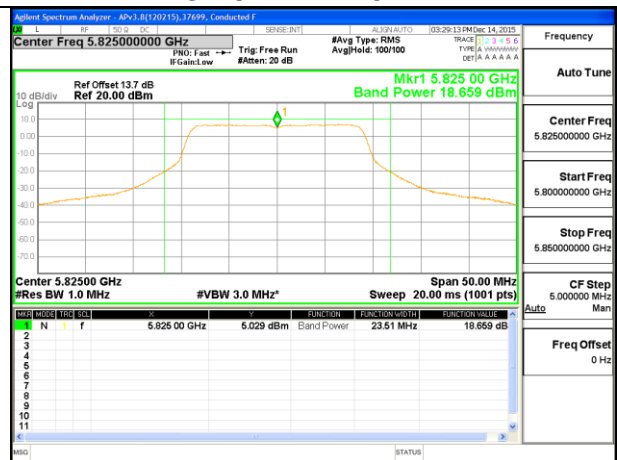
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

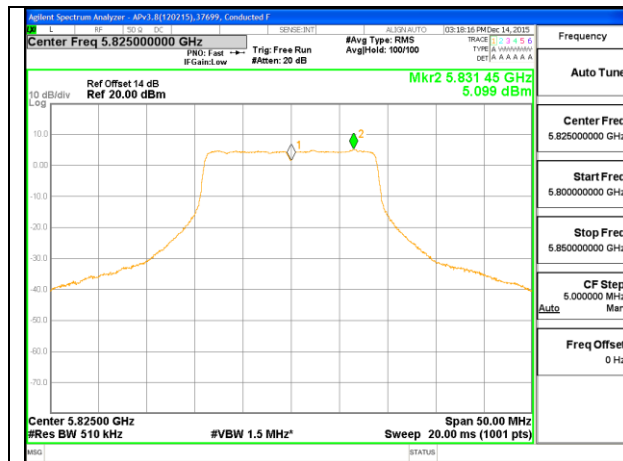


HIGH CHANNEL CHAIN 2

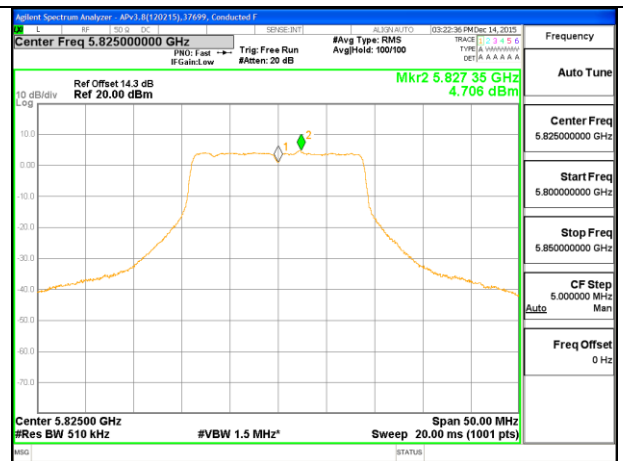


HIGH CHANNEL CHAIN 3

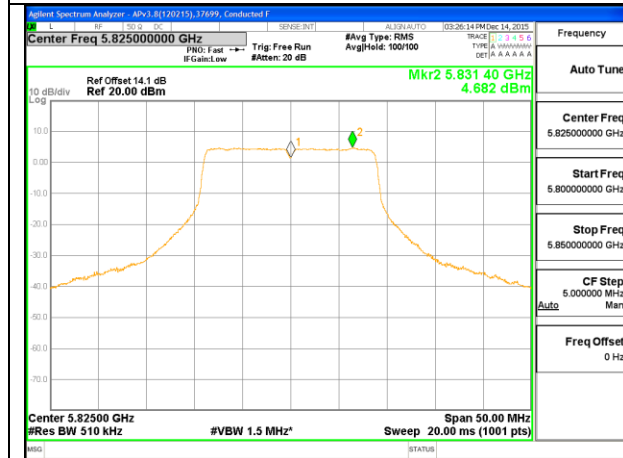
HIGH CHANNEL - PSD



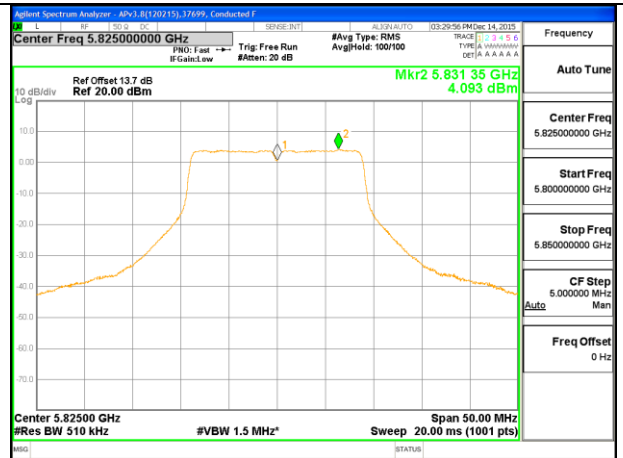
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1



HIGH CHANNEL CHAIN 2



HIGH CHANNEL CHAIN 3

4Tx 1 STREAM CDD MODE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm)
Low	5745	4.01	9.95	30.00	26.05
Mid	5785	4.01	9.95	30.00	26.05
High	5825	4.01	9.95	30.00	26.05

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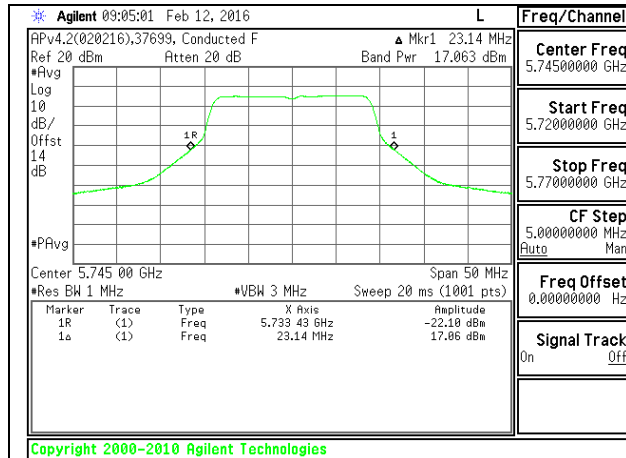
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Chain 2 Meas Power (dBm)	Chain 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	17.06	17.41	16.64	17.03	23.06	30.00	-6.94
Mid	5785	19.46	19.28	18.53	19.07	25.12	30.00	-4.88
High	5825	19.09	18.89	18.08	18.96	24.79	30.00	-5.21

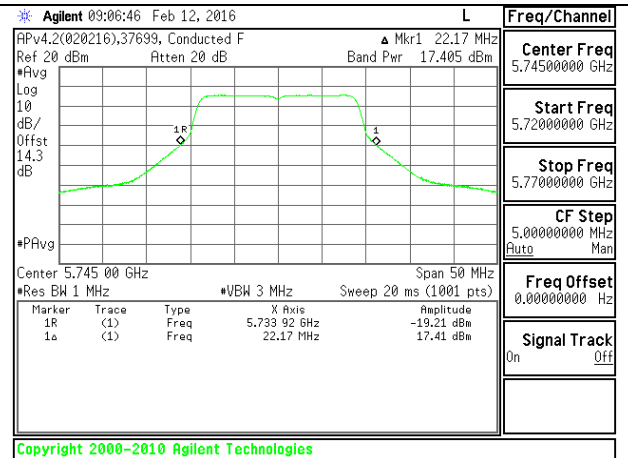
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Chain 2 Meas PSD (dBm)	Chain 3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	2.54	2.97	2.07	2.59	8.57	26.05	-17.48
Mid	5785	4.93	4.77	4.23	4.47	10.63	26.05	-15.42
High	5825	4.46	4.39	3.46	4.40	10.22	26.05	-15.83

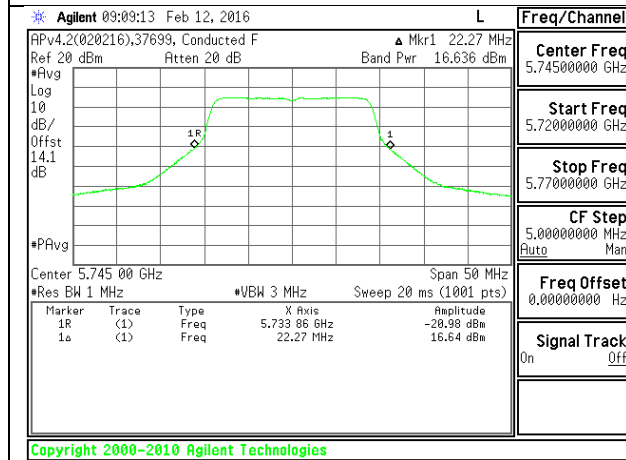
LOW CHANNEL - POWER



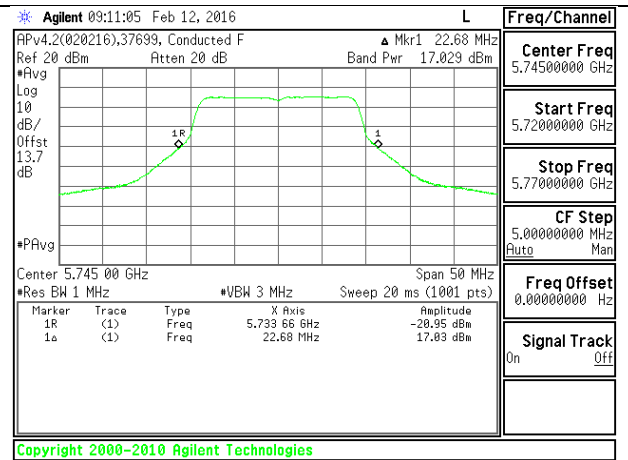
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1

