

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

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	20.40	-4.17	-1.25	24.00	11.00
Mid	5580	20.65	-4.17	-1.25	24.00	11.00
High	5700	20.50	-4.17	-1.25	24.00	11.00
144	5720	15.00	-4.17	-1.25	22.76	11.00

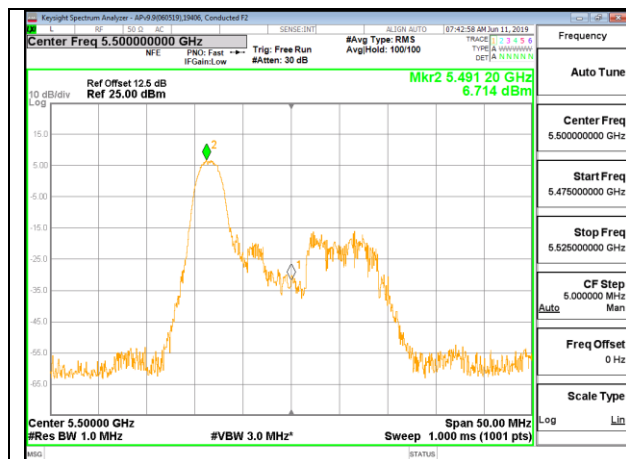
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

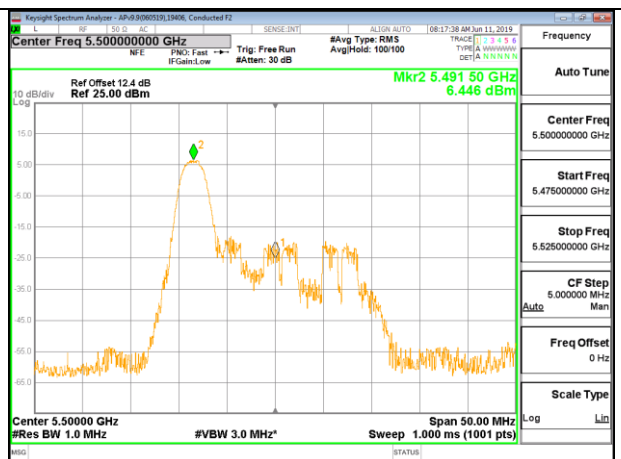
Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	8.71	8.64	11.69	24.00	-12.31
Mid	5580	8.63	8.67	11.66	24.00	-12.34
High	5700	8.59	8.61	11.61	24.00	-12.39
144	5720	8.75	8.72	11.75	22.76	-11.02

PSD Results

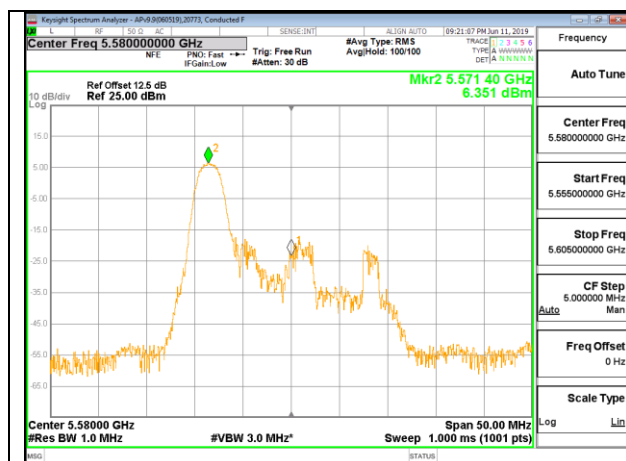
Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 1MHz)	Antenna 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	6.71	6.45	9.59	11.00	-1.41
Mid	5580	6.35	6.54	9.46	11.00	-1.54
High	5700	6.13	6.16	9.16	11.00	-1.84
144	5720	6.54	6.17	9.37	11.00	-1.63



