

**1TX ANTENNA 5 MOBILE**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-5.00	24.00	11.00
Mid	5200	-5.00	24.00	11.00
High	5240	-5.00	24.00	11.00

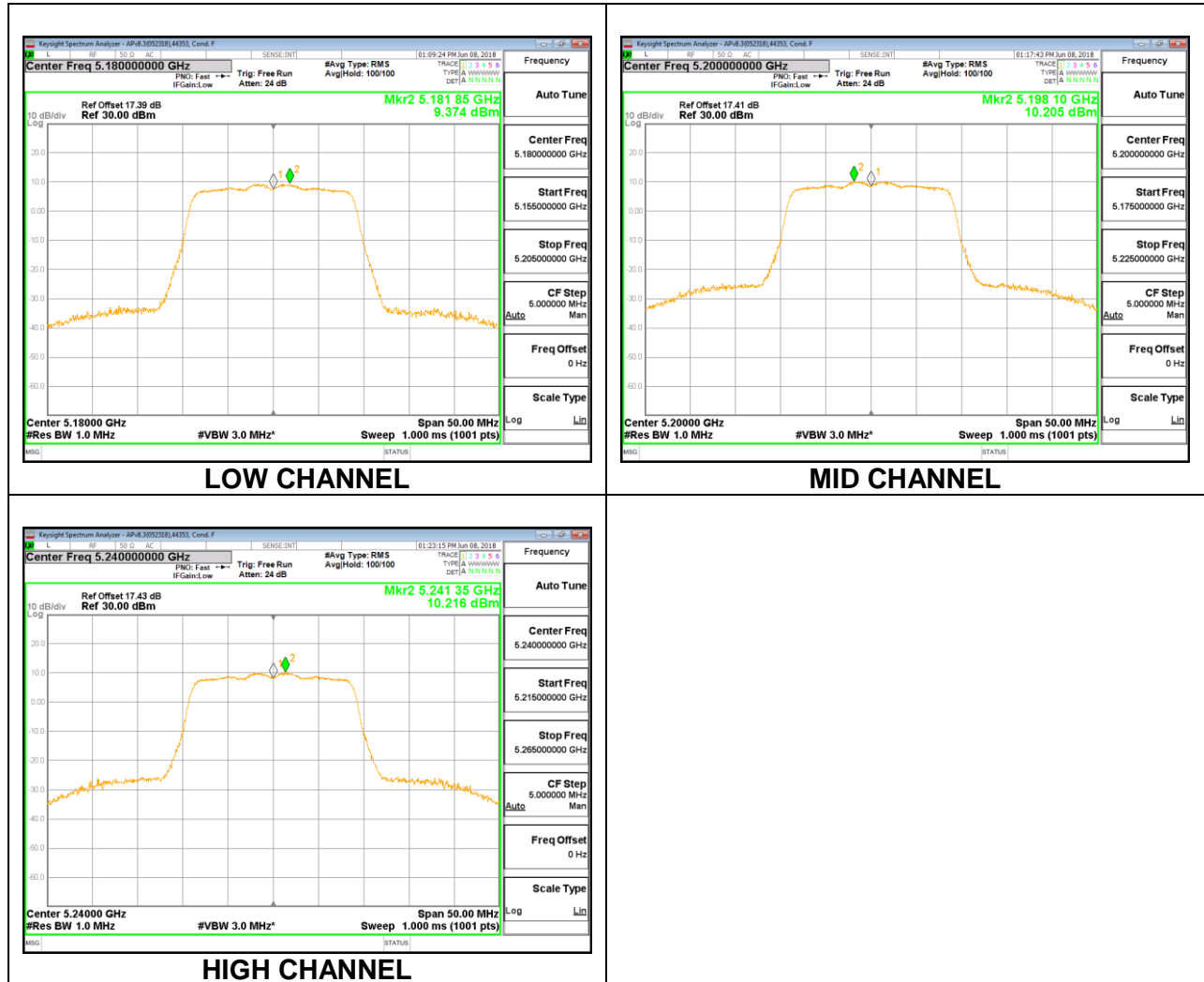
<b>Duty Cycle CF (dB)</b>	0.00	<b>Included in Calculations of Corr'd PSD</b>
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**Output Power Results**

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	18.90	18.90	24.00	-5.10
Mid	5200	20.87	20.87	24.00	-3.13
High	5240	20.90	20.90	24.00	-3.10

**PSD Results**

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	9.37	9.37	11.00	-1.63
Mid	5200	10.21	10.21	11.00	-0.80
High	5240	10.22	10.22	11.00	-0.78



**2TX ANTENNA 4 + ANTENNA 5 CDD MODE MOBILE**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5180	-5.15	-2.14	24.00	11.00
Mid	5200	-5.15	-2.14	24.00	11.00
High	5240	-5.15	-2.14	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.00	<b>Included in Calculations of Corr'd PSD</b>
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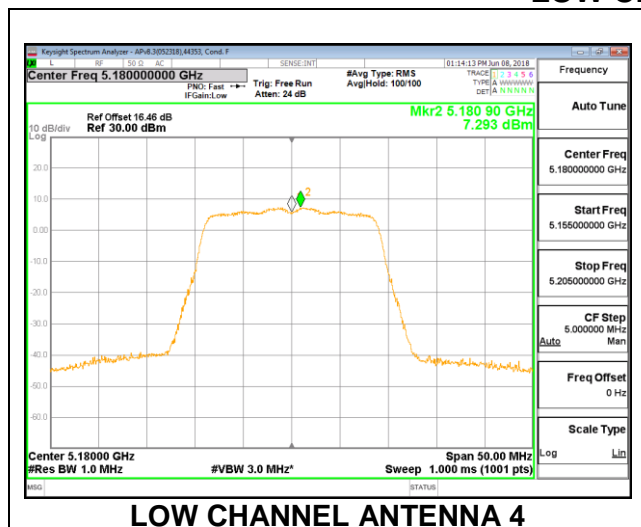
**Output Power Results**

Channel	Frequency (MHz)	Ant 4 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	17.87	17.84	20.87	24.00	-3.13
Mid	5200	17.88	17.96	20.93	24.00	-3.07
High	5240	17.90	17.86	20.89	24.00	-3.11

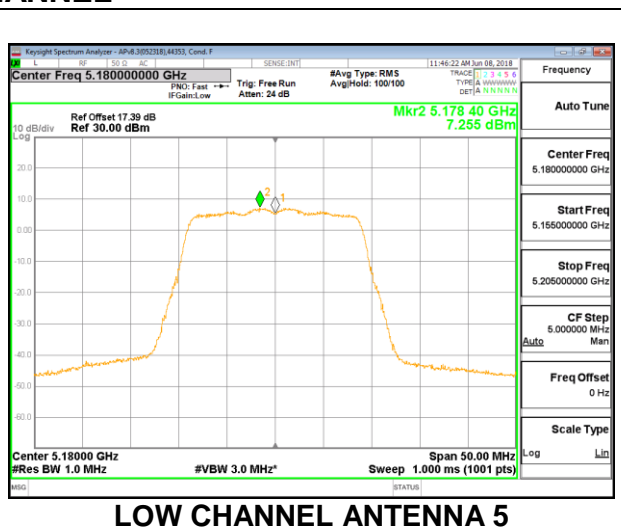
**PSD Results**

Channel	Frequency (MHz)	Ant 4 Meas PSD (dBm/1MHz)	Ant 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5180	7.29	7.26	10.28	11.00	-0.72
Mid	5200	7.24	7.35	10.31	11.00	-0.69
High	5240	7.31	7.29	10.31	11.00	-0.69

### LOW CHANNEL

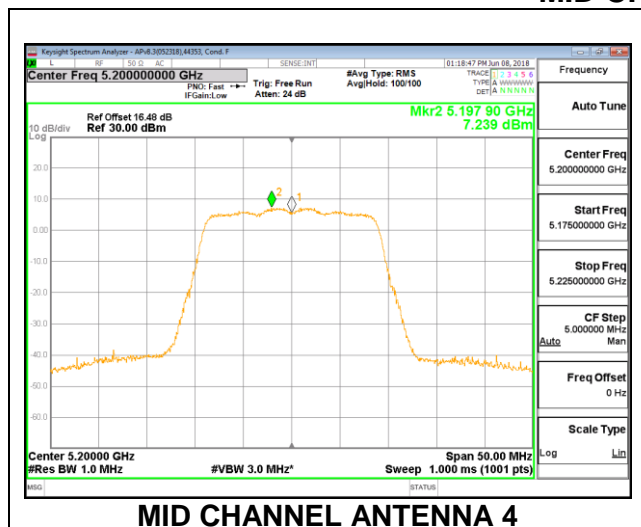


LOW CHANNEL ANTENNA 4

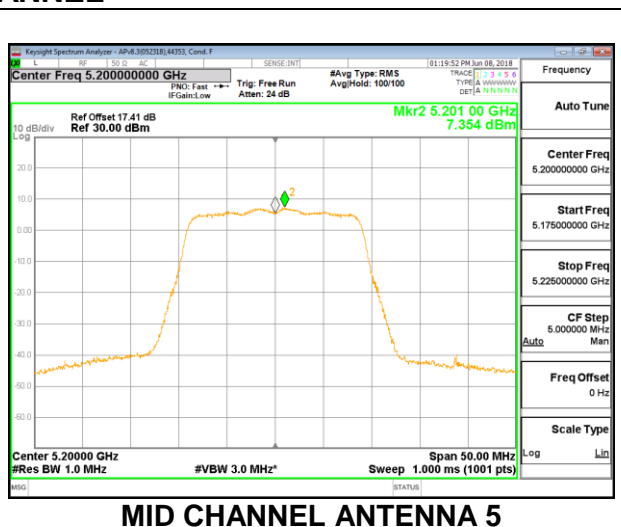


LOW CHANNEL ANTENNA 5

### MID CHANNEL

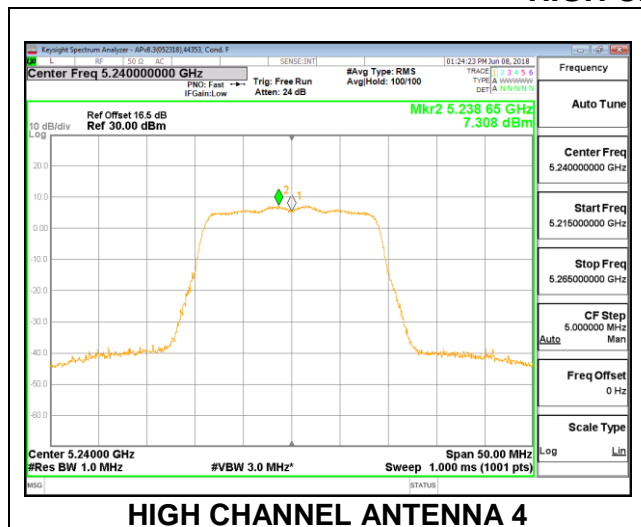


MID CHANNEL ANTENNA 4

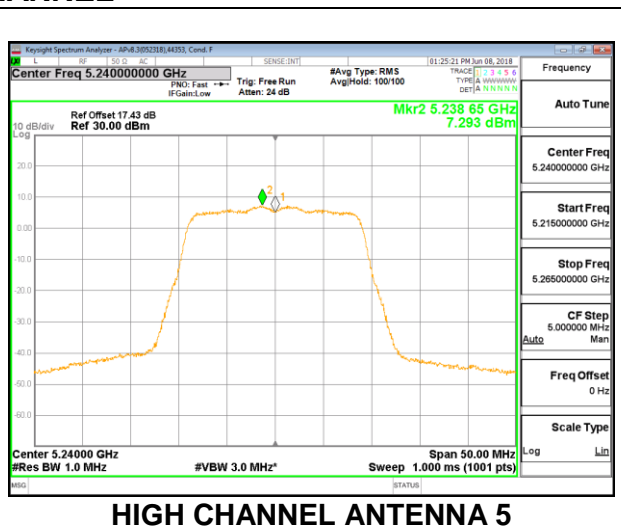


MID CHANNEL ANTENNA 5

### HIGH CHANNEL



HIGH CHANNEL ANTENNA 4



HIGH CHANNEL ANTENNA 5

### 8.5.2. 802.11n HT40 MODE IN THE 5.2 GHz BAND

#### 1TX Antenna 4 MOBILE

##### Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5190	-5.30	24.00	11.00
High	5230	-5.30	24.00	11.00