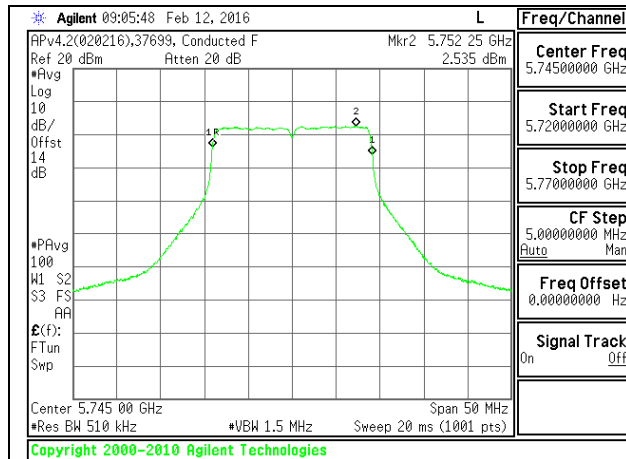


LOW CHANNEL CHAIN 2

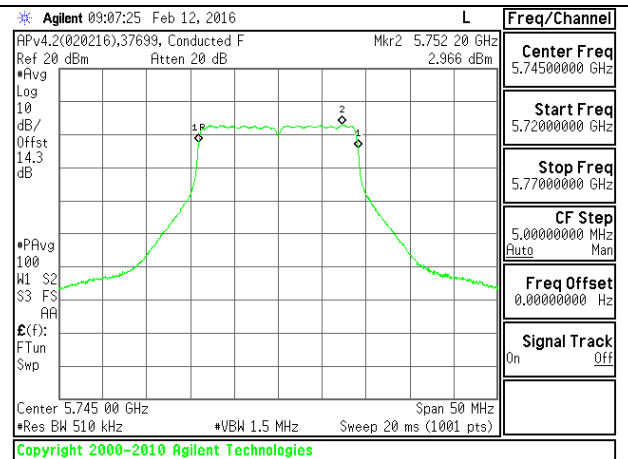


LOW CHANNEL CHAIN 3

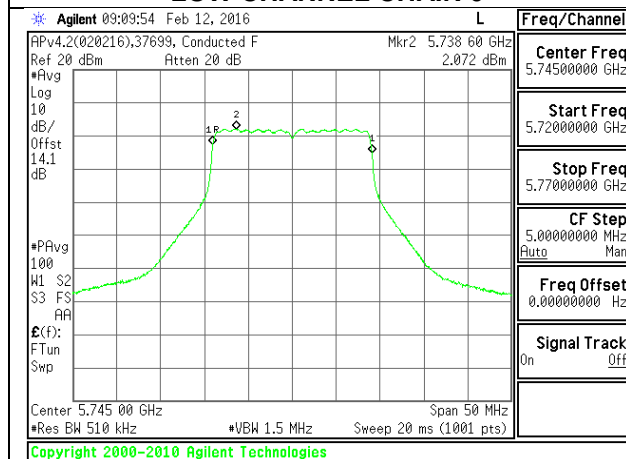
LOW CHANNEL - PSD



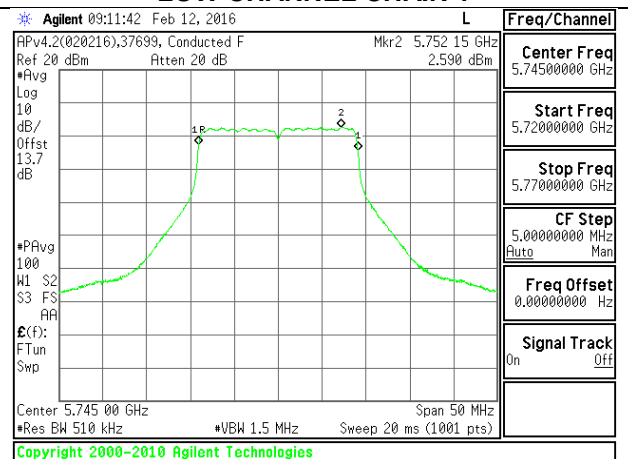
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1

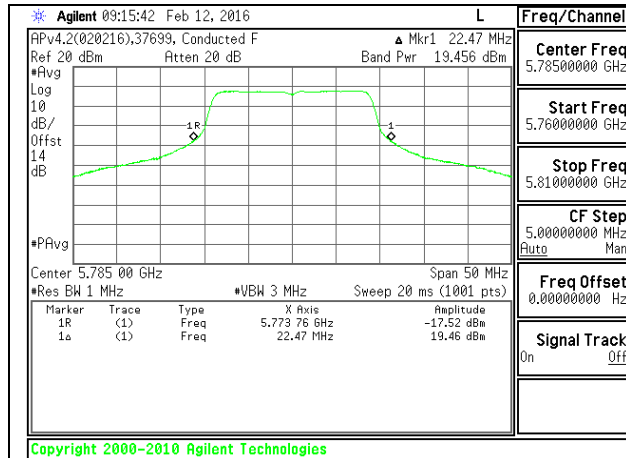


LOW CHANNEL CHAIN 2

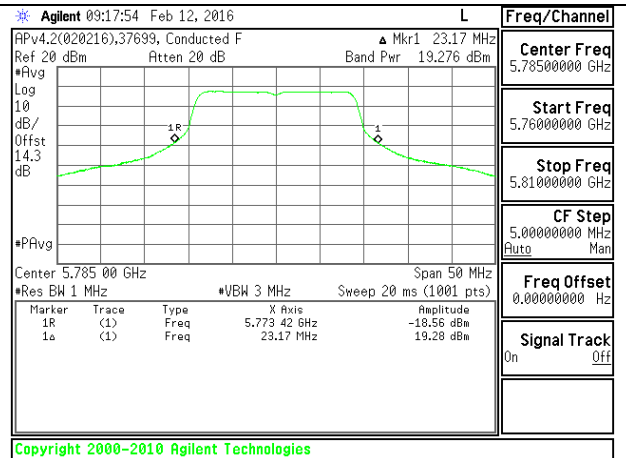


LOW CHANNEL CHAIN 3

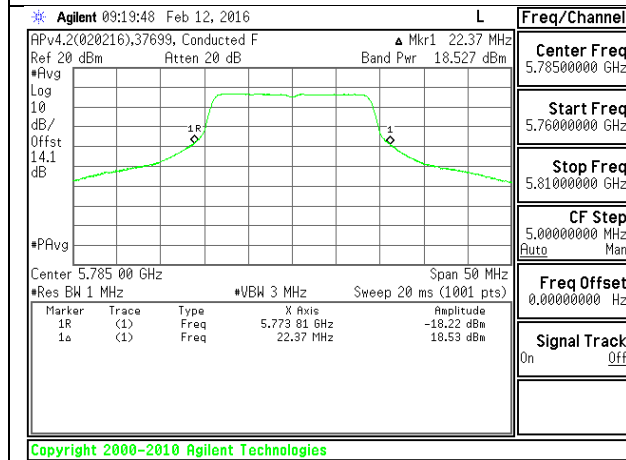
MID CHANNEL - POWER



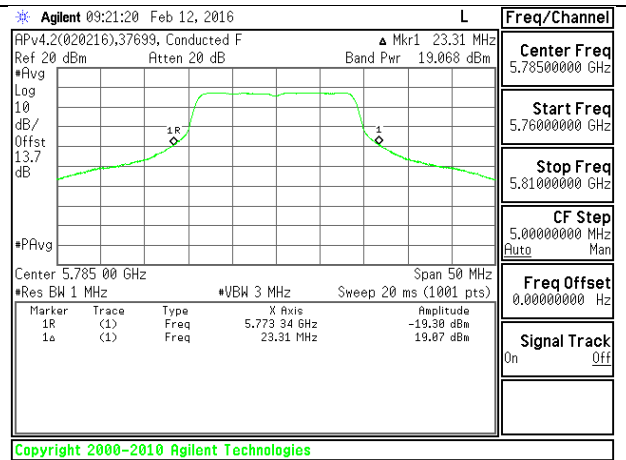
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