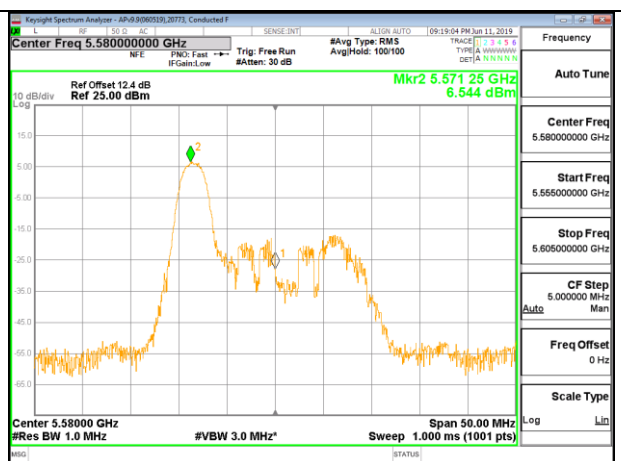
LOW CHANNEL ANT 6



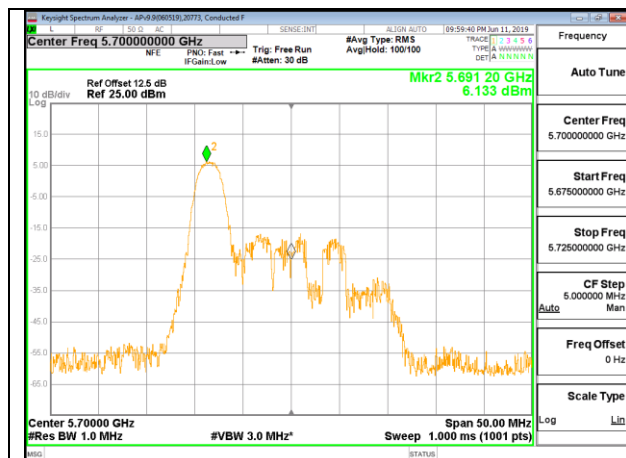
LOW CHANNEL ANT 5



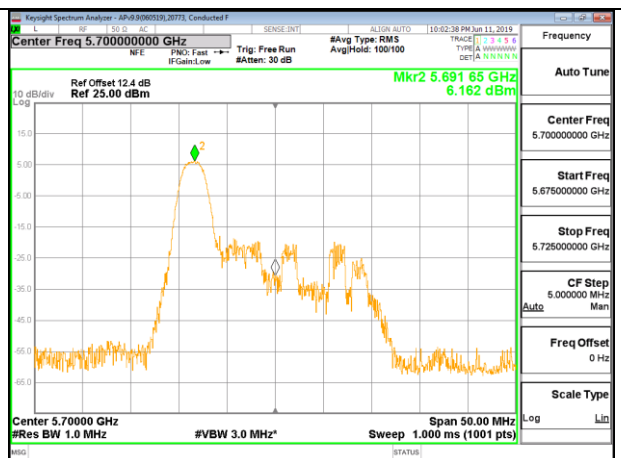
MID CHANNEL ANT 6



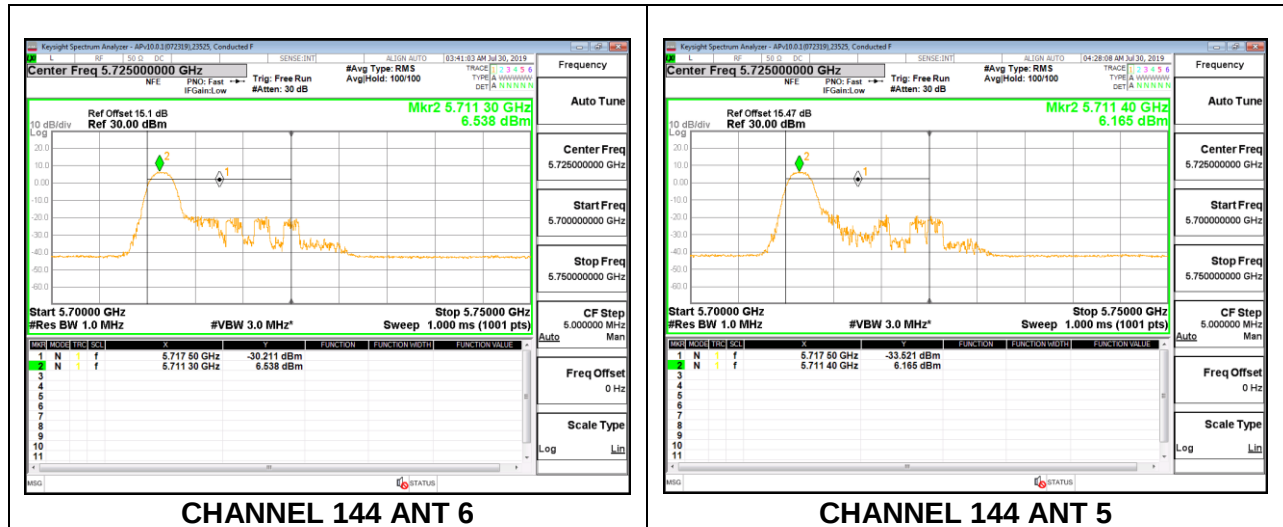
MID CHANNEL ANT 5



HIGH CHANNEL ANT 6



HIGH CHANNEL ANT 5



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

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	18.80	-4.17	-1.25	23.74	11.00