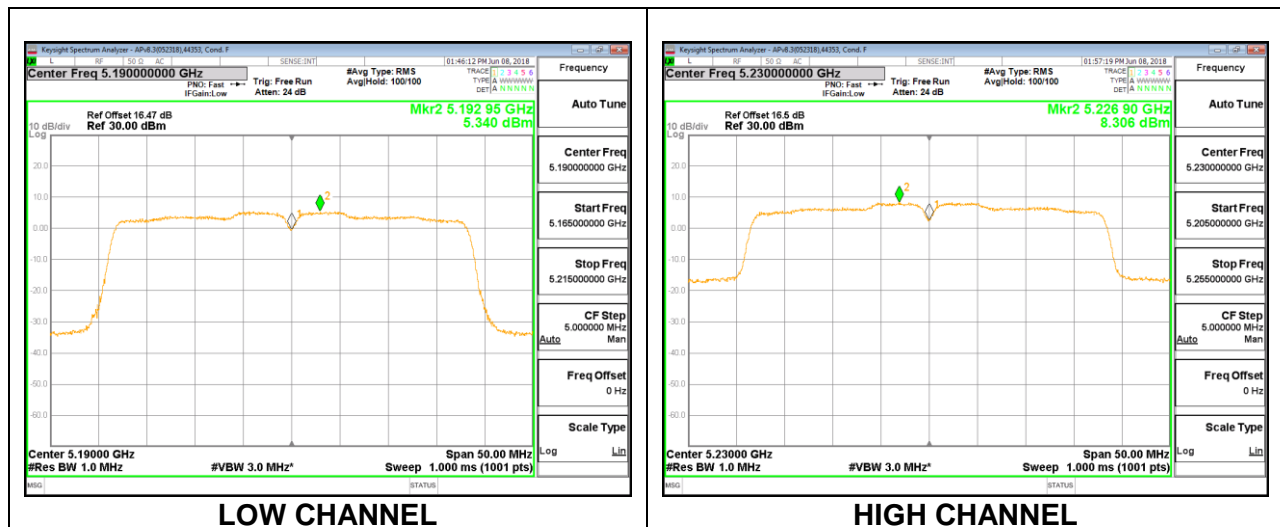
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd Power & PSD
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##### Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	17.79	17.79	24.00	-6.21
High	5230	19.48	19.48	24.00	-4.52

##### PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5190	5.34	5.44	11.00	-5.56
High	5230	8.31	8.41	11.00	-2.59



**1TX ANTENNA 5 MOBILE**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5190	-5.00	24.00	11.00
High	5230	-5.00	24.00	11.00

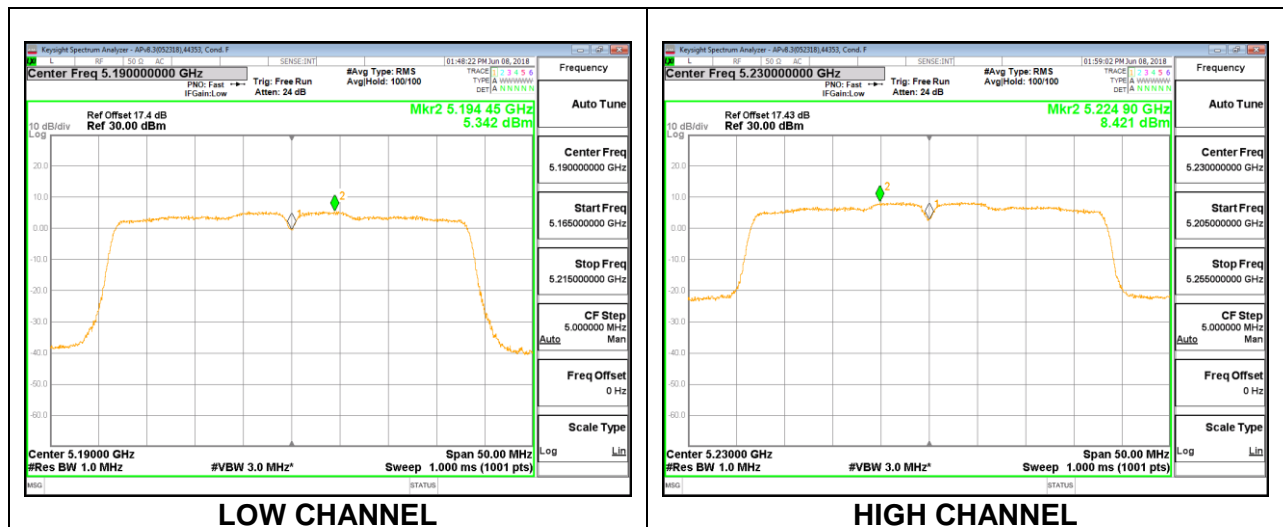
<b>Duty Cycle CF (dB)</b>	0.10	<b>Included in Calculations of Corr'd PSD</b>
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**Output Power Results**

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	17.80	17.80	24.00	-6.20
High	5230	19.46	19.46	24.00	-4.54

**PSD Results**

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5190	5.34	5.44	11.00	-5.56
High	5230	8.42	8.52	11.00	-2.48



**2TX Antenna 4 + ANTENNA 5 CDD MODE MOBILE**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5190	-5.15	-2.14	24.00	11.00
High	5230	-5.15	-2.14	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.10	<b>Included in Calculations of Corr'd PSD</b>
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**Output Power Results**

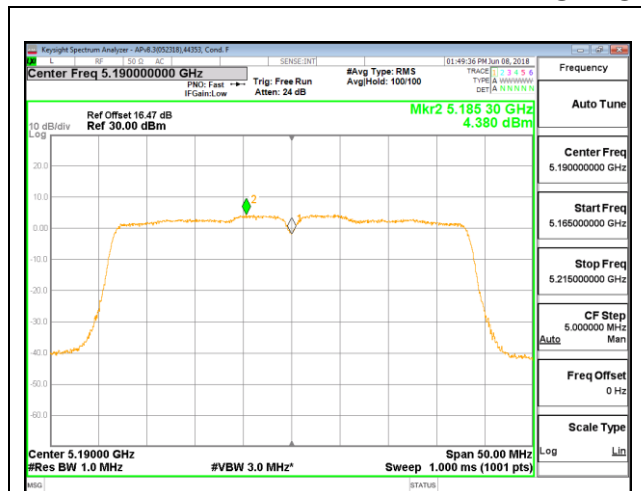
Channel	Frequency (MHz)	Ant 4 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5190	16.88	16.83	19.87	24.00	-4.13
High	5230	19.36	19.42	22.40	24.00	-1.60

**PSD Results**

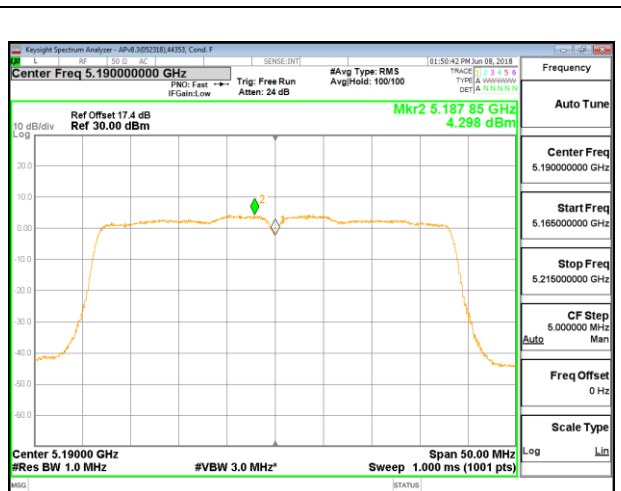
Channel	Frequency (MHz)	Ant 4 Meas PSD (dBm/ 1MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5190	4.38	4.30	7.45	11.00	-3.55
High	5230	6.22	6.33	9.38	11.00	-1.62



### LOW CHANNEL

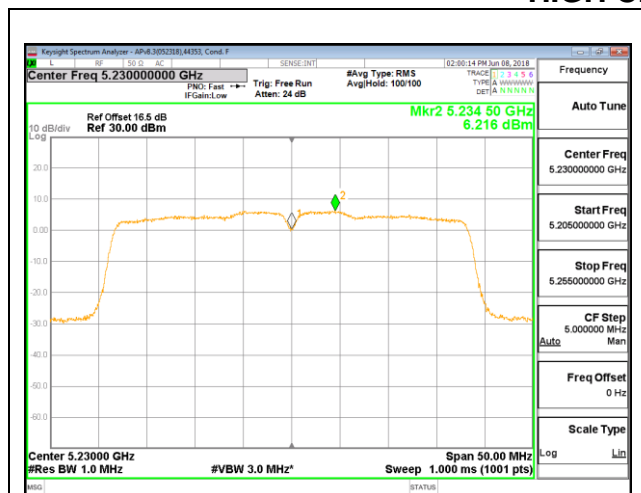


LOW CHANNEL ANTENNA 4

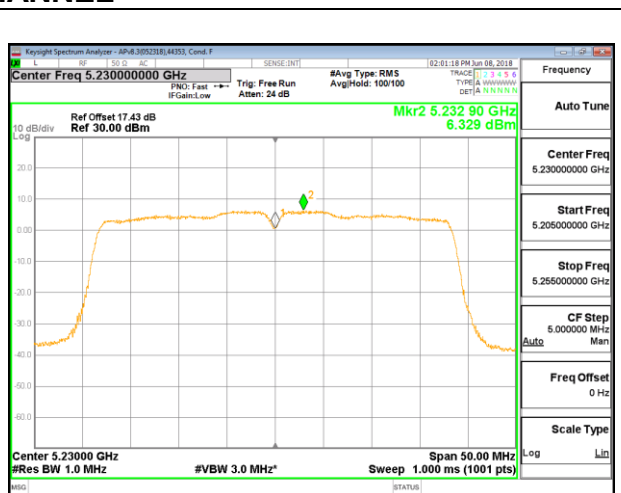


LOW CHANNEL ANTENNA 5

### HIGH CHANNEL



HIGH CHANNEL ANTENNA 4



HIGH CHANNEL ANTENNA 5

### 8.5.3. 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

#### 1TX Antenna 4 MOBILE

##### Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-5.30	24.00	11.00

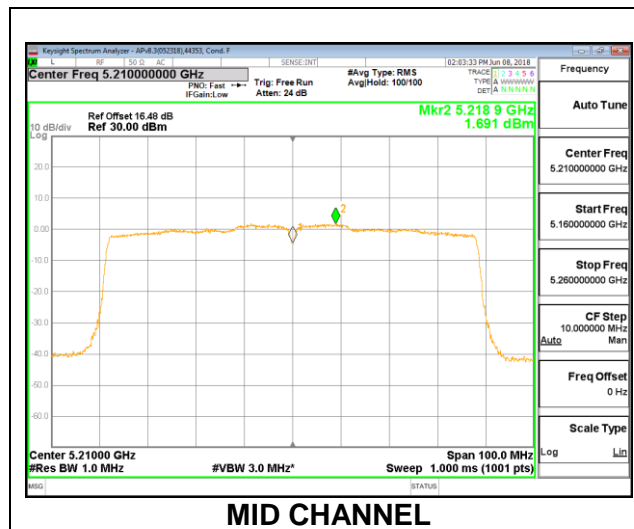
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd PSD
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##### Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	17.41	17.41	24.00	-6.59

##### PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	1.69	1.88	11.00	-9.12



**1TX ANTENNA 5 MOBILE**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5210	-5.00	24.00	11.00

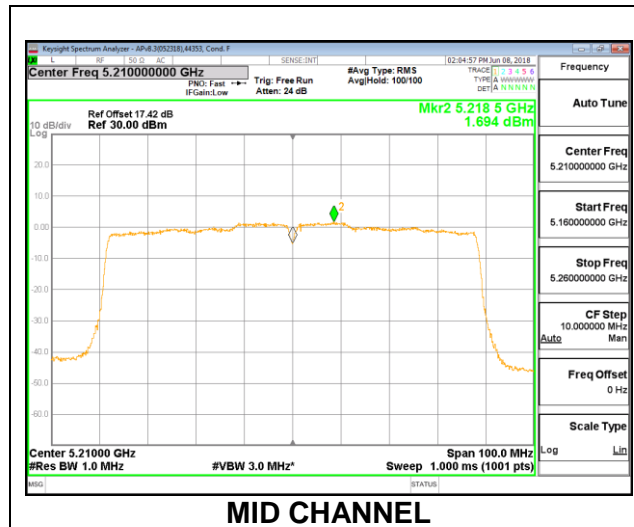
<b>Duty Cycle CF (dB)</b>	0.19	<b>Included in Calculations of Corr'd PSD</b>
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**Output Power Results**

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	17.43	17.43	24.00	-6.57

**PSD Results**

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5210	1.69	1.88	11.00	-9.12



**2TX Antenna 4 + ANTENNA 5 CDD MODE MOBILE**

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5210	-5.15	-2.14	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.19	<b>Included in Calculations of Corr'd PSD</b>
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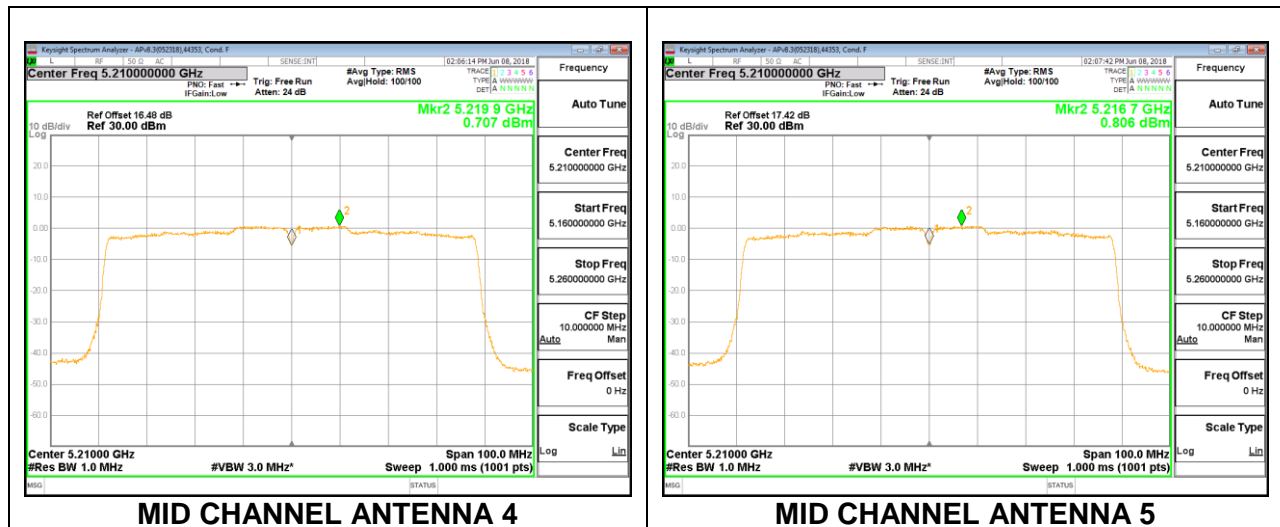
**Output Power Results**

Channel	Frequency (MHz)	Ant 4 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5210	16.38	16.44	19.42	24.00	-4.58

**PSD Results**

Channel	Frequency (MHz)	Ant 4 Meas PSD (dBm/1MHz)	Ant 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5210	0.71	0.81	3.96	11.00	-7.04

**MID CHANNEL**



**8.5.4. 802.11n HT20 MODE IN THE 5.3 GHz BAND**

**1TX Antenna 4**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	22.20	-5.00	24.00	11.00
Mid	5300	22.15	-5.00	24.00	11.00
High	5320	22.30	-5.00	24.00	11.00

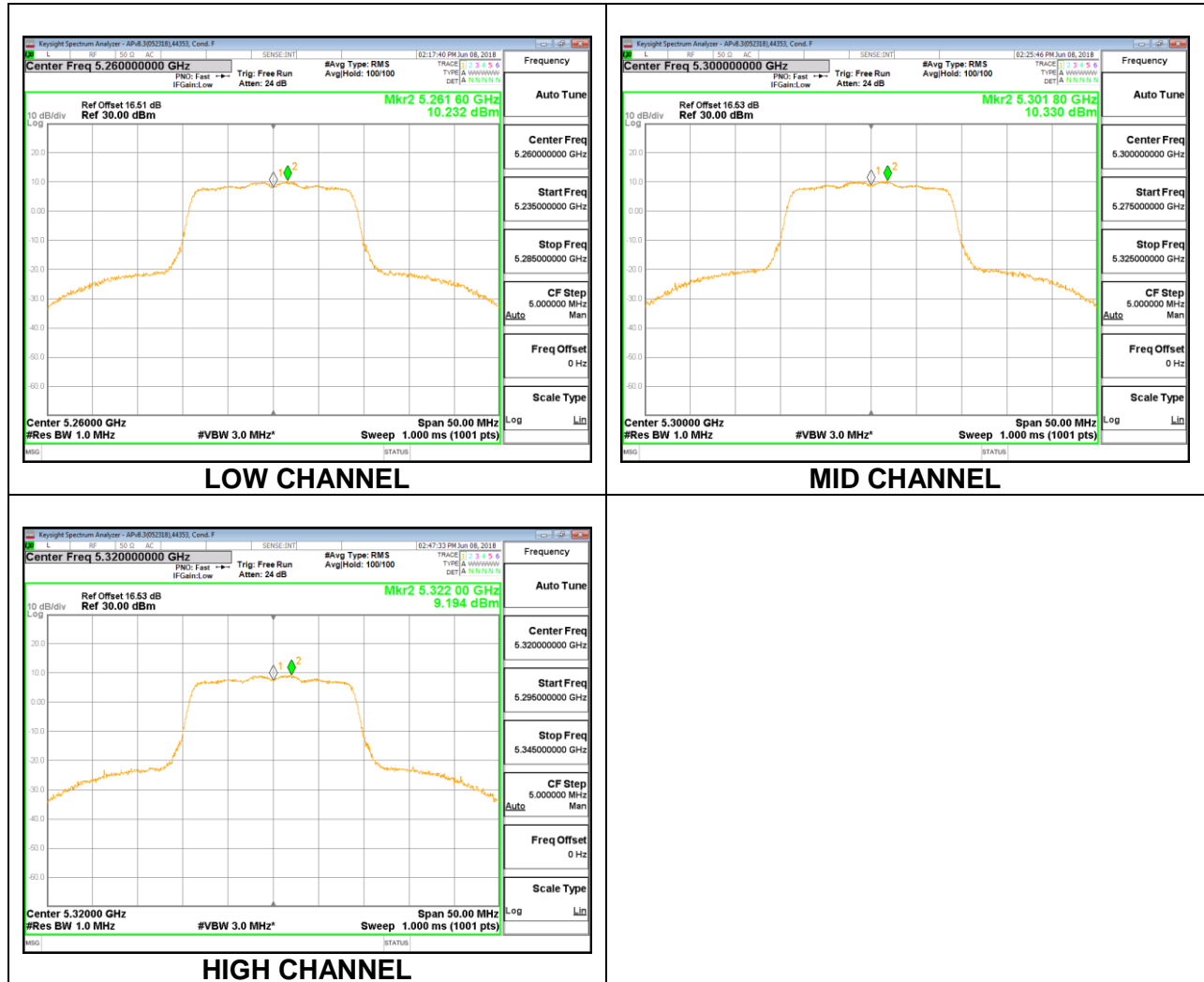
<b>Duty Cycle CF (dB)</b>	0.00	<b>Included in Calculations of Corr'd PSD</b>
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**Output Power Results**

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	20.89	20.89	24.00	-3.11
Mid	5300	20.95	20.95	24.00	-3.05
High	5320	18.87	18.87	24.00	-5.13

**PSD Results**

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	10.23	10.23	11.00	-0.77
Mid	5300	10.33	10.33	11.00	-0.67
High	5320	9.19	9.19	11.00	-1.81



**1TX ANTENNA 5**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	21.95	-5.20	24.00	11.00
Mid	5300	21.95	-5.20	24.00	11.00
High	5320	21.95	-5.20	24.00	11.00

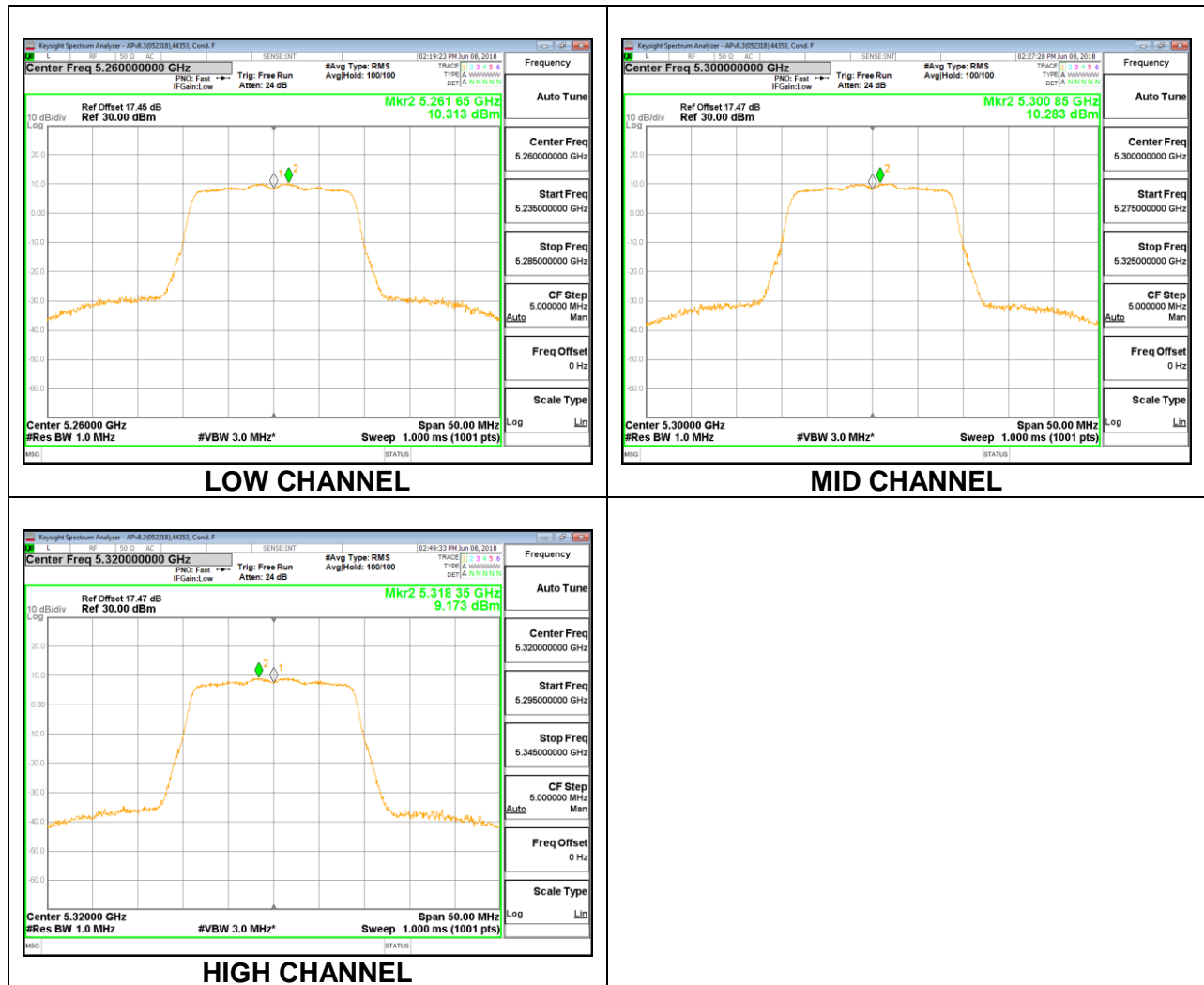
<b>Duty Cycle CF (dB)</b>	0.00	<b>Included in Calculations of Corr'd PSD</b>
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**Output Power Results**