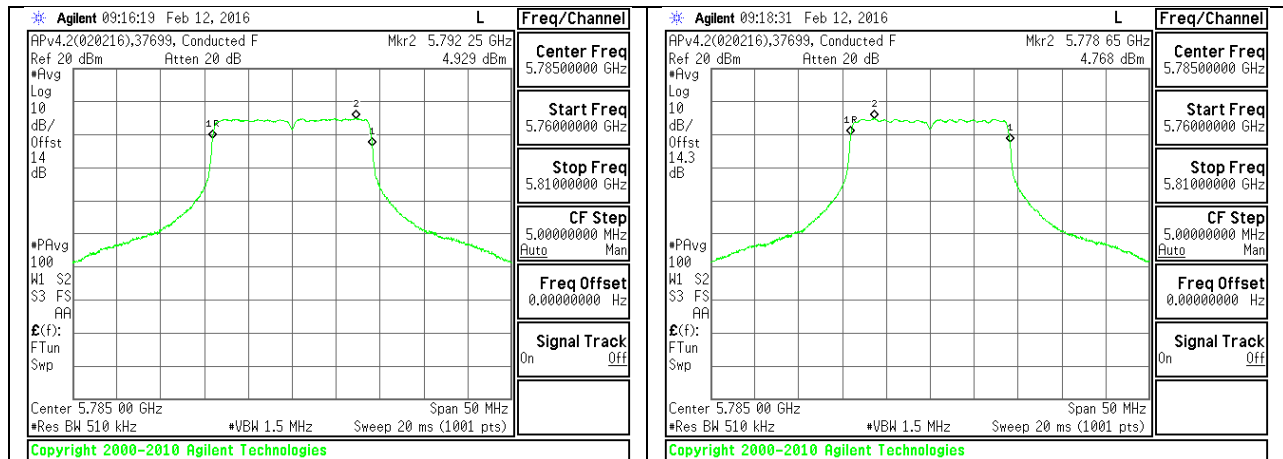


MID CHANNEL CHAIN 2

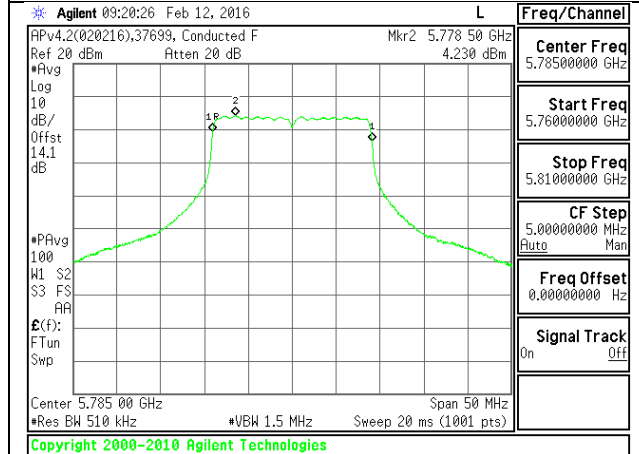


MID CHANNEL CHAIN 3

MID CHANNEL - PSD

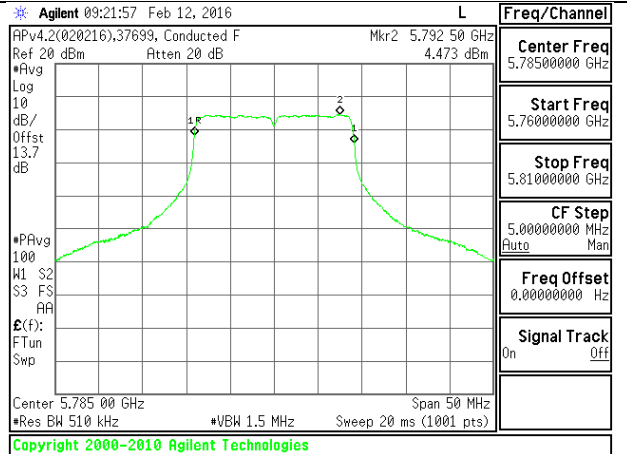


MID CHANNEL CHAIN 0



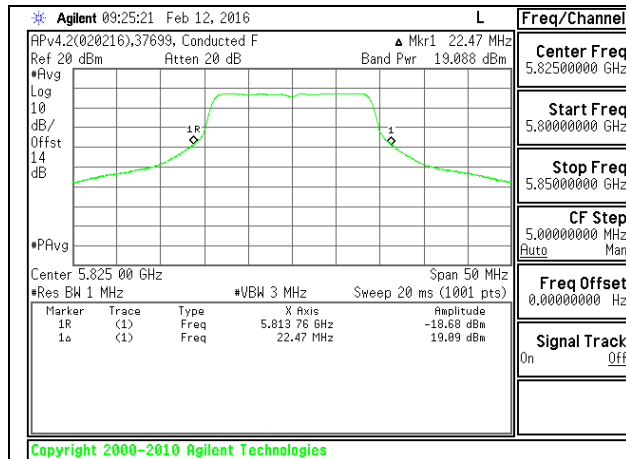
MID CHANNEL CHAIN 2

MID CHANNEL CHAIN 1

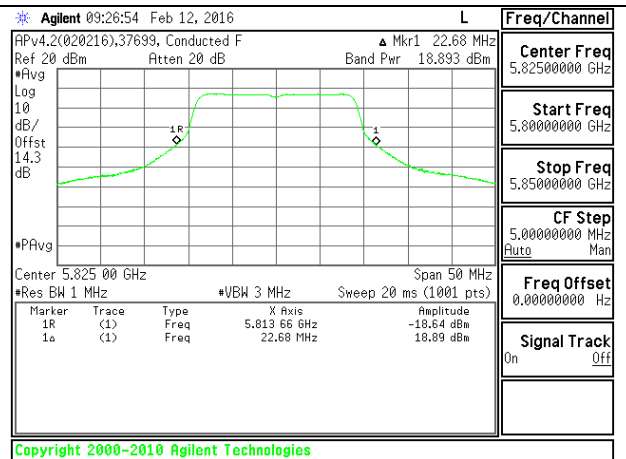


MID CHANNEL CHAIN 3

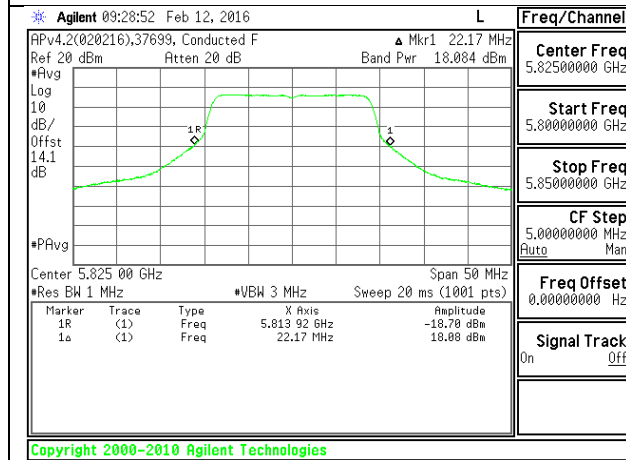
HIGH CHANNEL - POWER



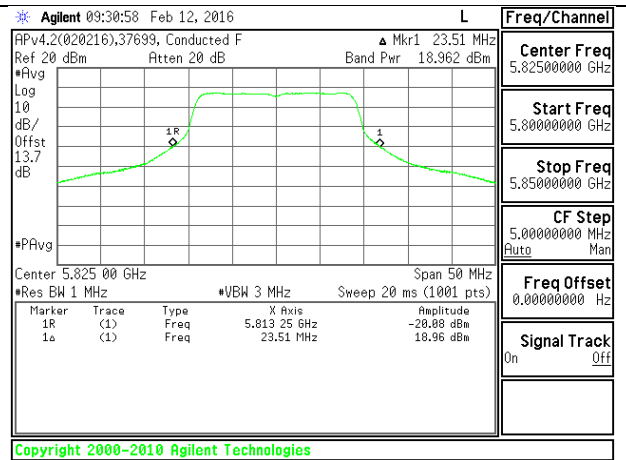
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

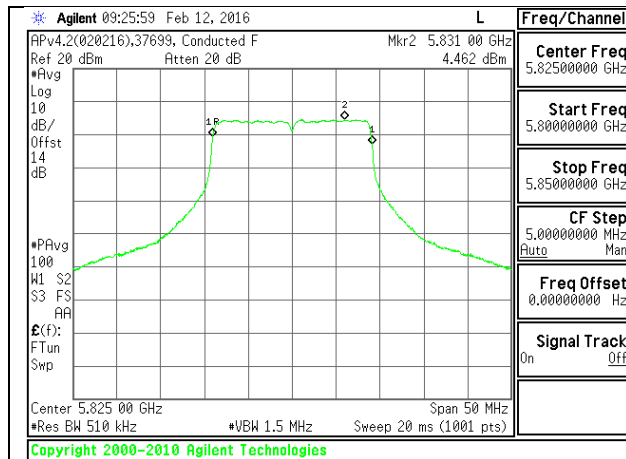


HIGH CHANNEL CHAIN 2

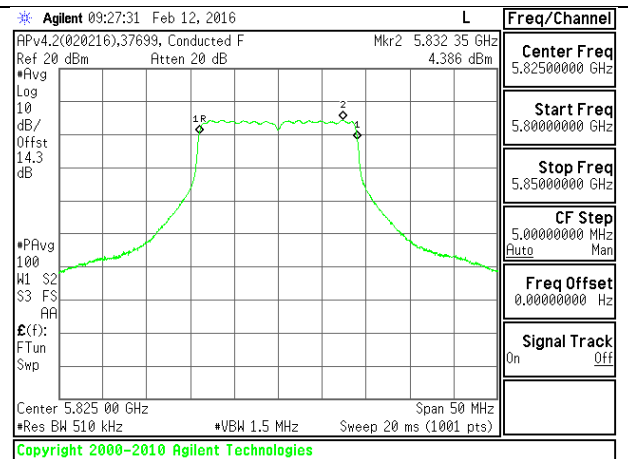


HIGH CHANNEL CHAIN 3

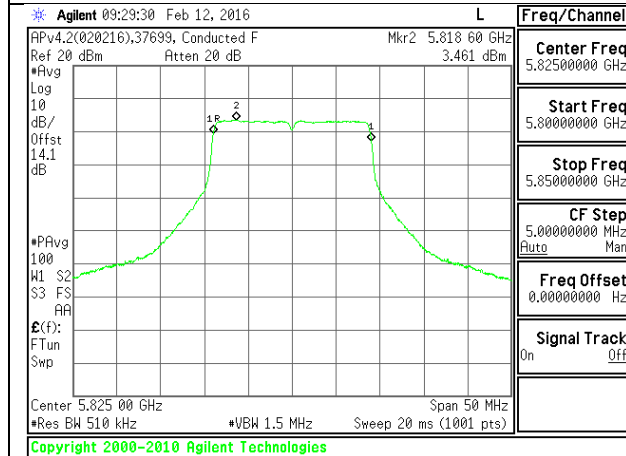
HIGH CHANNEL - PSD



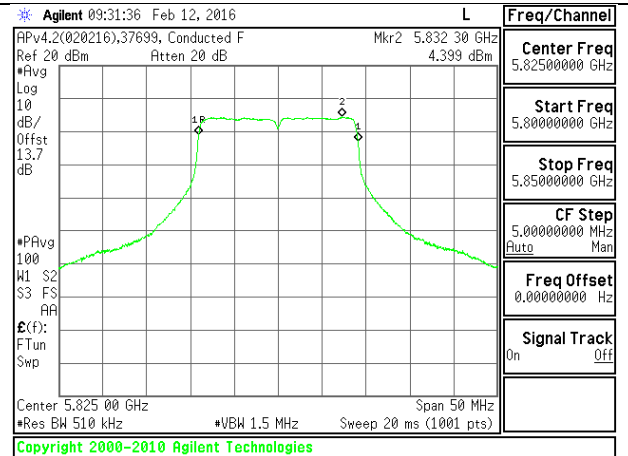
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1



HIGH CHANNEL CHAIN 2



HIGH CHANNEL CHAIN 3

4Tx 3 STREAM BF MODE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm)
Low	5745	6.07	6.07	29.93	29.93
Mid	5785	6.07	6.07	29.93	29.93
High	5825	6.07	6.07	29.93	29.93

Duty Cycle CF (dB)	0.49	Included in Calculations of Corr'd Power & PSD
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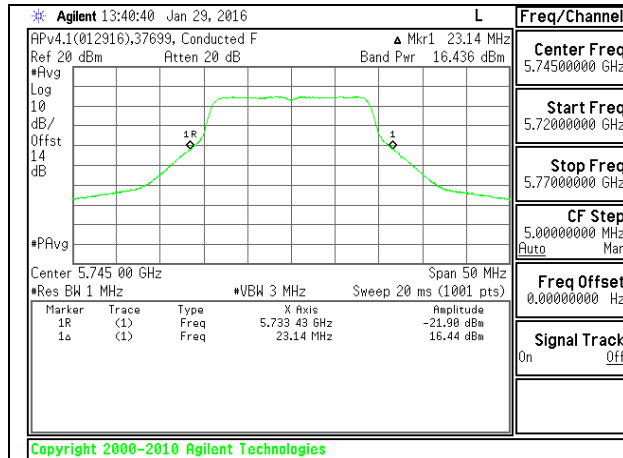
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Chain 2 Meas Power (dBm)	Chain 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	16.44	15.92	15.91	14.24	22.21	29.93	-7.72
Mid	5785	20.68	20.63	19.83	19.54	26.71	29.93	-3.22
High	5825	20.00	19.29	18.55	16.75	25.31	29.93	-4.62

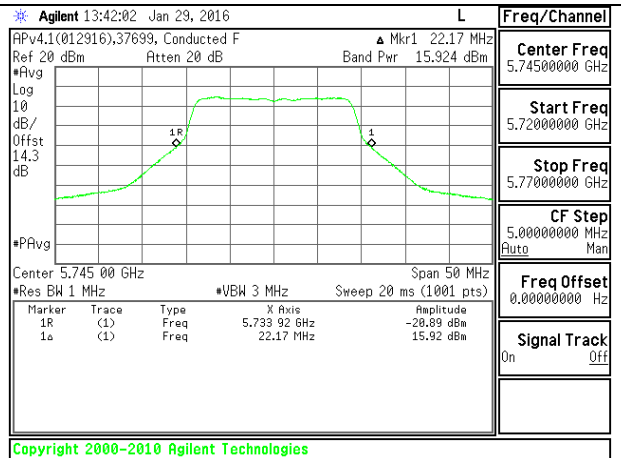
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Chain 2 Meas PSD (dBm)	Chain 3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	2.29	3.01	2.47	-0.15	8.57	29.93	-21.36
Mid	5785	7.90	6.98	6.41	5.08	13.22	29.93	-16.71
High	5825	6.55	5.93	4.46	2.11	11.58	29.93	-18.35

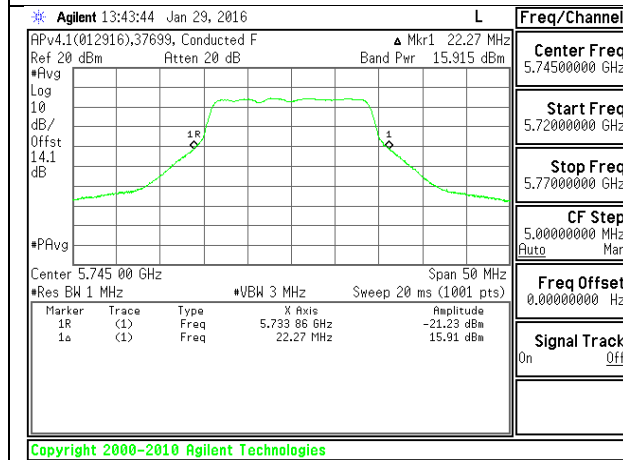
LOW CHANNEL - POWER



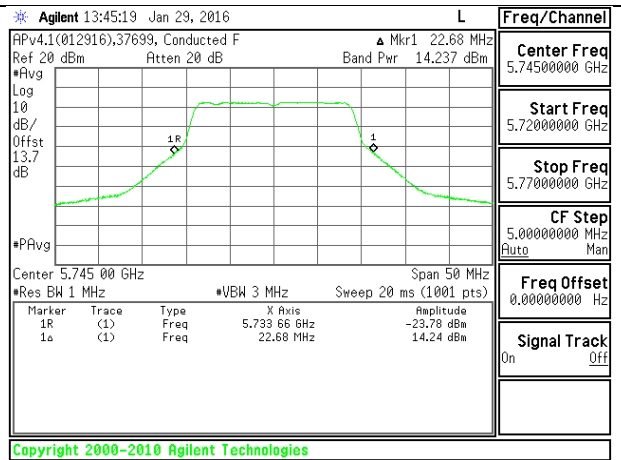
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1