Mid	5580	18.60	-4.17	-1.25	23.70	11.00
High	5700	18.80	-4.17	-1.25	23.74	11.00
144	5720	14.43	-4.17	-1.25	22.59	11.00

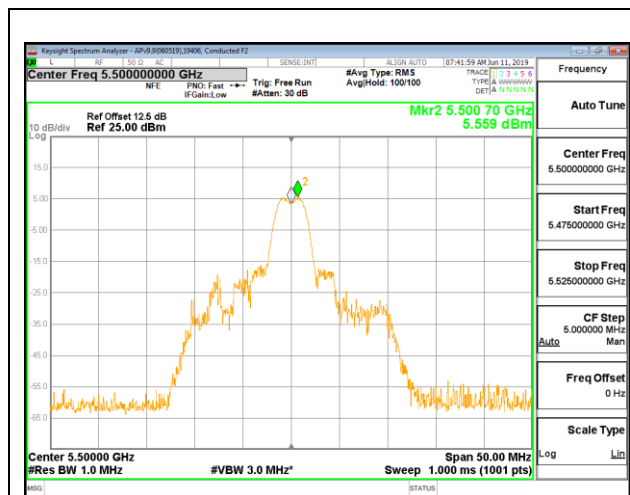
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

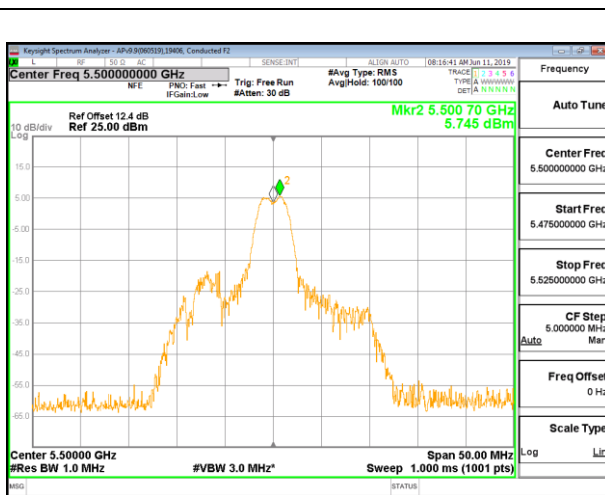
Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	8.61	8.71	11.67	23.74	-12.07
Mid	5580	8.59	8.57	11.59	23.70	-12.10
High	5700	8.56	8.66	11.62	23.74	-12.12
144	5720	8.75	8.67	11.72	22.59	-10.87