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	20.92	20.92	24.00	-3.08
Mid	5300	20.87	20.87	24.00	-3.13
High	5320	18.81	18.81	24.00	-5.19

**PSD Results**

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	10.31	10.31	11.00	-0.69
Mid	5300	10.28	10.28	11.00	-0.72
High	5320	9.17	9.17	11.00	-1.83





**2TX Antenna 4 + ANTENNA 5 CDD MODE**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5260	21.50	-5.10	-2.09	24.00	11.00
Mid	5300	21.55	-5.10	-2.09	24.00	11.00
High	5320	21.50	-5.10	-2.09	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.00	<b>Included in Calculations of Corr'd PSD</b>
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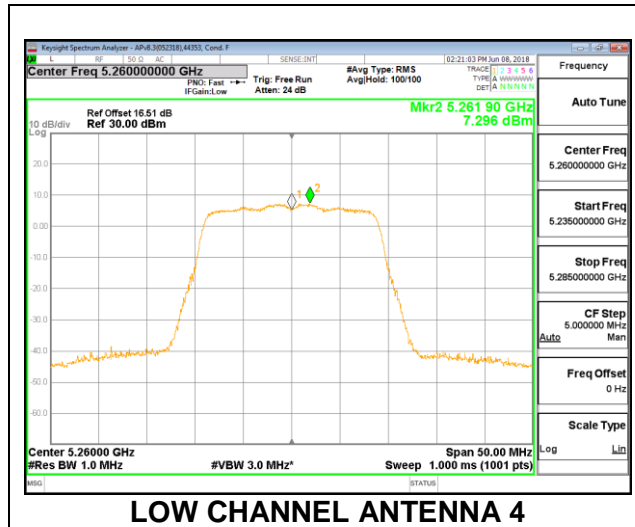
**Output Power Results**

Channel	Frequency (MHz)	Ant 4 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	17.90	17.86	20.89	24.00	-3.11
Mid	5300	17.96	17.80	20.89	24.00	-3.11
High	5320	17.88	17.91	20.91	24.00	-3.09

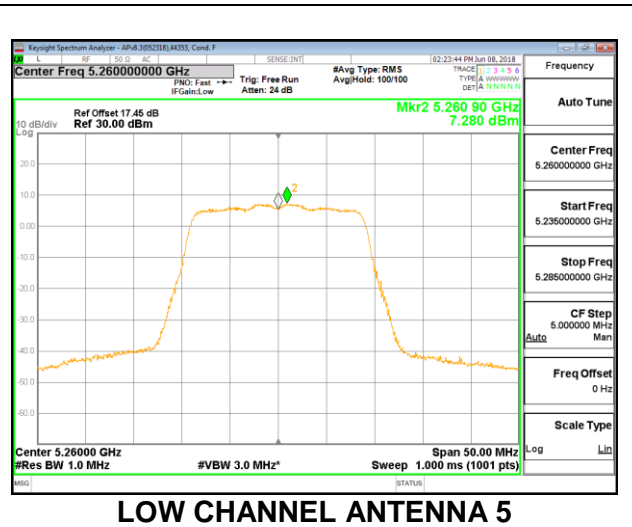
**PSD Results**

Channel	Frequency (MHz)	Ant 4 Meas PSD (dBm/1MHz)	Ant 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5260	7.30	7.28	10.30	11.00	-0.70
Mid	5300	7.40	7.22	10.32	11.00	-0.68
High	5320	7.29	7.29	10.30	11.00	-0.70

### LOW CHANNEL

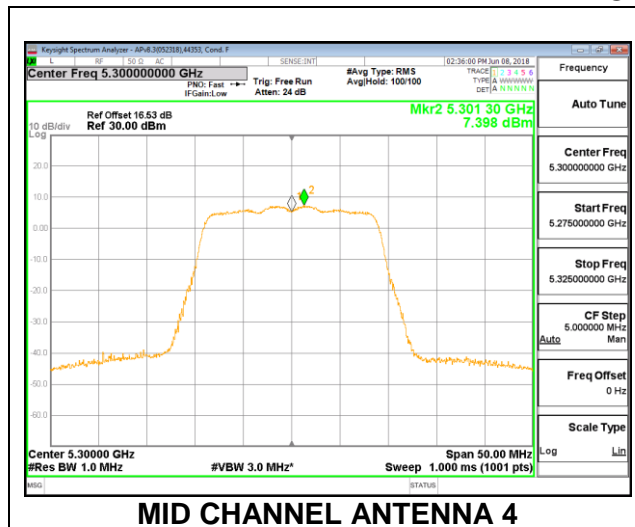


LOW CHANNEL ANTENNA 4

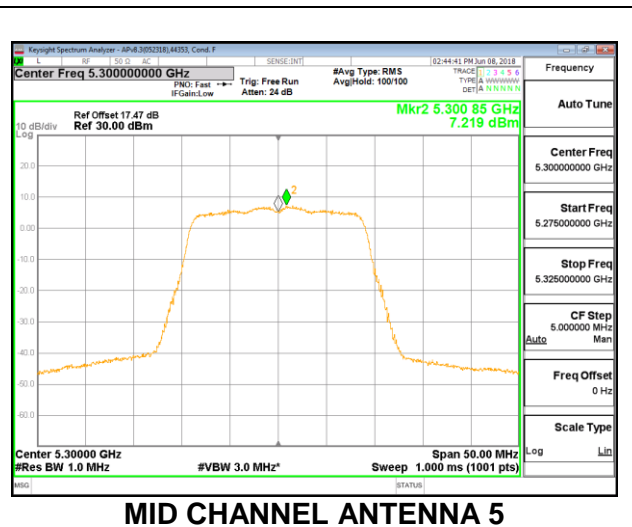


LOW CHANNEL ANTENNA 5

### MID CHANNEL

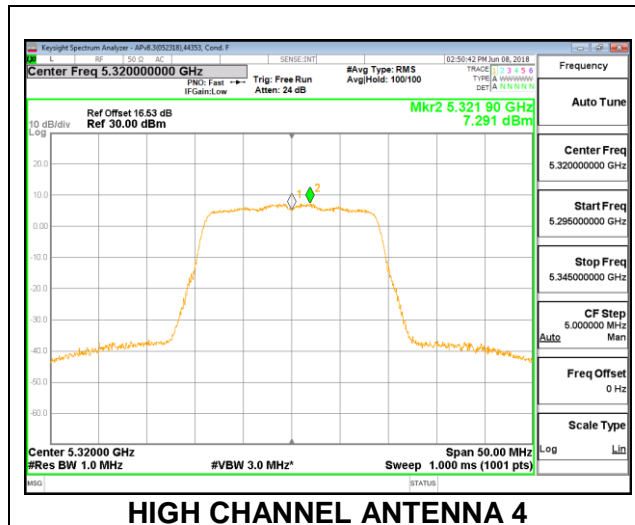


MID CHANNEL ANTENNA 4

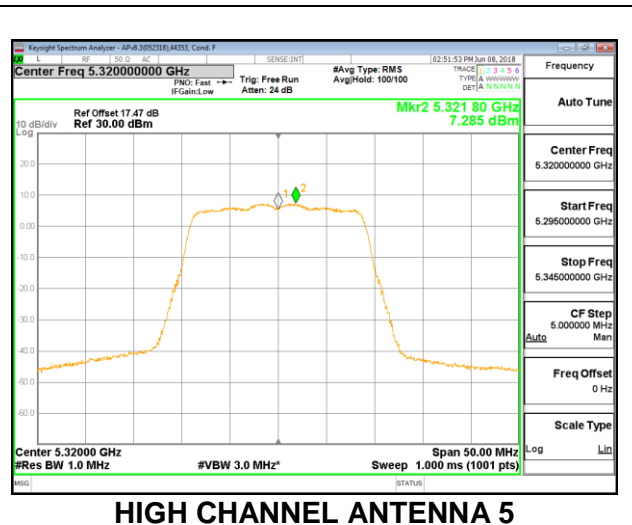


MID CHANNEL ANTENNA 5

### HIGH CHANNEL



HIGH CHANNEL ANTENNA 4



HIGH CHANNEL ANTENNA 5

**8.5.5. 802.11n HT40 MODE IN THE 5.3 GHz BAND**

**1TX Antenna 4**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	40.50	-5.00	24.00	11.00
High	5310	40.70	-5.00	24.00	11.00

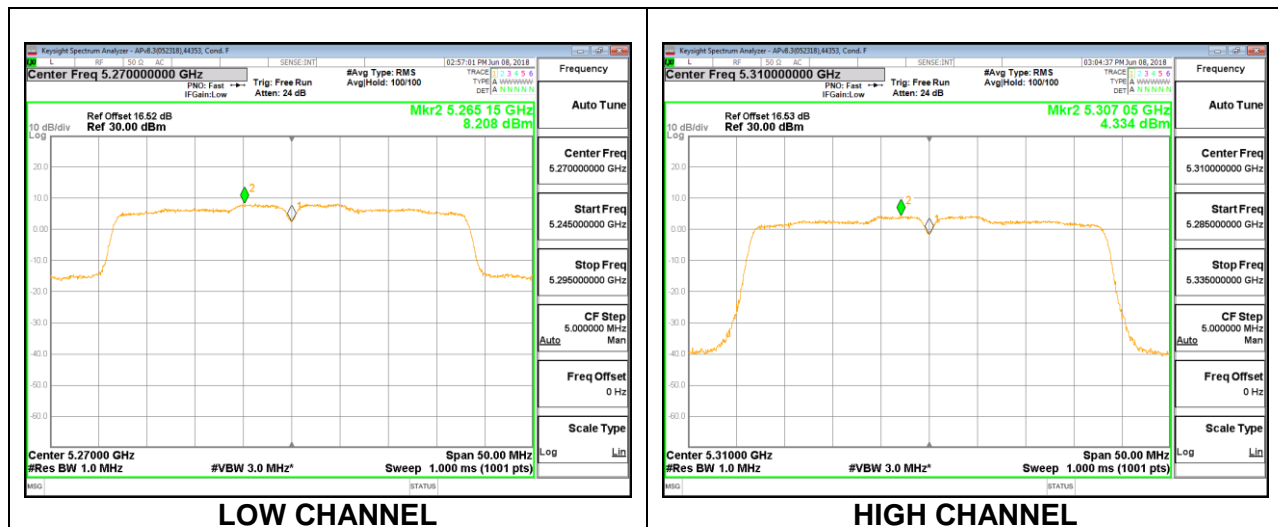
<b>Duty Cycle CF (dB)</b>	0.10	<b>Included in Calculations of Corr'd PSD</b>
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**Output Power Results**

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	19.43	19.43	24.00	-4.57
High	5310	17.91	17.91	24.00	-6.09

**PSD Results**

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.21	8.31	11.00	-2.69
High	5310	4.33	4.43	11.00	-6.57



**1TX ANTENNA 5**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	40.50	-5.20	24.00	11.00
High	5310	40.40	-5.20	24.00	11.00