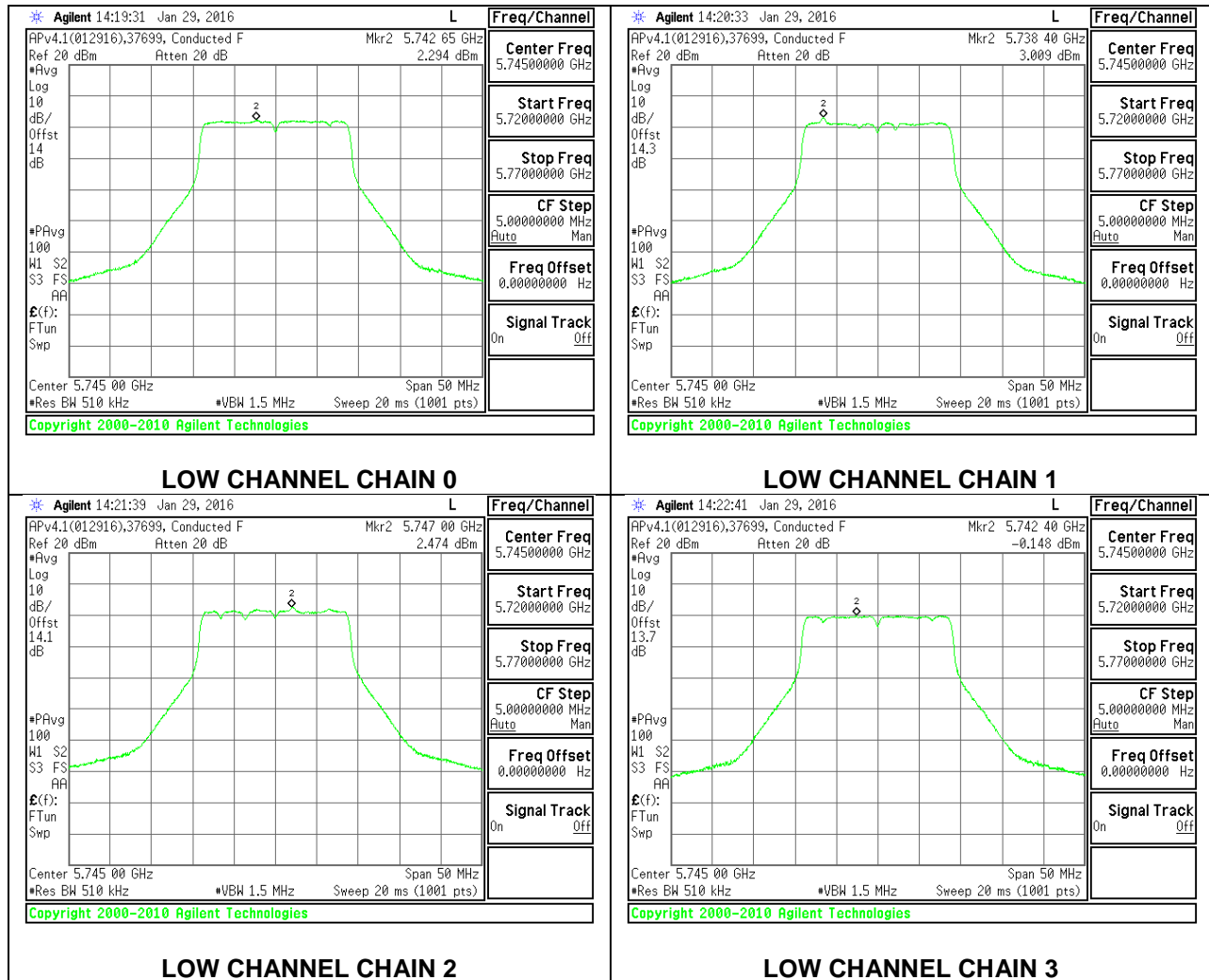


LOW CHANNEL CHAIN 2

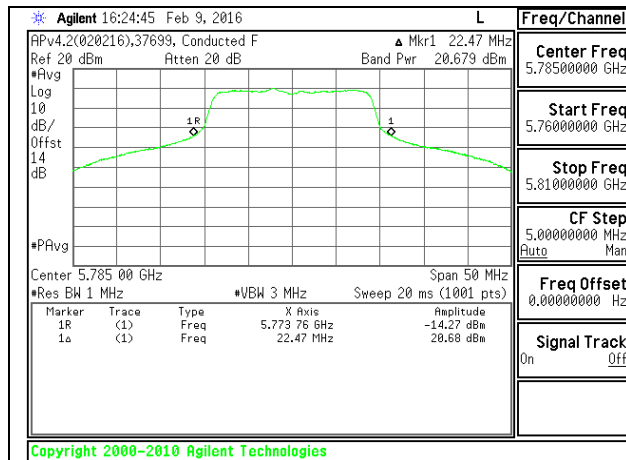


LOW CHANNEL CHAIN 3

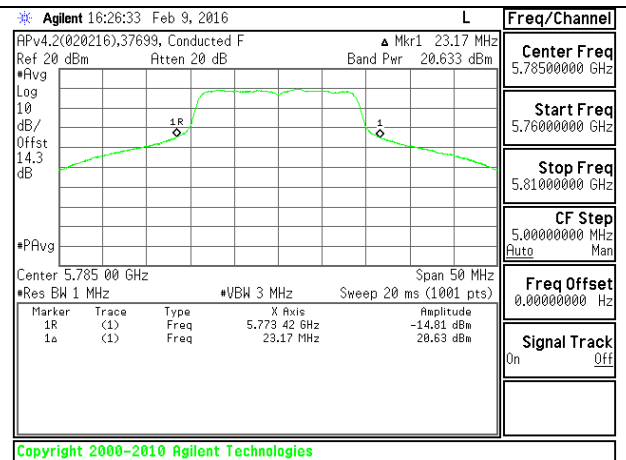
LOW CHANNEL - PSD



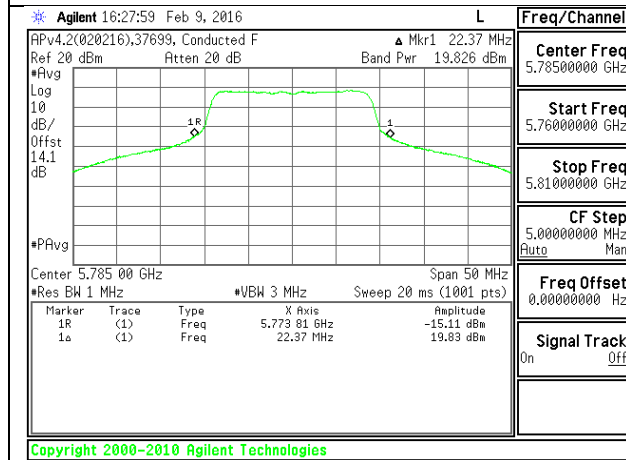
MID CHANNEL - POWER



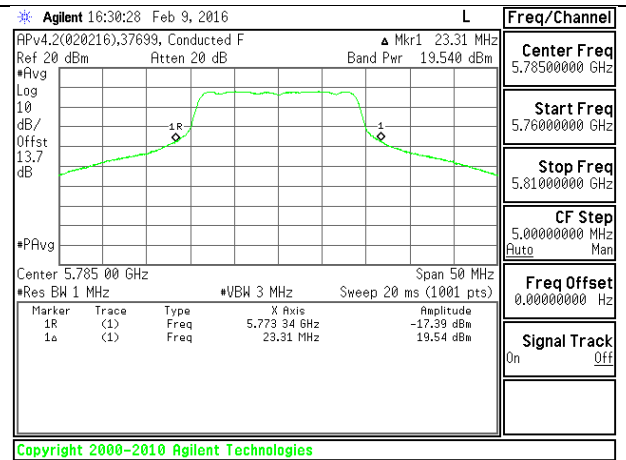
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