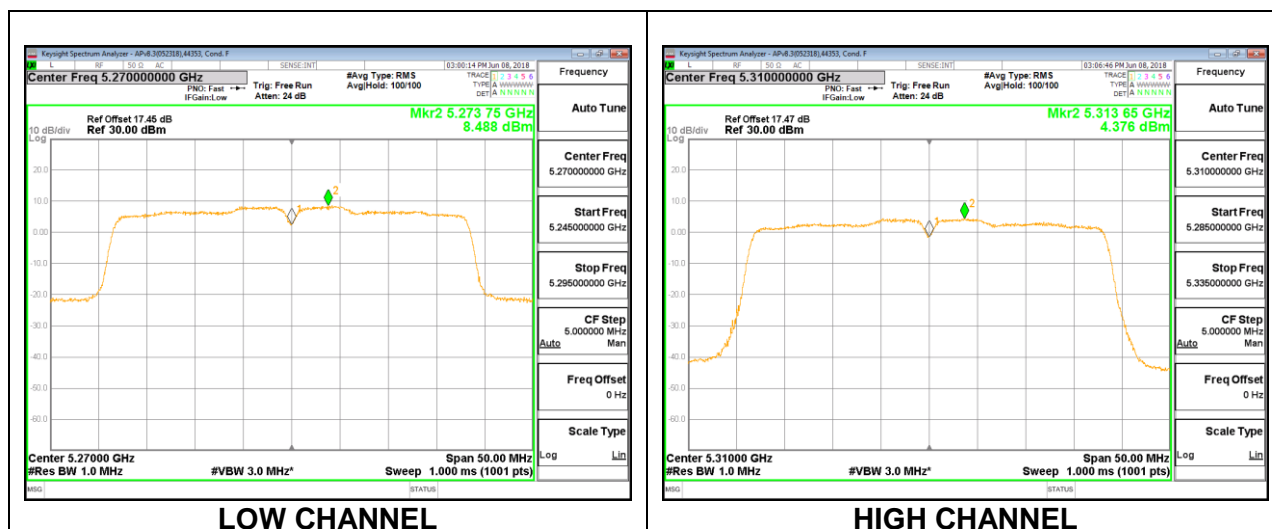
<b>Duty Cycle CF (dB)</b>	0.10	<b>Included in Calculations of Corr'd PSD</b>
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**Output Power Results**

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	19.44	19.44	24.00	-4.56
High	5310	17.89	17.89	24.00	-6.11

**PSD Results**

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	8.49	8.59	11.00	-2.41
High	5310	4.38	4.48	11.00	-6.52



**2TX Antenna 4 + ANTENNA 5 CDD MODE**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5270	40.10	-5.10	-2.09	24.00	11.00
High	5310	40.00	-5.10	-2.09	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.10	<b>Included in Calculations of Corr'd PSD</b>
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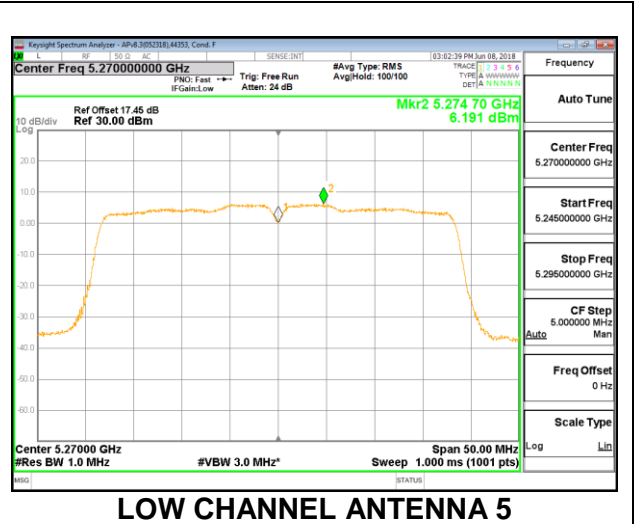
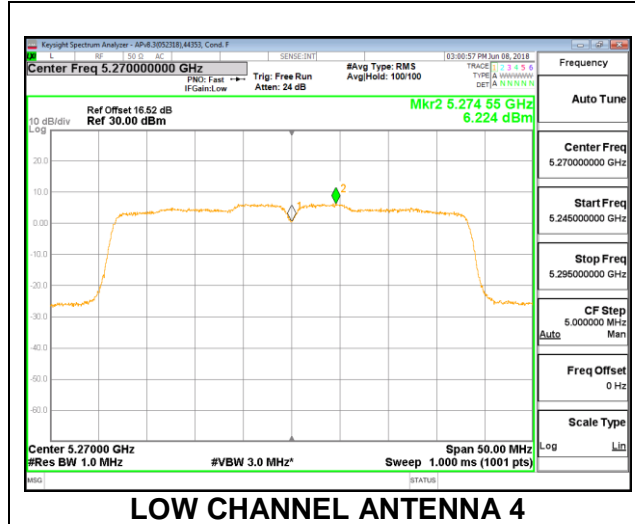
**Output Power Results**

Channel	Frequency (MHz)	Ant 4 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5270	19.44	19.40	22.43	24.00	-1.57
High	5310	16.90	16.97	19.95	24.00	-4.05

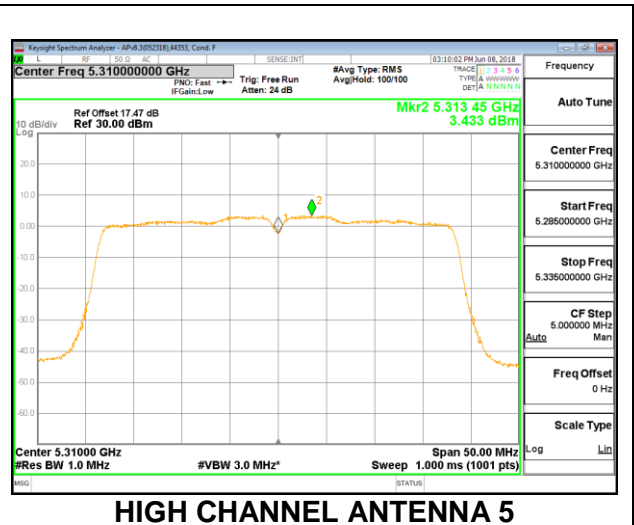
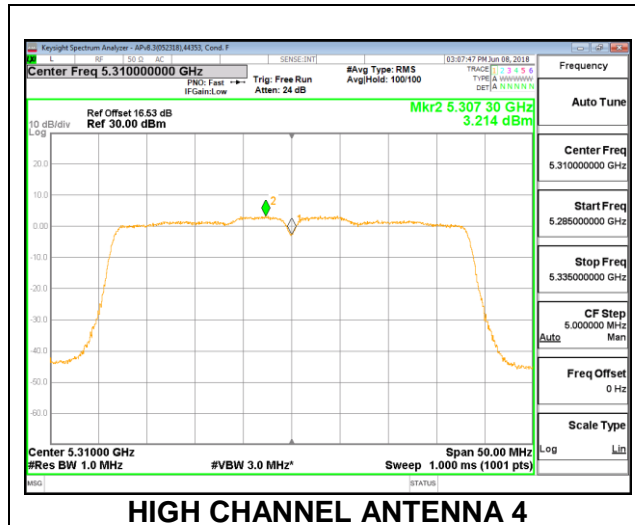
**PSD Results**

Channel	Frequency (MHz)	Ant 4 Meas PSD (dBm/1MHz)	Ant 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5270	6.22	6.19	9.32	11.00	-1.68
High	5310	3.21	3.43	6.44	11.00	-4.56

**LOW CHANNEL**



**HIGH CHANNEL**



**8.5.6. 802.11ac VHT80 MODE IN THE 5.3 GHz BAND**

**1TX Antenna 4**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	82.40	-5.00	24.00	11.00

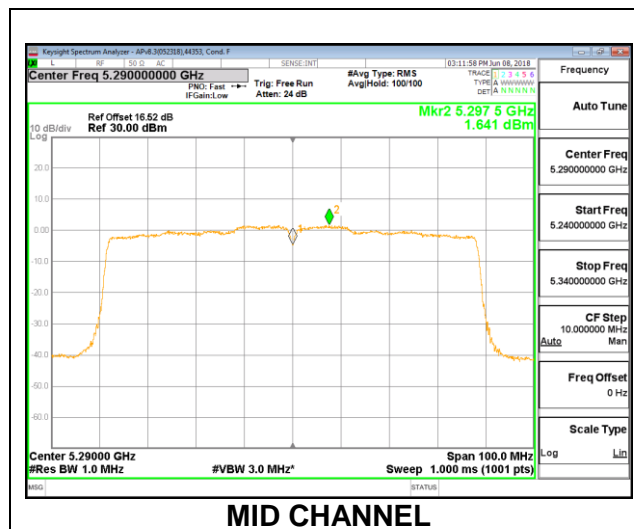
<b>Duty Cycle CF (dB)</b>	0.19	<b>Included in Calculations of Corr'd PSD</b>
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**Output Power Results**

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	17.40	17.40	24.00	-6.60

**PSD Results**

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	1.64	1.83	11.00	-9.17



**1TX ANTENNA 5**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	82.40	-5.20	24.00	11.00

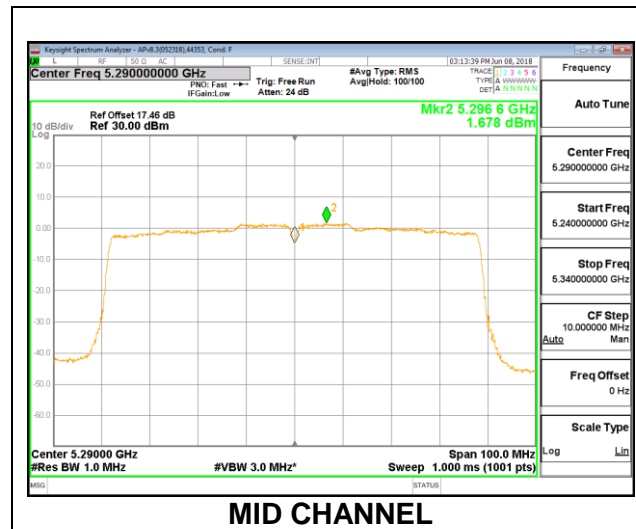
<b>Duty Cycle CF (dB)</b>	0.19	<b>Included in Calculations of Corr'd PSD</b>
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**Output Power Results**

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	17.42	17.42	24.00	-6.58

**PSD Results**

Channel	Frequency (MHz)	Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	1.678	1.87	11.00	-9.13



**MID CHANNEL**



**2TX Antenna 4 + ANTENNA 5 CDD MODE**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5290	82.00	-5.10	-2.09	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.19	<b>Included in Calculations of Corr'd PSD</b>
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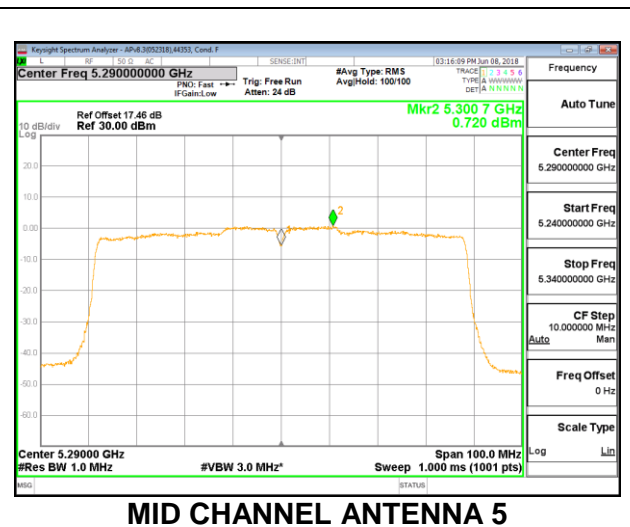
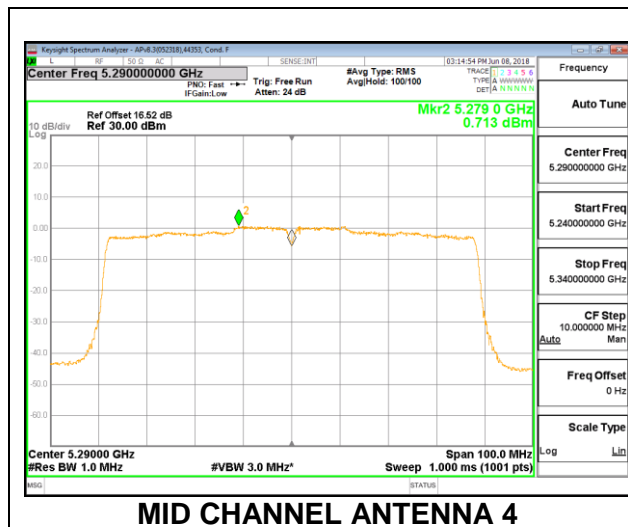
**Output Power Results**