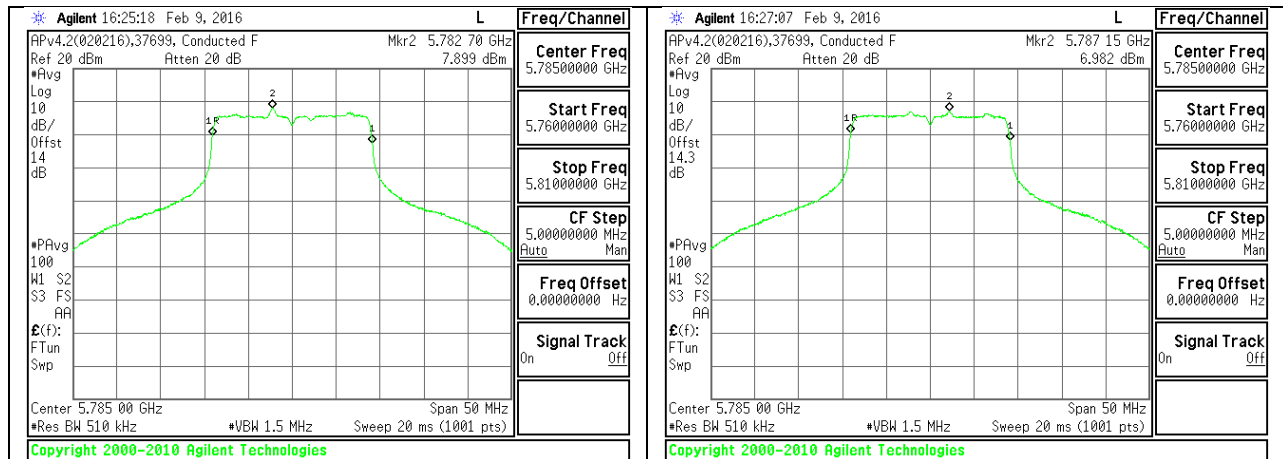


MID CHANNEL CHAIN 2



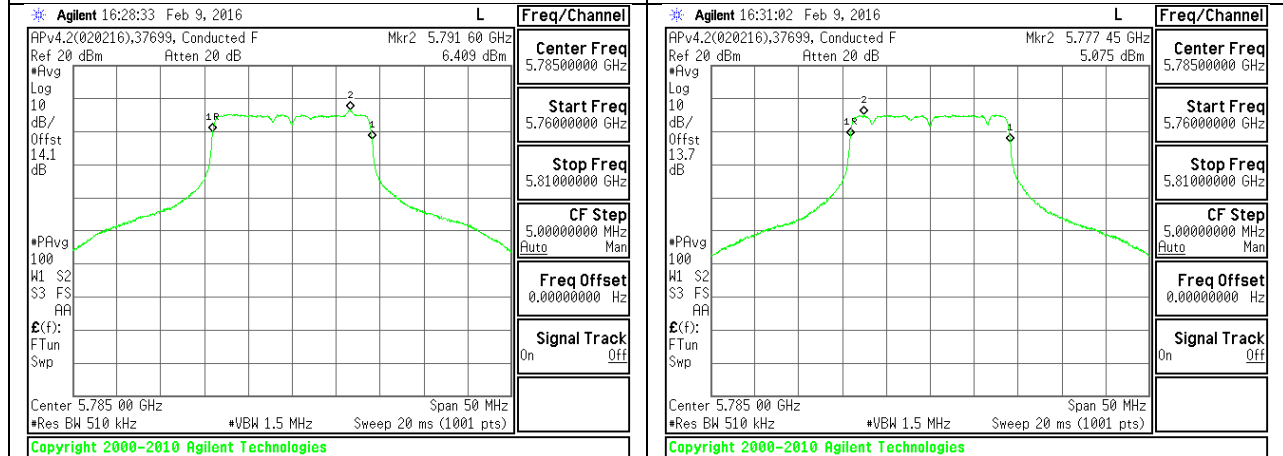
MID CHANNEL CHAIN 3

MID CHANNEL - PSD



MID CHANNEL CHAIN 0

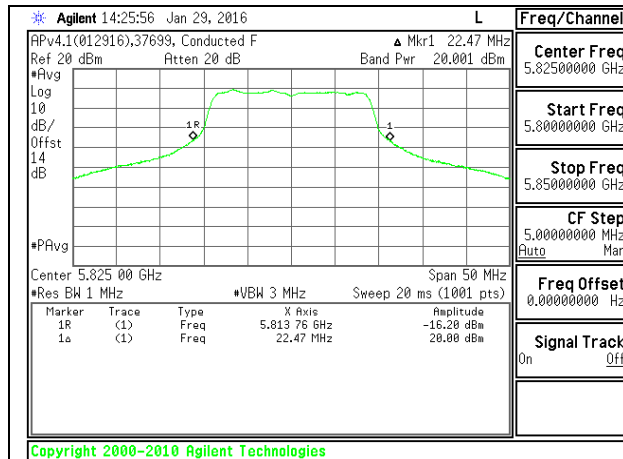
MID CHANNEL CHAIN 1



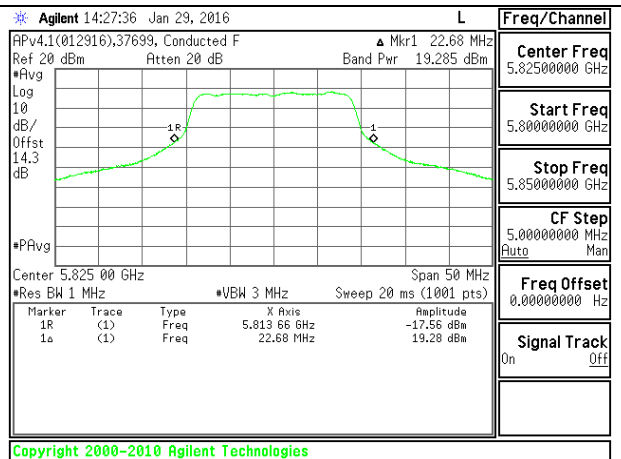
MID CHANNEL CHAIN 2

MID CHANNEL CHAIN 3

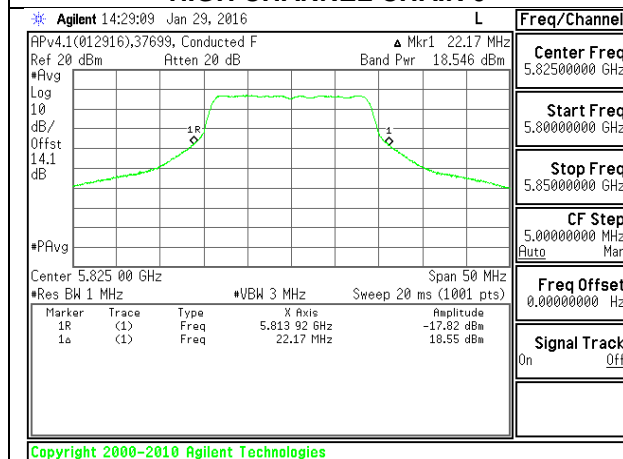
HIGH CHANNEL - POWER



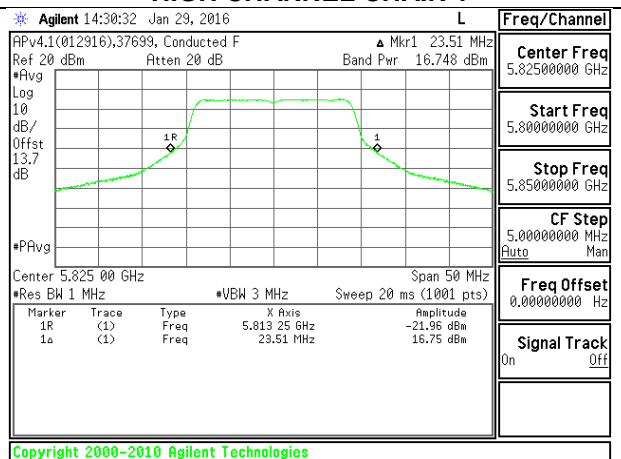
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

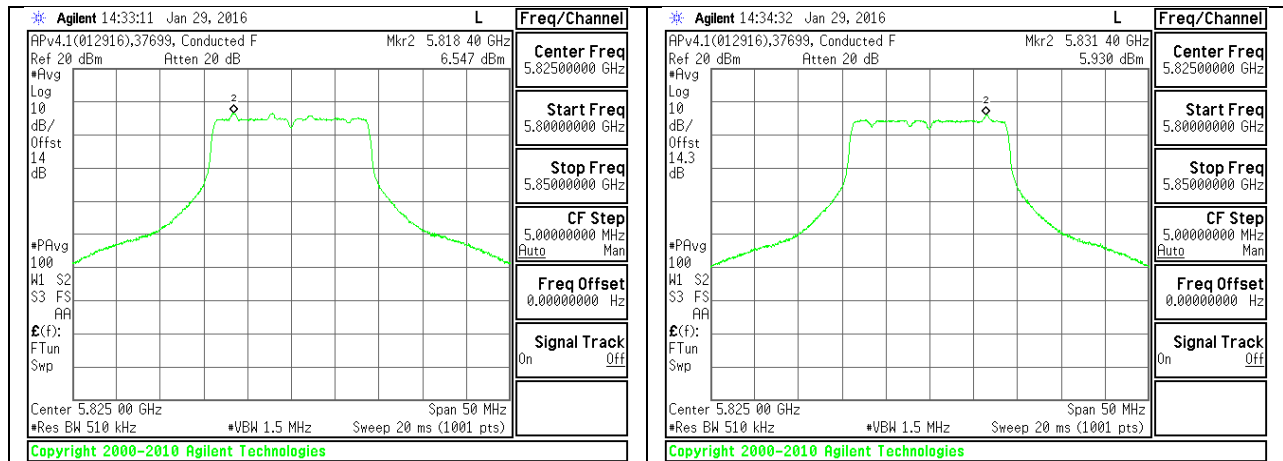


HIGH CHANNEL CHAIN 2



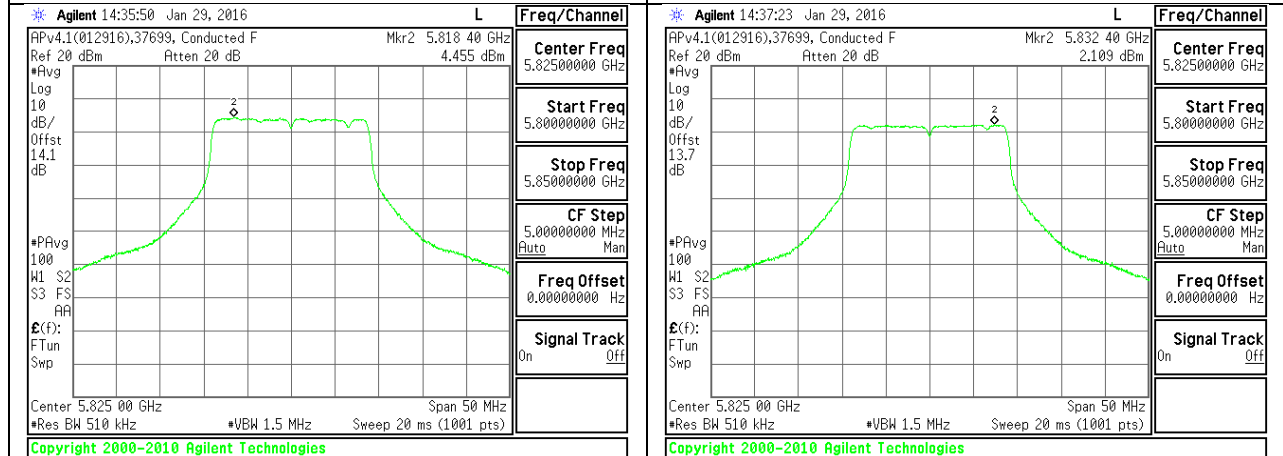
HIGH CHANNEL CHAIN 3

HIGH CHANNEL - PSD



HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1



HIGH CHANNEL CHAIN 2

HIGH CHANNEL CHAIN 3

4Tx 1 STREAM BF MODE (low channel only)

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm)
Low	5745	9.95	9.95	26.05	26.05
Mid	5785	9.95	9.95	26.05	26.05
High	5825	9.95	9.95	26.05	26.05

Duty Cycle CF (dB)	0.68	Included in Calculations of Corr'd Power & PSD
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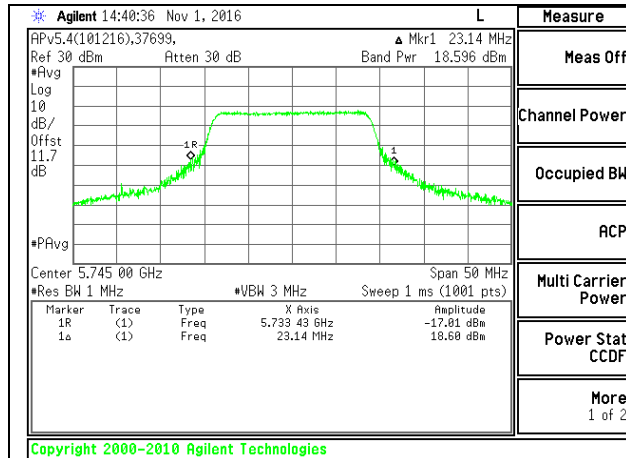
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Chain 2 Meas Power (dBm)	Chain 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	18.60	19.00	20.03	18.59	25.80	26.05	-0.25
Mid	5785	18.48	18.92	18.61	18.65	25.37	26.05	-0.68
High	5825	16.84	16.66	14.78	15.92	22.82	26.05	-3.23

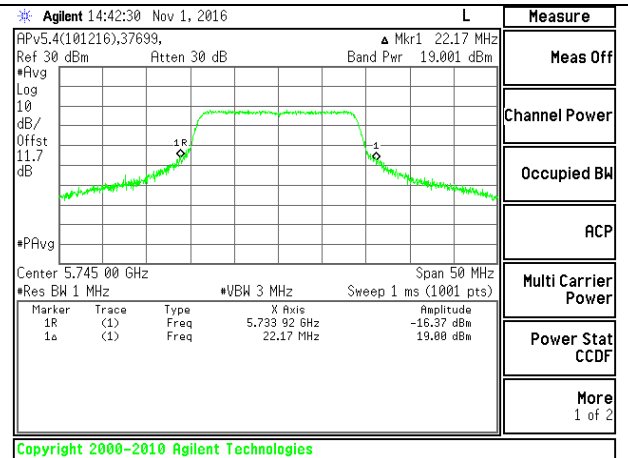
PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Chain 2 Meas PSD (dBm)	Chain 3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5745	4.25	5.13	6.03	4.59	11.75	26.05	-14.30
Mid	5785	3.89	4.26	4.17	4.30	10.86	26.05	-15.19
High	5825	2.59	2.02	0.50	1.78	8.49	26.05	-17.56

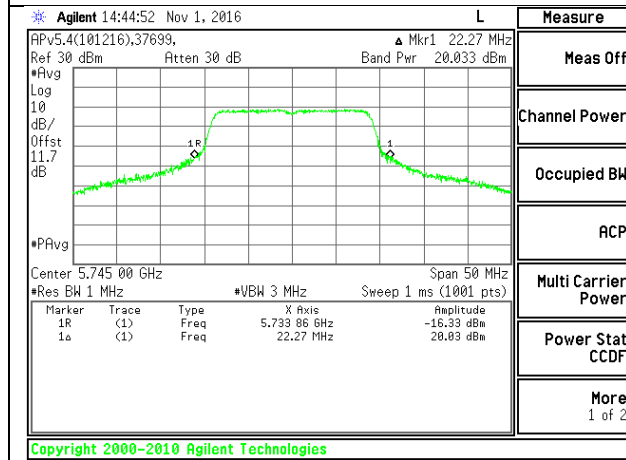
LOW CHANNEL - POWER



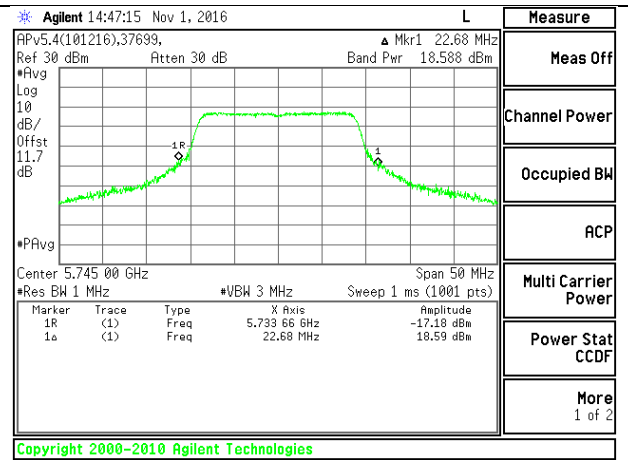
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1

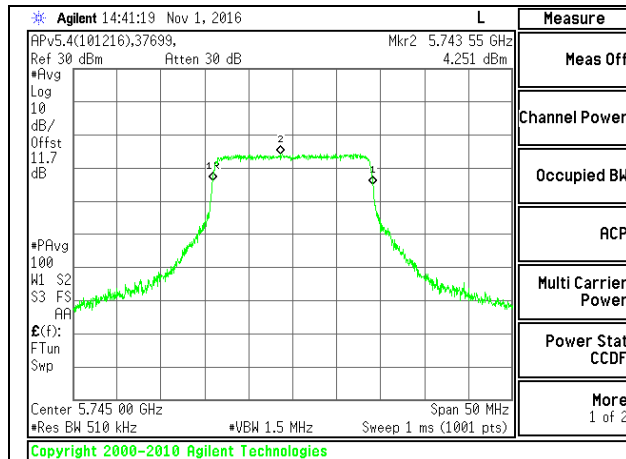


LOW CHANNEL CHAIN 2

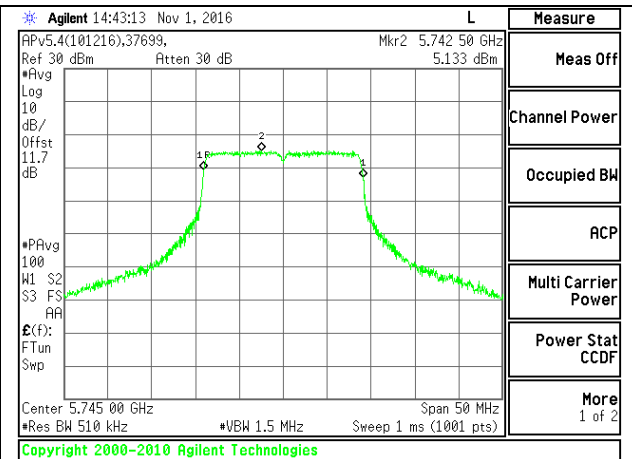


LOW CHANNEL CHAIN 3

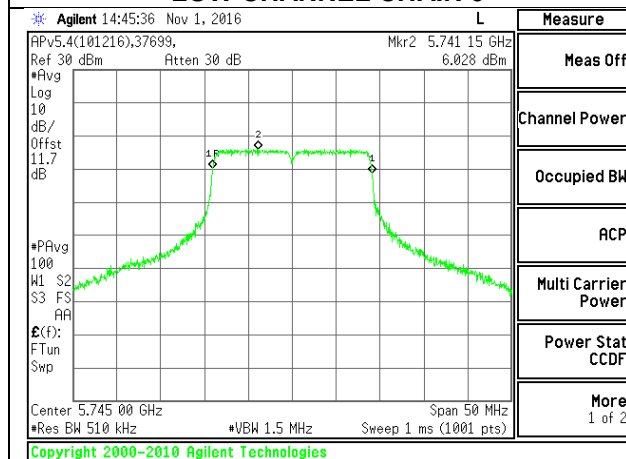
LOW CHANNEL - PSD



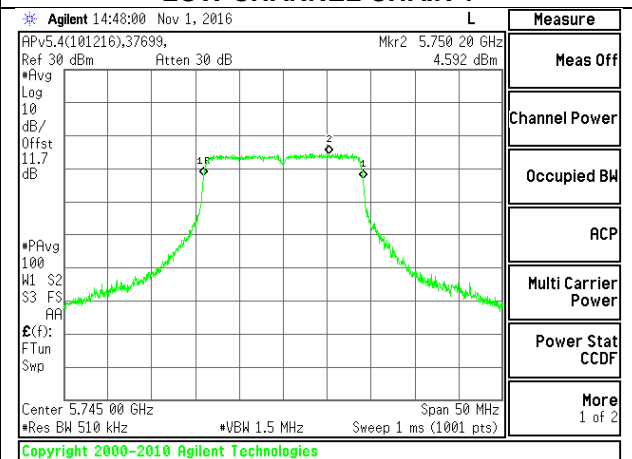
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1

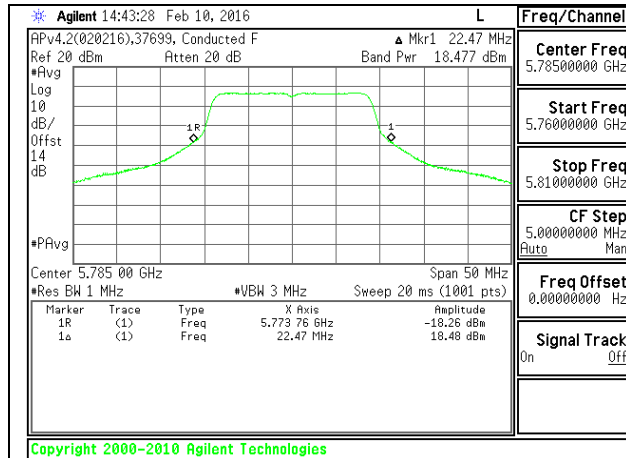


LOW CHANNEL CHAIN 2

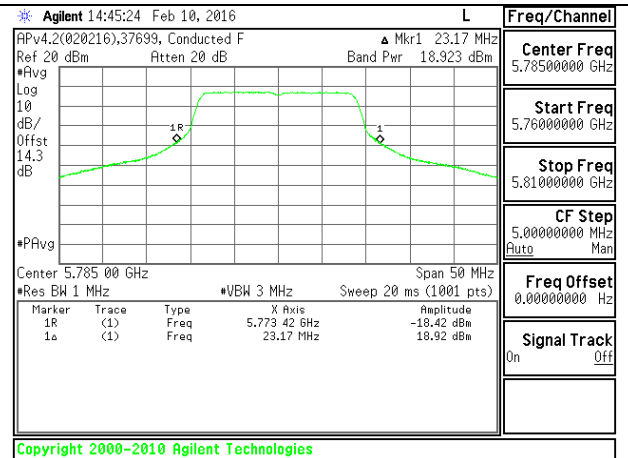


LOW CHANNEL CHAIN 3

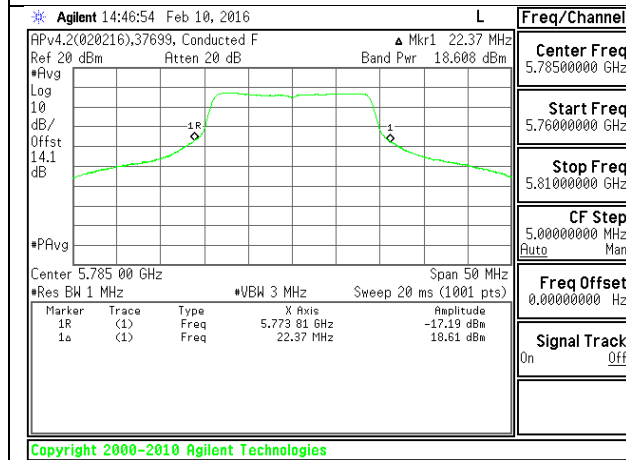
MID CHANNEL - POWER



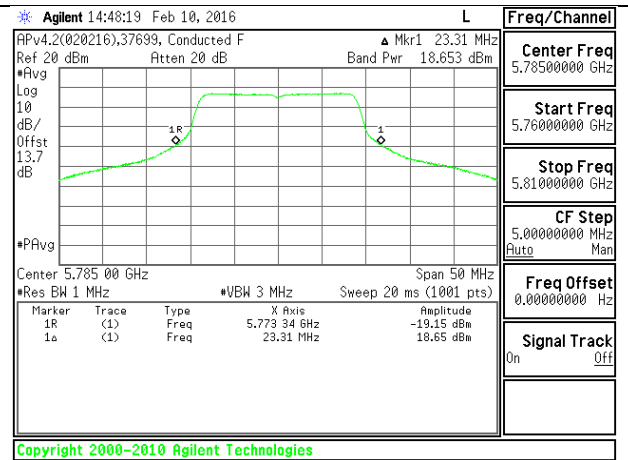
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