Channel	Frequency (MHz)	Ant 4 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5290	16.39	16.43	19.42	24.00	-4.58

**PSD Results**

Channel	Frequency (MHz)	Ant 4 Meas PSD (dBm/1MHz)	Ant 5 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5290	0.71	0.72	3.92	11.00	-7.08

**MID CHANNEL**



**8.5.7. 802.11n HT20 MODE IN THE 5.6 GHz BAND**

**1TX Antenna 4**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5500	22.05	-3.8	24.00	11.00
Mid	5580	21.90	-3.8	24.00	11.00
High	5700	22.05	-3.8	24.00	11.00
144	5720	21.85	-3.80	24.00	11.00

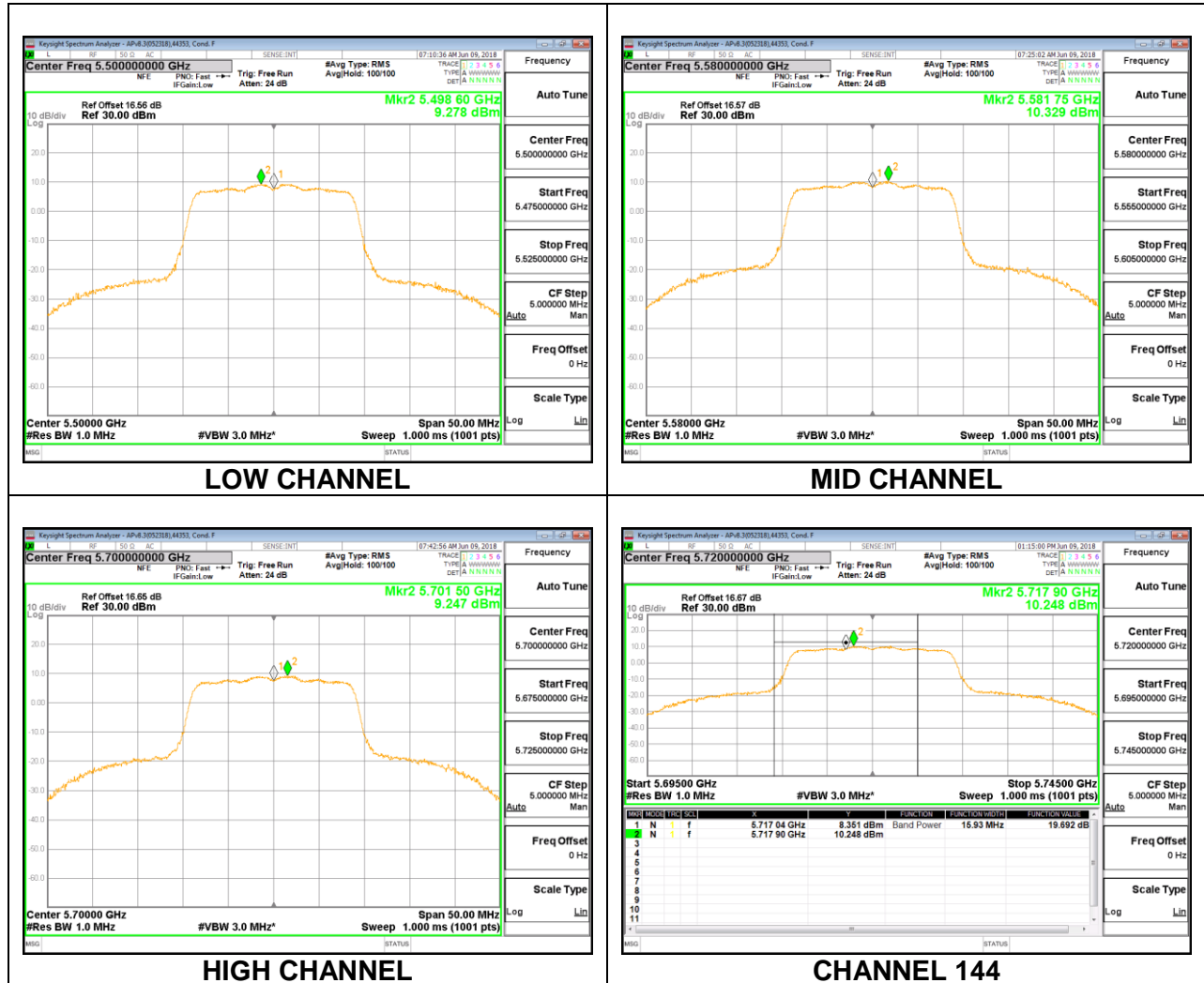
<b>Duty Cycle CF (dB)</b>	0.00	<b>Included in Calculations of Corr'd Power (Ch 144) &amp; PSD</b>
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**Output Power Results**

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.93	18.93	24.00	-5.07
Mid	5580	20.86	20.86	24.00	-3.14
High	5700	18.92	18.92	24.00	-5.08
144	5720	19.69	19.69	24.00	-4.31

**PSD Results**

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	9.28	9.28	11.00	-1.72
Mid	5580	10.33	10.33	11.00	-0.67
High	5700	9.25	9.25	11.00	-1.75
144	5720	10.25	10.25	11.00	-0.75



**1TX ANTENNA 5**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5500	21.85	-3.90	24.00	11.00
Mid	5580	22.05	-3.90	24.00	11.00
High	5700	21.95	-3.90	24.00	11.00
144	5720	21.95	-3.90	24.00	11.00

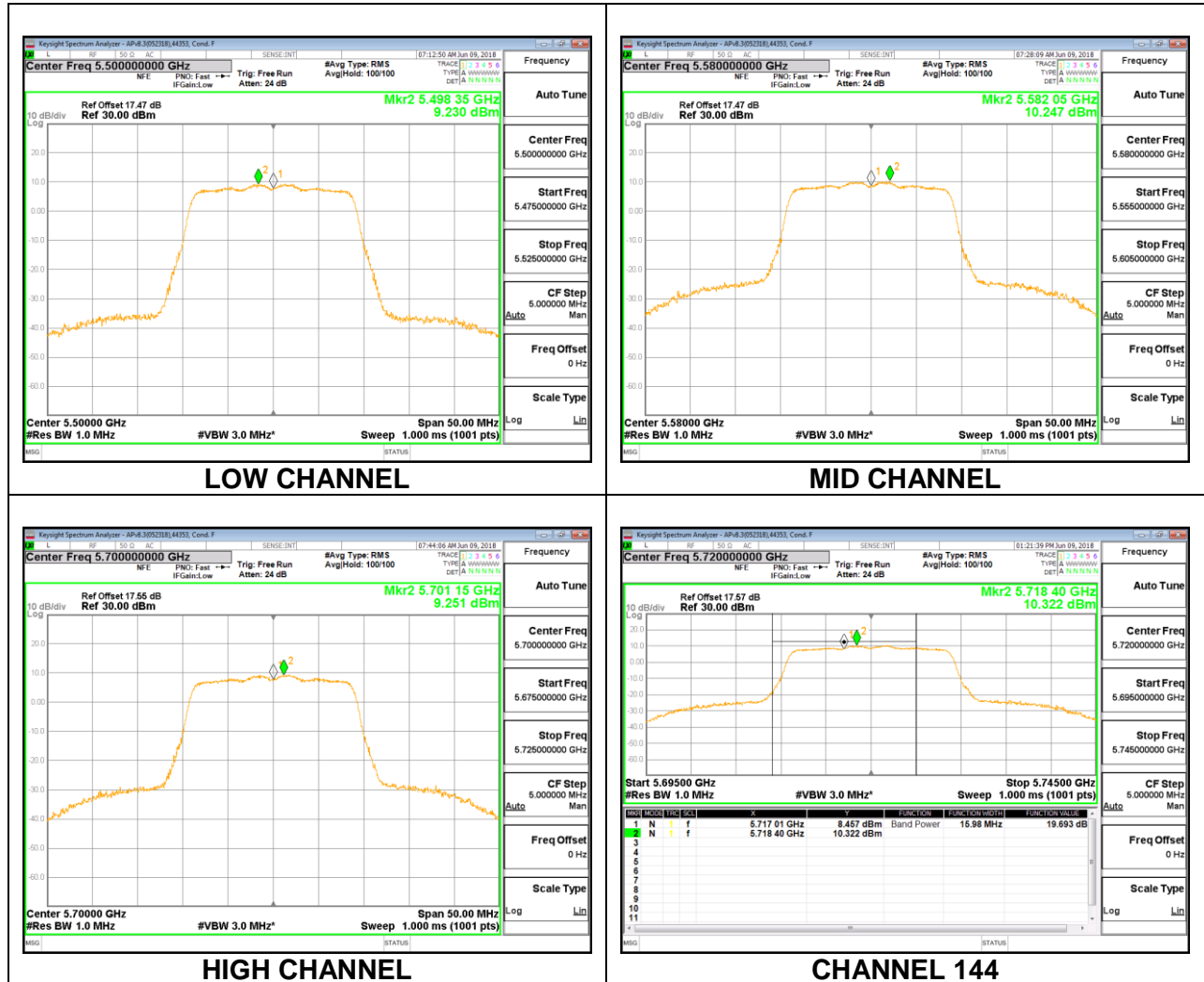
<b>Duty Cycle CF (dB)</b>	0.00	<b>Included in Calculations of Corr'd Power (Ch 144) &amp; PSD</b>
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**Output Power Results**

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	18.87	18.87	24.00	-5.13
Mid	5580	20.88	20.88	24.00	-3.12
High	5700	18.90	18.90	24.00	-5.10
144	5720	19.69	19.69	24.00	-4.31

**PSD Results**

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	9.23	9.23	11.00	-1.77
Mid	5580	10.25	10.25	11.00	-0.75
High	5700	9.25	9.25	11.00	-1.75
144	5720	10.32	10.32	11.00	-0.68



**2TX Antenna 4 + ANTENNA 5 CDD MODE**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5500	21.50	-3.85	-0.84	24.00	11.00
Mid	5580	21.45	-3.85	-0.84	24.00	11.00
High	5700	21.45	-3.85	-0.84	24.00	11.00
144	5720	21.50	-3.85	-0.84	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.00	<b>Included in Calculations of Corr'd Power (Ch 144) &amp; PSD</b>
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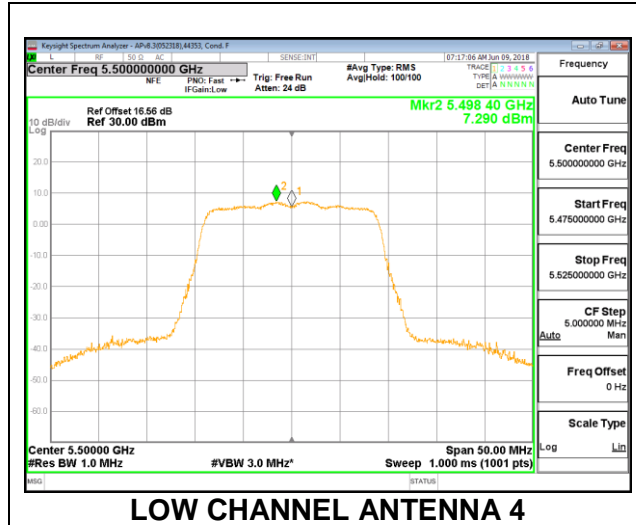
**Output Power Results**