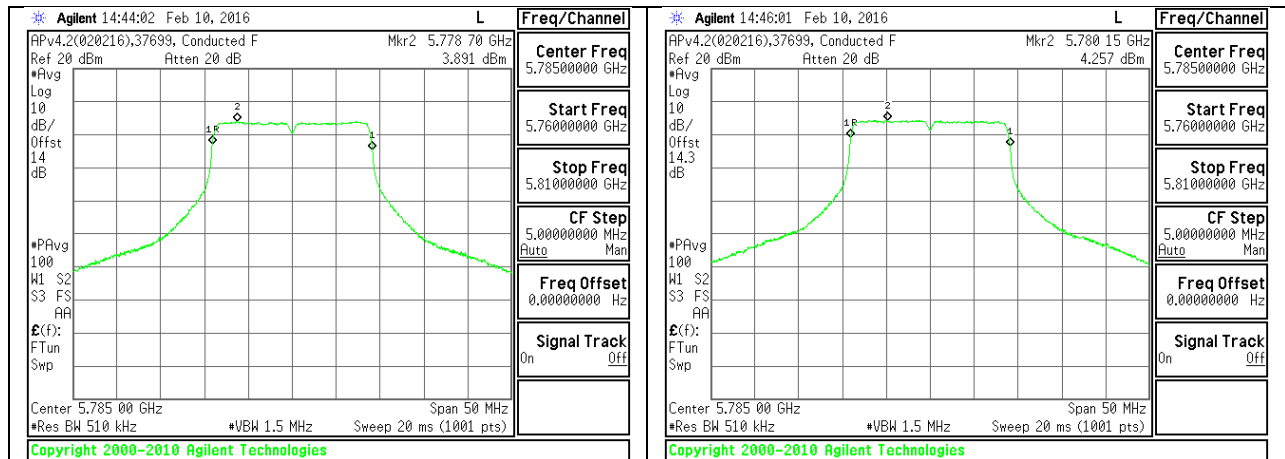


MID CHANNEL CHAIN 2



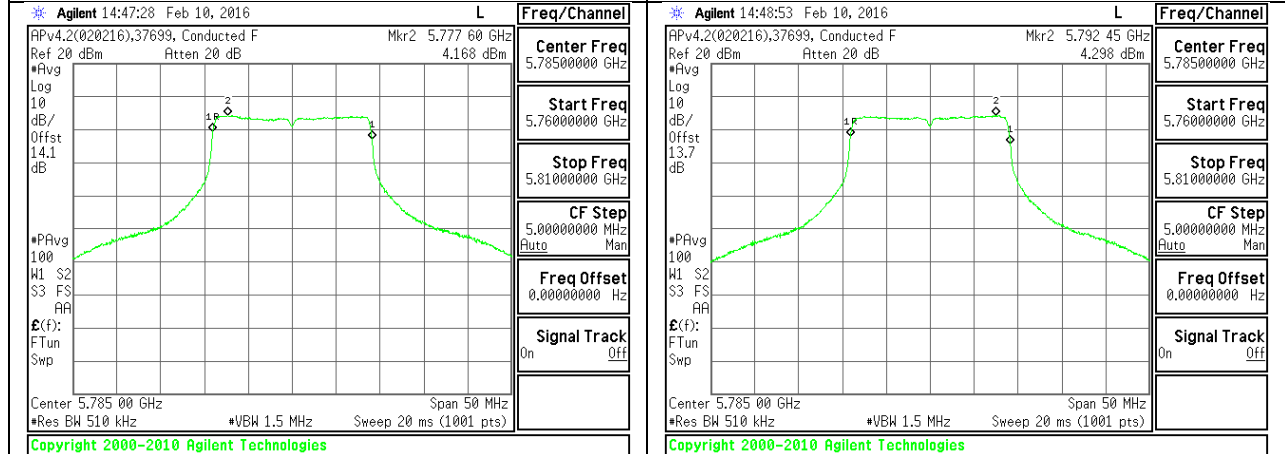
MID CHANNEL CHAIN 3

MID CHANNEL - PSD



MID CHANNEL CHAIN 0

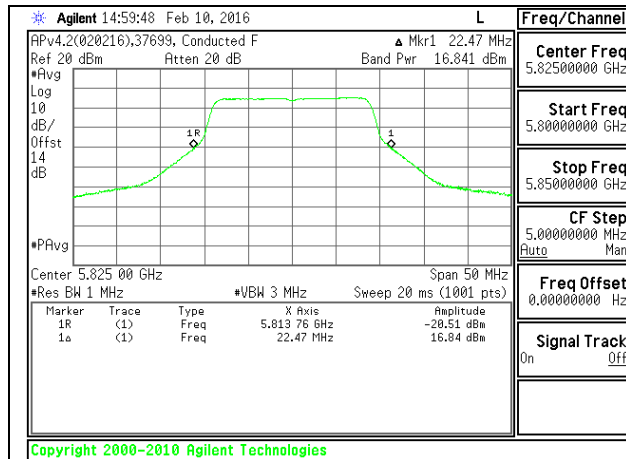
MID CHANNEL CHAIN 1



MID CHANNEL CHAIN 2

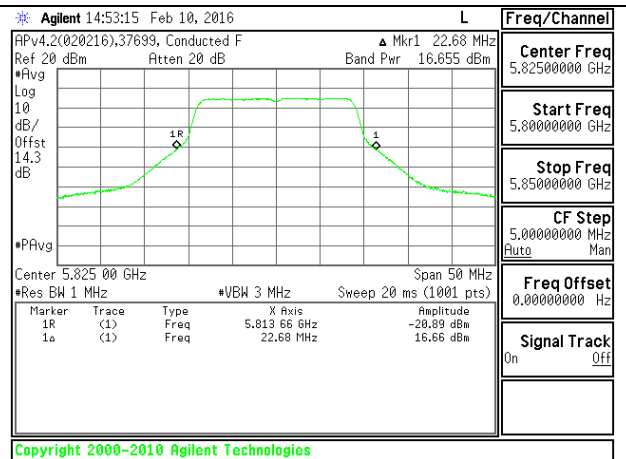
MID CHANNEL CHAIN 3

HIGH CHANNEL - POWER



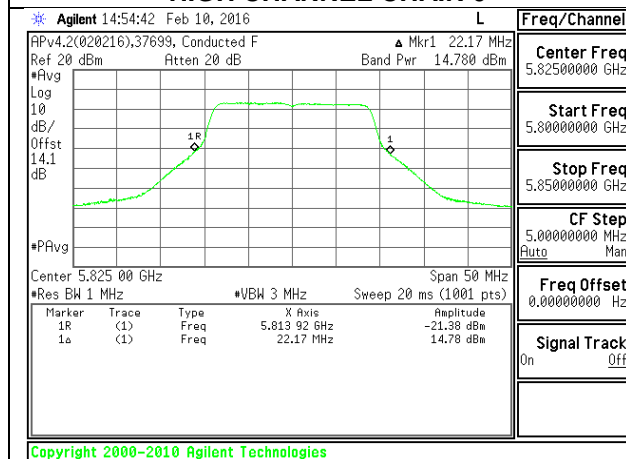
Copyright 2000-2010 Agilent Technologies

HIGH CHANNEL CHAIN 0



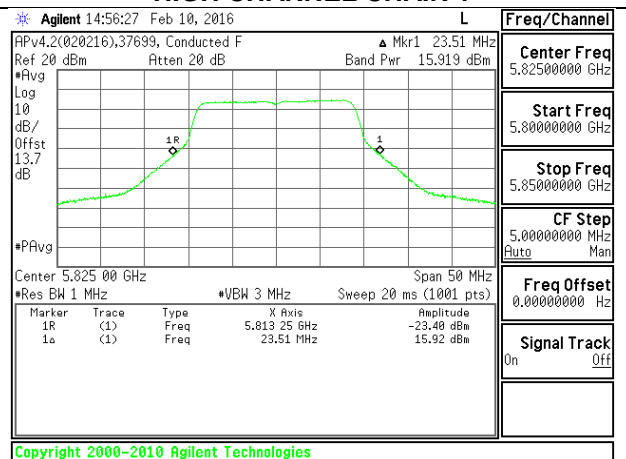
Copyright 2000-2010 Agilent Technologies

HIGH CHANNEL CHAIN 1



Copyright 2000-2010 Agilent Technologies

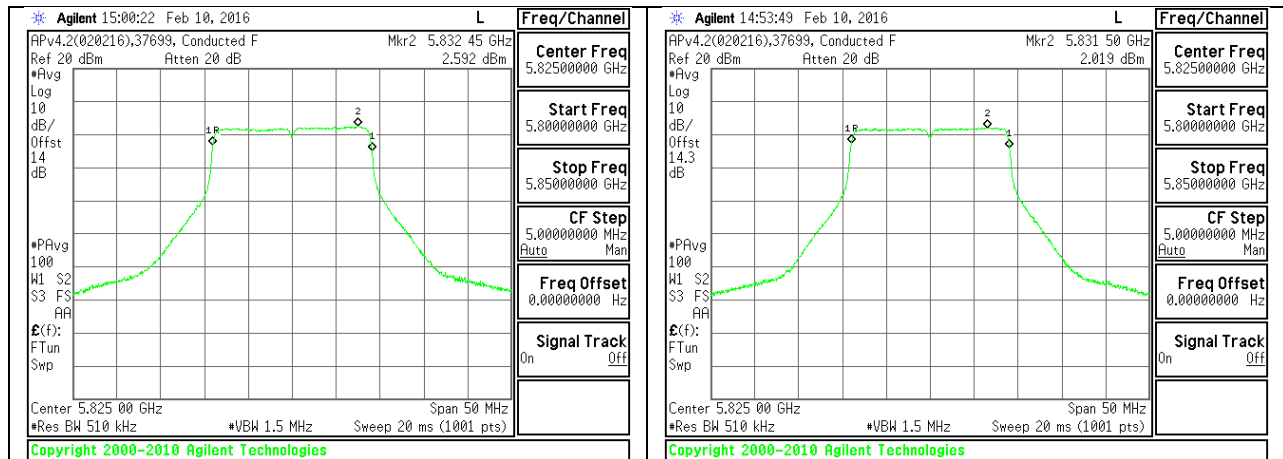
HIGH CHANNEL CHAIN 2



Copyright 2000-2010 Agilent Technologies

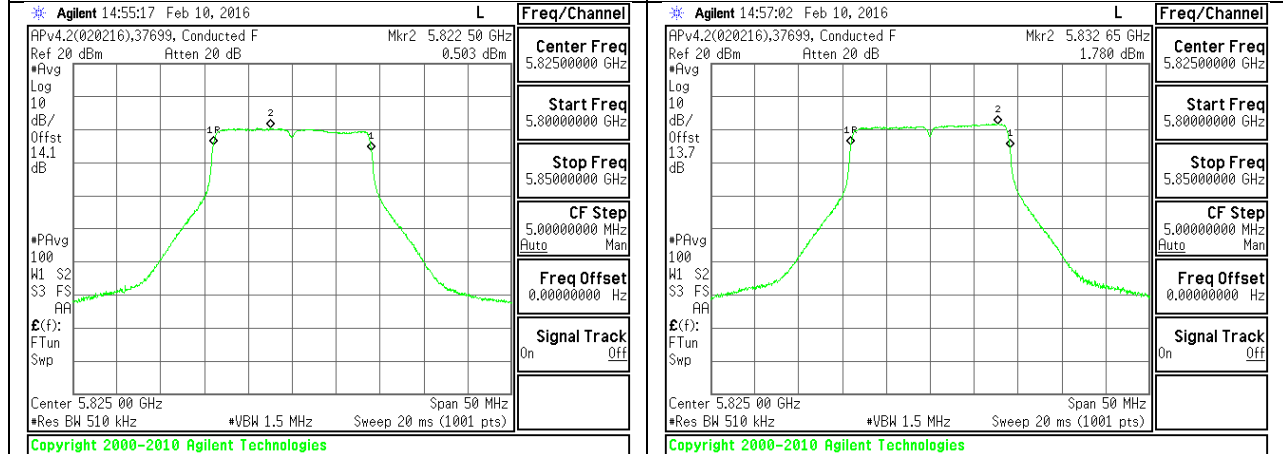
HIGH CHANNEL CHAIN 3

HIGH CHANNEL - PSD



HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1



HIGH CHANNEL CHAIN 2

HIGH CHANNEL CHAIN 3

4.5.7. 802.11ac VHT40 MODE IN THE 5.8 GHz BAND (low channel 3 stream and 1 stream BF)

4Tx 4 STREAM CDD MODE

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm)
Low	5755	4.01	4.01	30.00	30.00
High	5795	4.01	4.01	30.00	30.00

Duty Cycle CF (dB)	0.32	Included in Calculations of Corr'd Power & PSD
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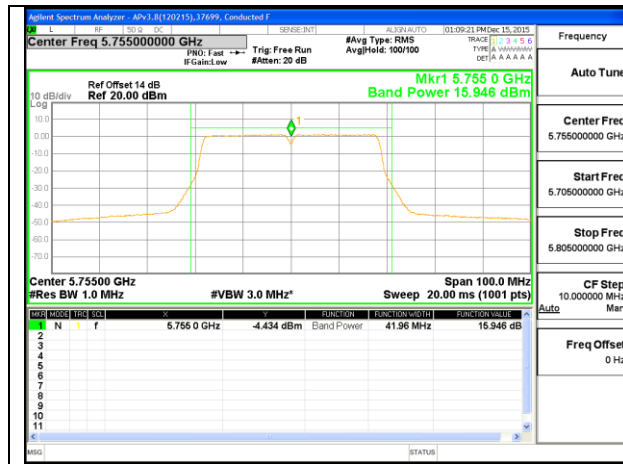
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Chain 2 Meas Power (dBm)	Chain 3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	15.95	14.13	15.52	12.49	21.06	30.00	-8.94
High	5795	20.23	18.12	19.66	16.32	25.17	30.00	-4.83

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm)	Chain 1 Meas PSD (dBm)	Chain 2 Meas PSD (dBm)	Chain 3 Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	-1.68	-3.50	-2.04	-4.99	3.47	30.00	-26.53
High	5795	3.05	0.58	2.01	-1.23	7.73	30.00	-22.27

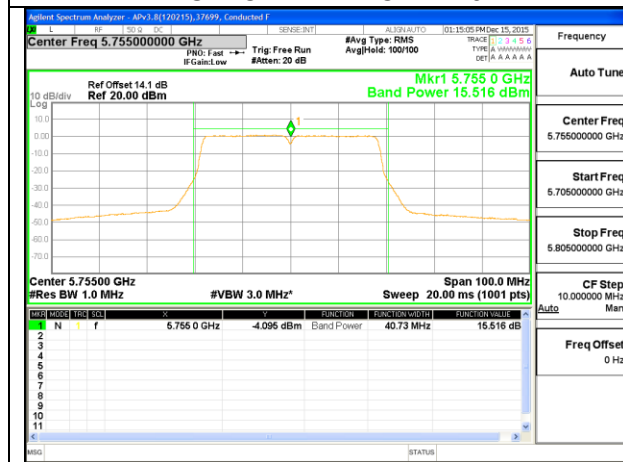
LOW CHANNEL - POWER



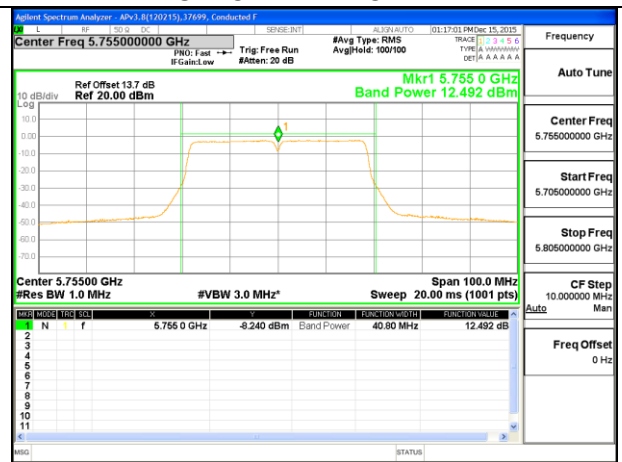
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1

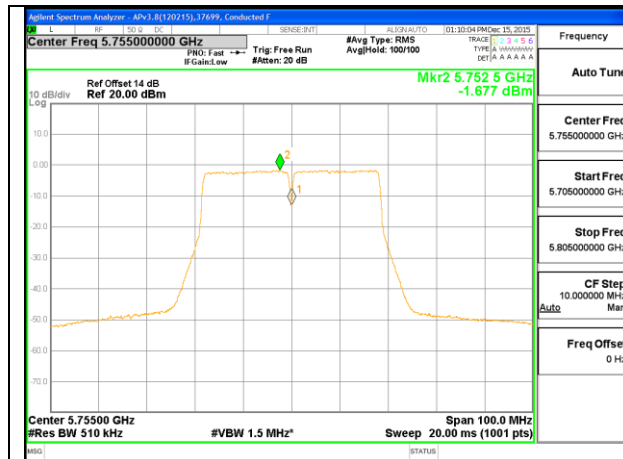


LOW CHANNEL CHAIN 2

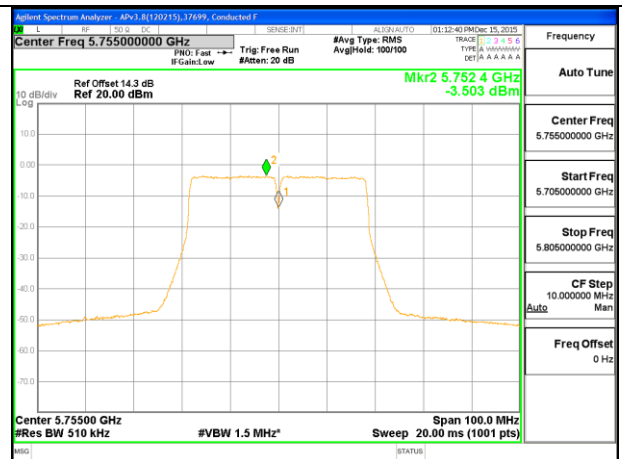


LOW CHANNEL CHAIN 3

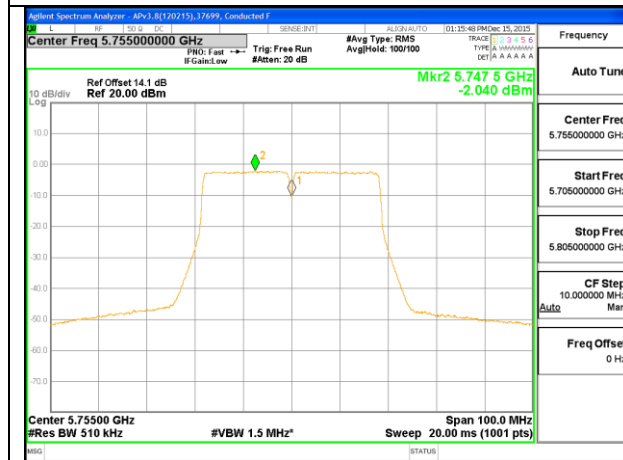
LOW CHANNEL - PSD



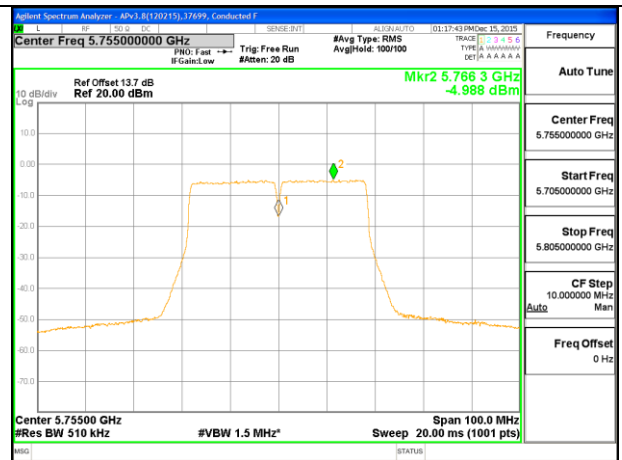
LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1

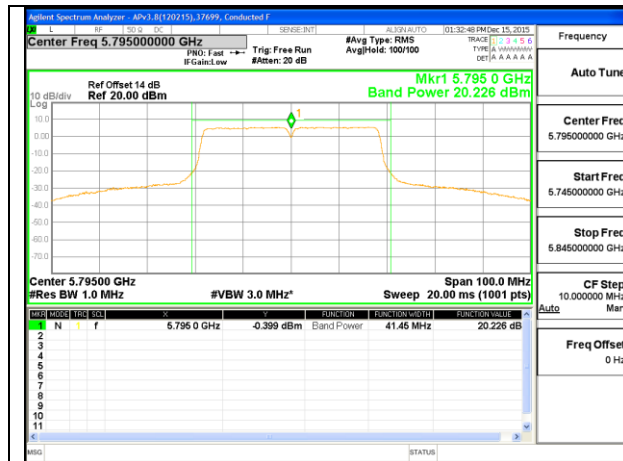


LOW CHANNEL CHAIN 2

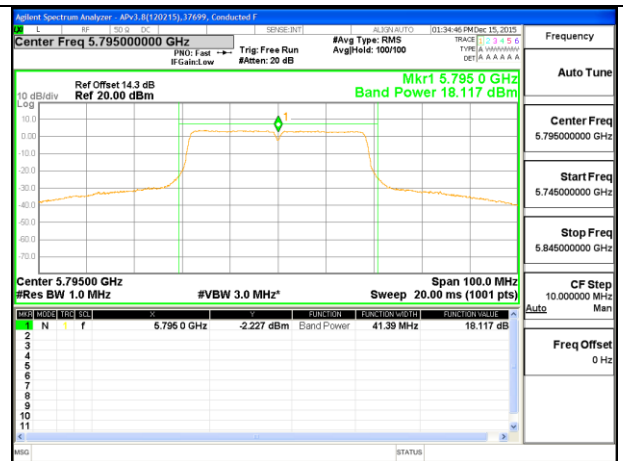


LOW CHANNEL CHAIN 3

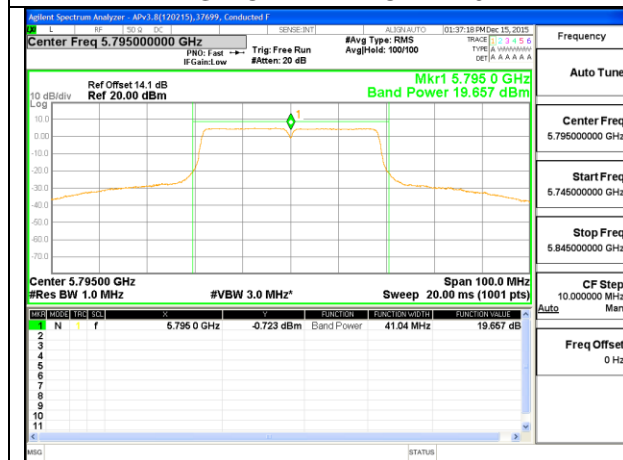
HIGH CHANNEL - POWER



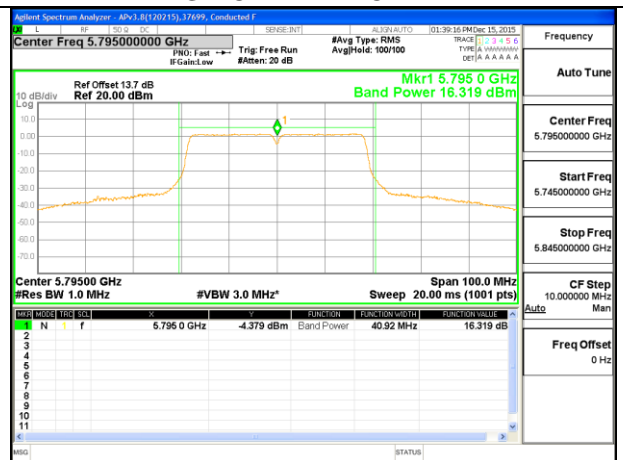
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

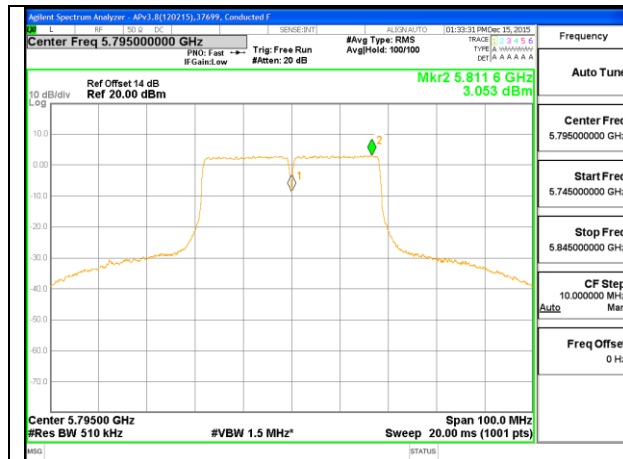


HIGH CHANNEL CHAIN 2

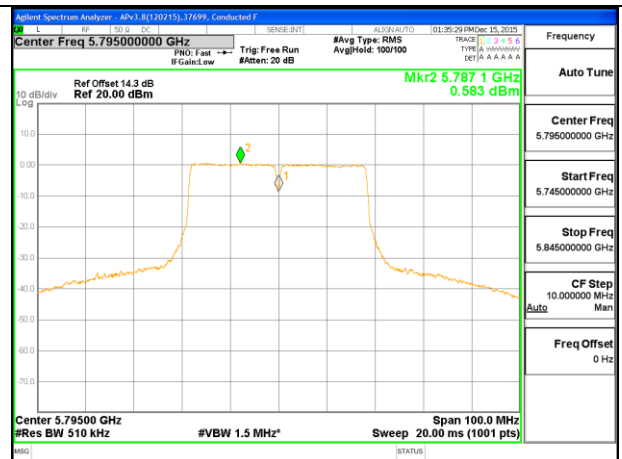


HIGH CHANNEL CHAIN 3

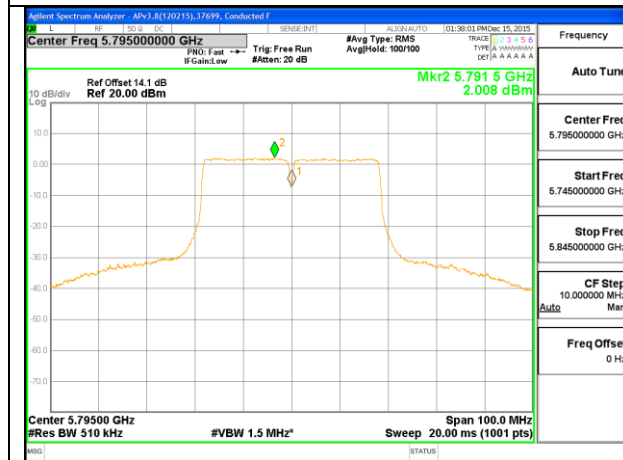
HIGH CHANNEL - PSD



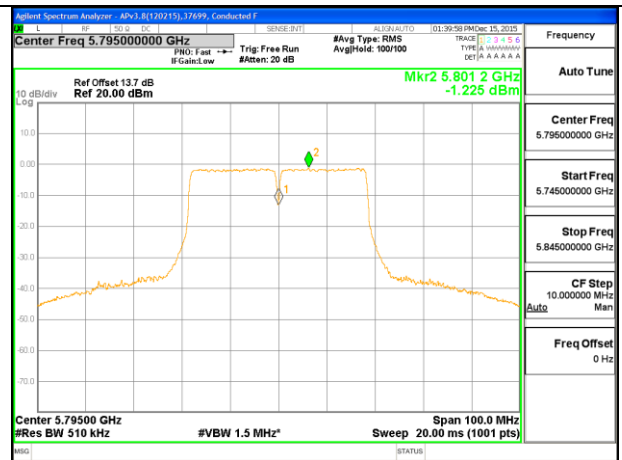
HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1



HIGH CHANNEL CHAIN 2



HIGH CHANNEL CHAIN 3