Channel	Frequency (MHz)	Ant 4 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.88	17.92	20.91	24.00	-3.09
Mid	5580	17.95	17.90	20.94	24.00	-3.06
High	5700	17.84	17.84	20.85	24.00	-3.15
144	5720	16.81	16.66	19.75	24.00	-4.25

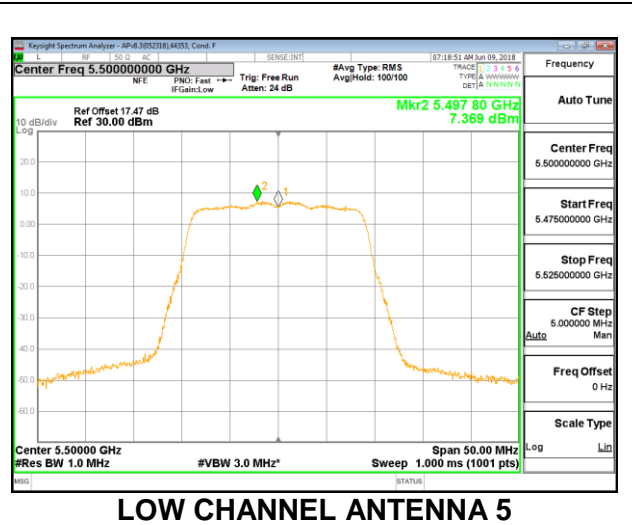
**PSD Results**

Channel	Frequency (MHz)	Ant 4 Meas PSD (dBm/ 1MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	7.29	7.37	10.34	11.00	-0.66
Mid	5580	7.41	7.34	10.38	11.00	-0.62
High	5700	7.25	7.21	10.24	11.00	-0.76
144	5720	7.14	7.06	10.11	11.00	-0.89

### LOW CHANNEL

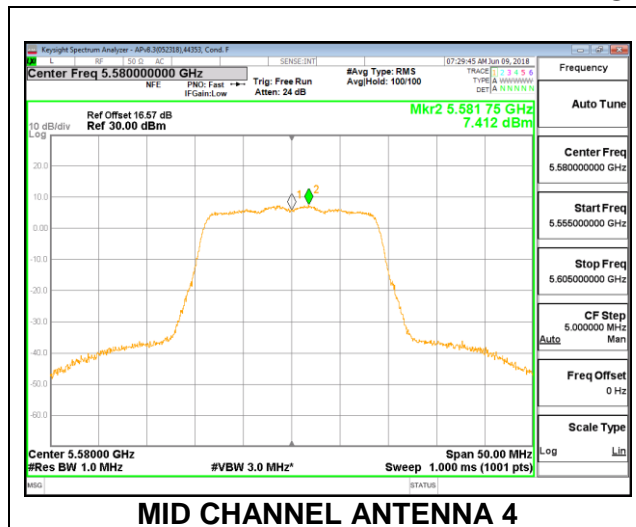


LOW CHANNEL ANTENNA 4

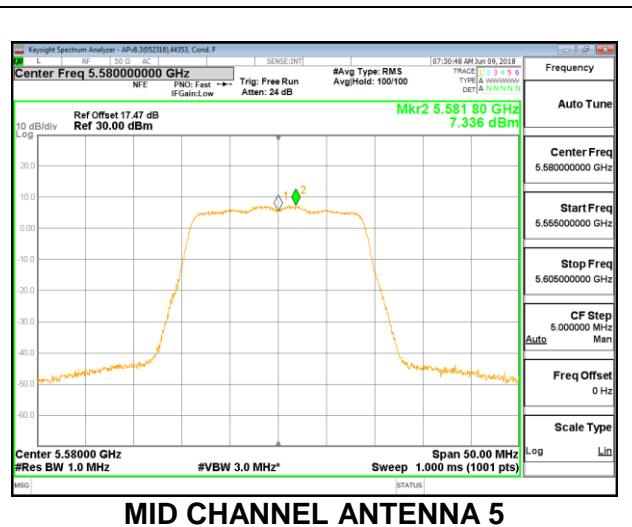


LOW CHANNEL ANTENNA 5

### MID CHANNEL

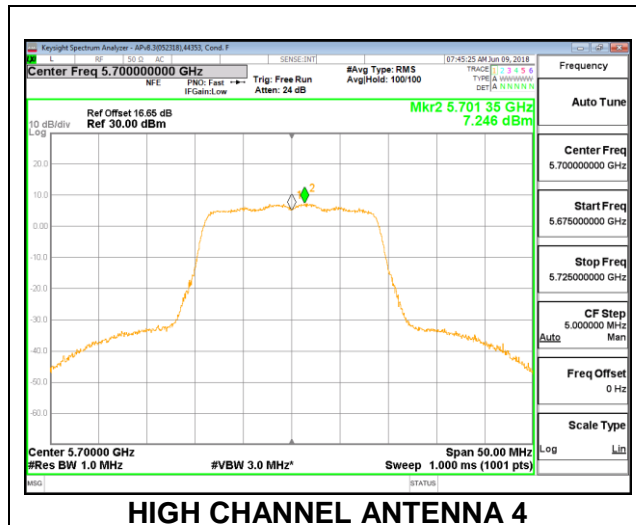


MID CHANNEL ANTENNA 4

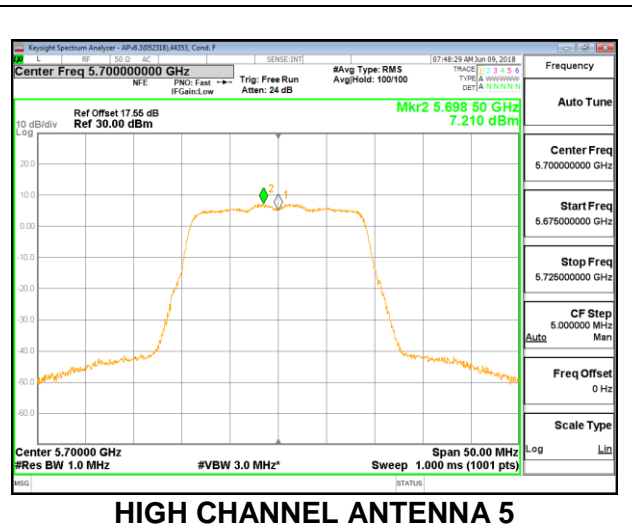


MID CHANNEL ANTENNA 5

### HIGH CHANNEL

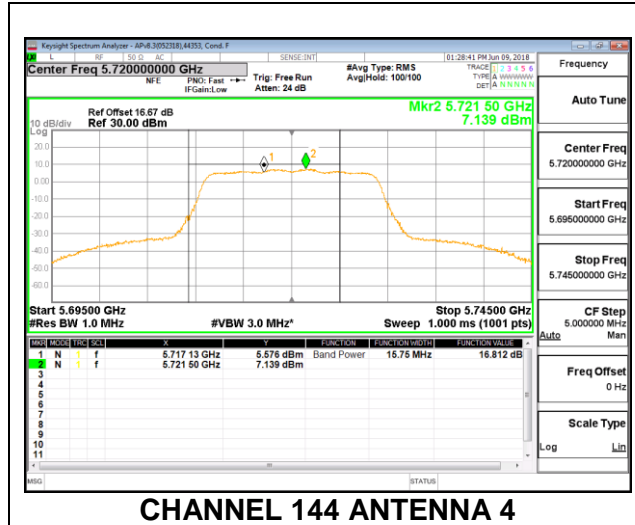


HIGH CHANNEL ANTENNA 4

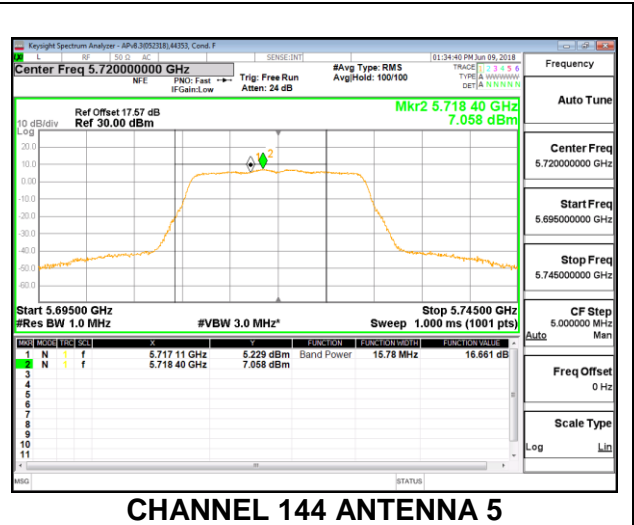


HIGH CHANNEL ANTENNA 5

**CHANNEL 144**



**CHANNEL 144 ANTENNA 4**



**CHANNEL 144 ANTENNA 5**



**8.5.8. 802.11n HT40 MODE IN THE 5.6 GHz BAND**

**1TX Antenna 4**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	40.60	-3.8	24.00	11.00
Mid	5550	40.70	-3.8	24.00	11.00
High	5670	40.70	-3.8	24.00	11.00
142	5710	40.60	-3.80	24.00	11.00

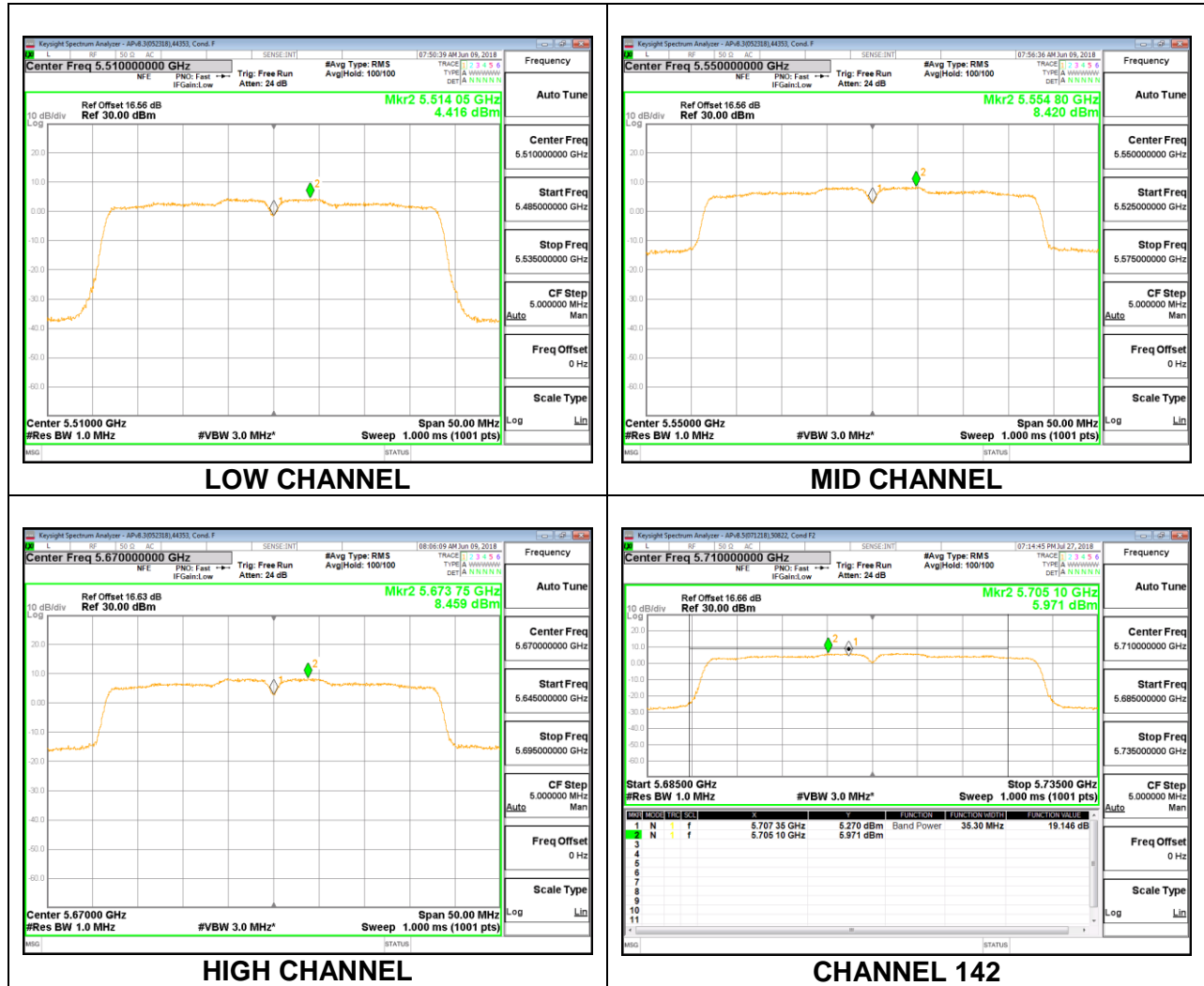
<b>Duty Cycle CF (dB)</b>	0.10	<b>Included in Calculations of Corr'd Power (Ch142) &amp; PSD</b>
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**Output Power Results**

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	17.92	17.92	24.00	-6.08
Mid	5550	19.40	19.40	24.00	-4.60
High	5670	19.43	19.43	24.00	-4.57
142	5710	19.15	19.25	24.00	-4.75

**PSD Results**

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	4.42	4.52	11.00	-6.48
Mid	5550	8.42	8.52	11.00	-2.48
High	5670	8.46	8.56	11.00	-2.44
142	5710	5.97	6.07	11.00	-4.93



**1TX ANTENNA 5**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	40.50	-3.90	24.00	11.00
Mid	5550	40.60	-3.90	24.00	11.00
High	5670	40.60	-3.90	24.00	11.00
142	5710	40.60	-3.90	24.00	11.00

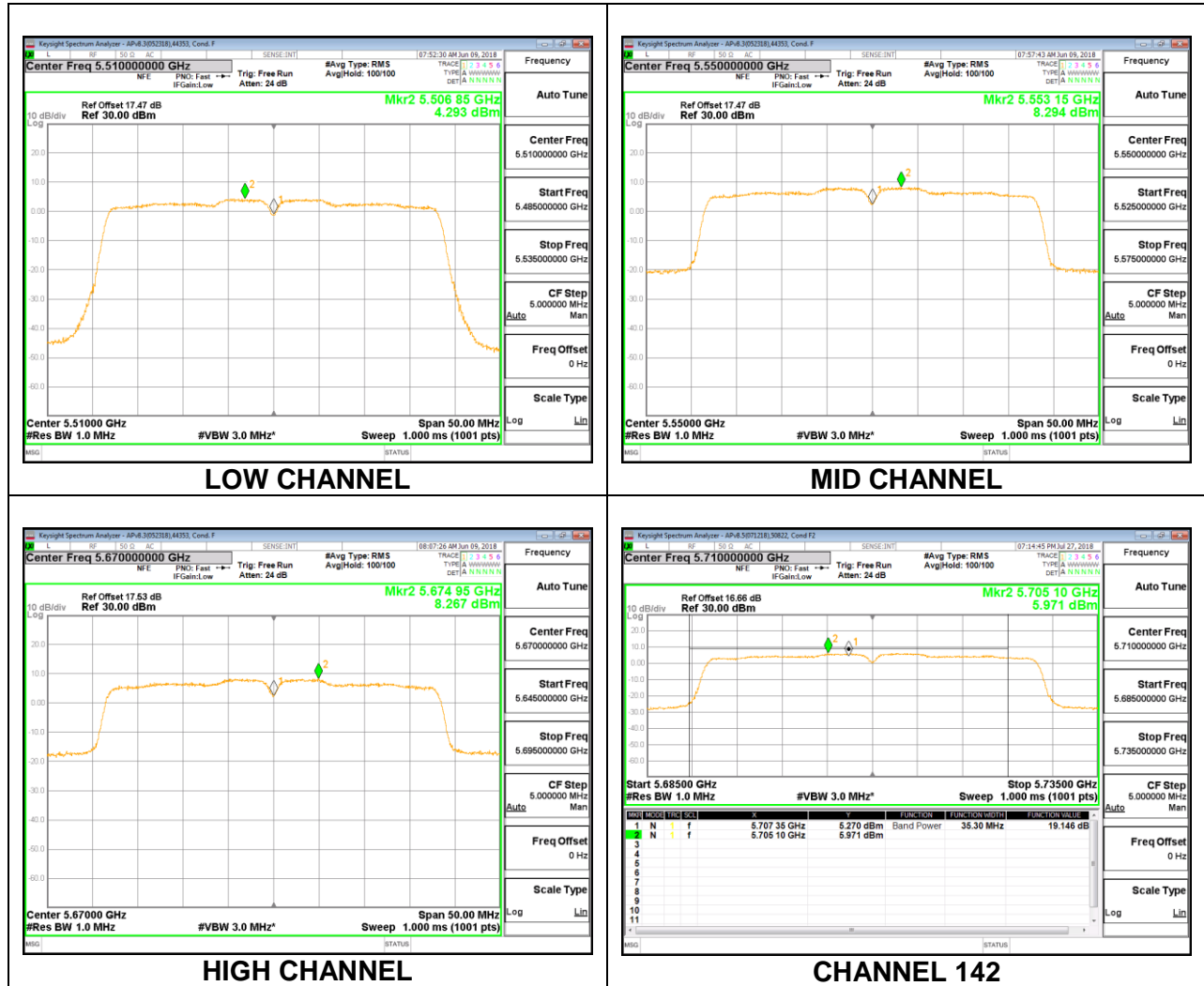
<b>Duty Cycle CF (dB)</b>	0.10	<b>Included in Calculations of Corr'd Power (Ch142) &amp; PSD</b>
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**Output Power Results**

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	17.90	17.90	24.00	-6.10
Mid	5550	19.41	19.41	24.00	-4.59
High	5670	19.38	19.38	24.00	-4.62
142	5710	19.15	19.25	24.00	-4.75

**PSD Results**

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	4.29	4.39	11.00	-6.61
Mid	5550	8.29	8.39	11.00	-2.61
High	5670	8.27	8.37	11.00	-2.63
142	5710	5.97	6.07	11.00	-4.93



**2TX Antenna 4 + ANTENNA 5 CDD MODE**

**Bandwidth, Antenna Gain, and Limits**

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	40.00	-3.85	-0.84	24.00	11.00
Mid	5550	40.10	-3.85	-0.84	24.00	11.00
High	5670	40.30	-3.85	-0.84	24.00	11.00
142	5710	40.00	-3.85	-0.84	24.00	11.00

<b>Duty Cycle CF (dB)</b>	0.10	<b>Included in Calculations of Corr'd Power (Ch 142) &amp; PSD</b>
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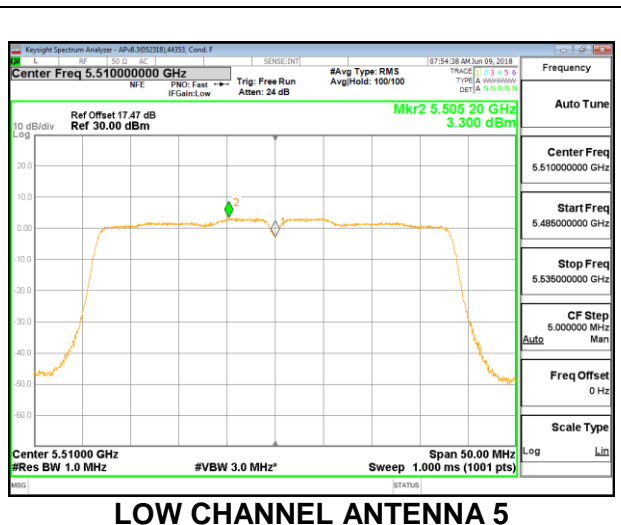
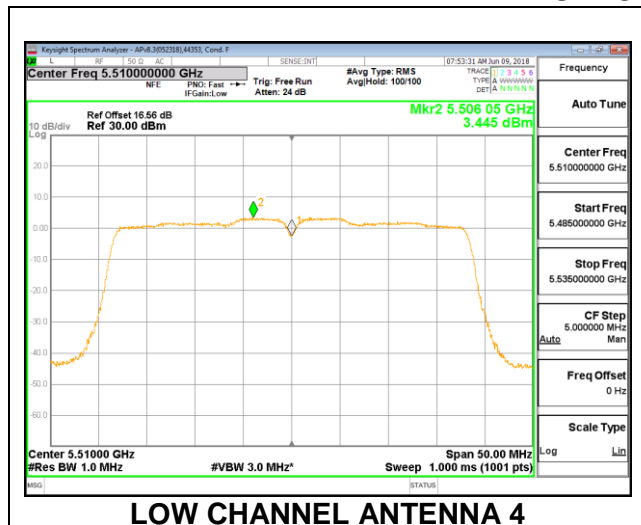
**Output Power Results**

Channel	Frequency (MHz)	Ant 4 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	16.94	16.87	19.92	24.00	-4.08
Mid	5550	19.45	19.46	22.47	24.00	-1.53
High	5670	19.40	19.38	22.40	24.00	-1.60
142	5710	19.18	19.16	22.28	24.00	-1.72

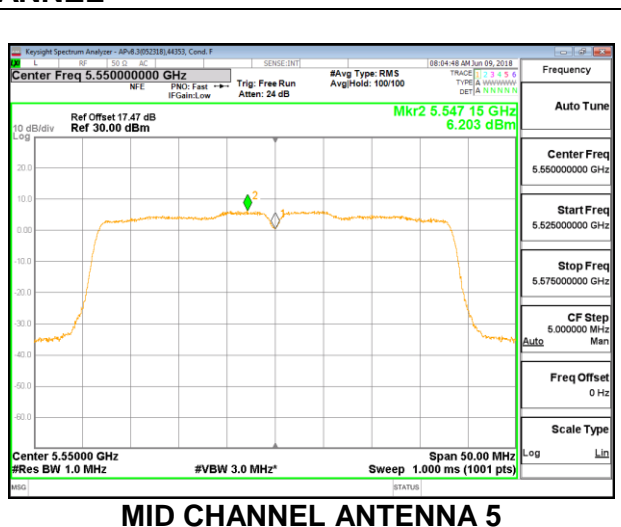
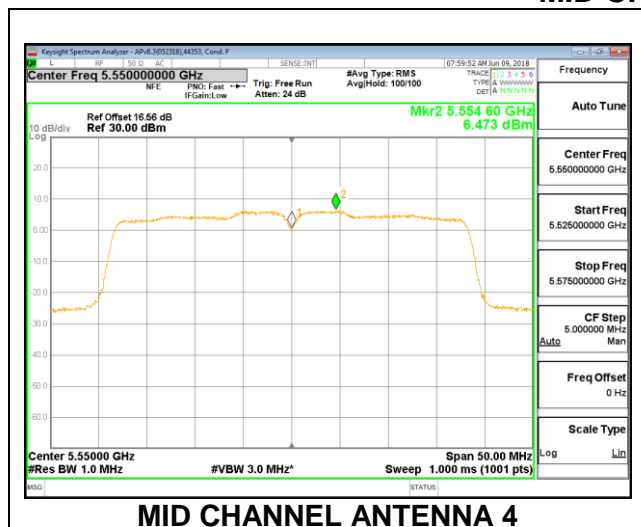
**PSD Results**

Channel	Frequency (MHz)	Ant 4 Meas PSD (dBm/ 1MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	3.45	3.30	6.48	11.00	-4.52
Mid	5550	6.47	6.20	9.45	11.00	-1.55
High	5670	6.39	6.39	9.50	11.00	-1.50
142	5710	6.14	6.33	9.35	11.00	-1.65

### LOW CHANNEL



### MID CHANNEL



### HIGH CHANNEL