PSD Results

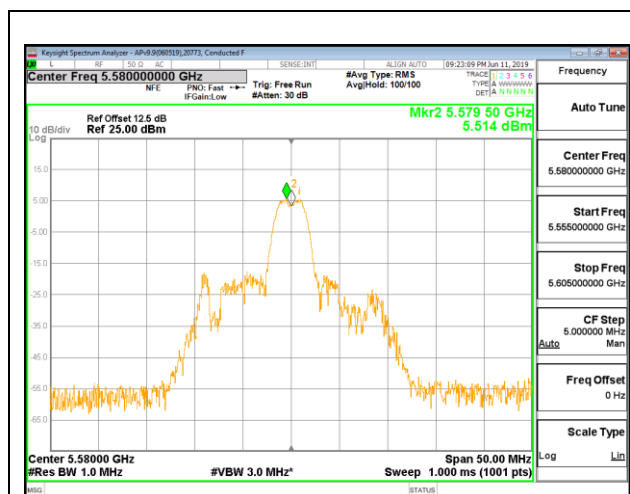
Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 1MHz)	Antenna 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	5.56	5.75	8.66	11.00	-2.34
Mid	5580	5.51	5.50	8.52	11.00	-2.48
High	5700	5.49	5.67	8.59	11.00	-2.41
144	5720	5.03	5.34	8.20	11.00	-2.80



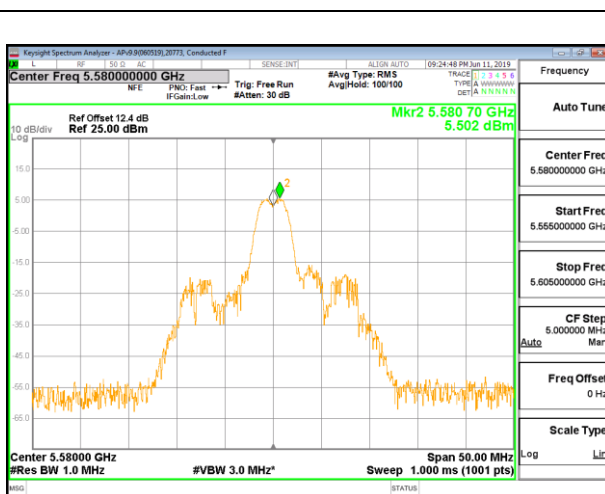
LOW CHANNEL ANT 6



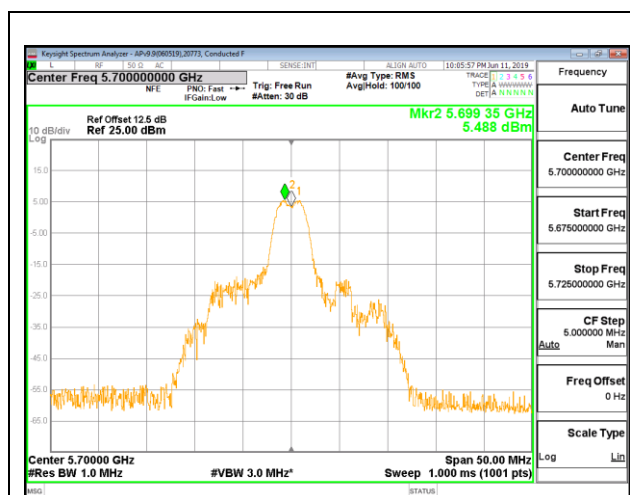
LOW CHANNEL ANT 5



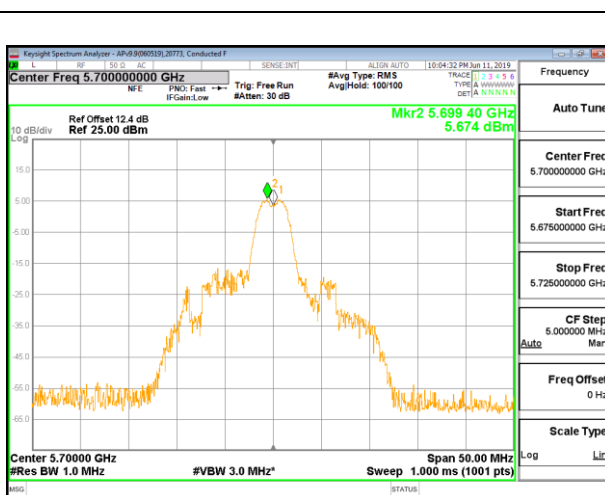
MID CHANNEL ANT 6



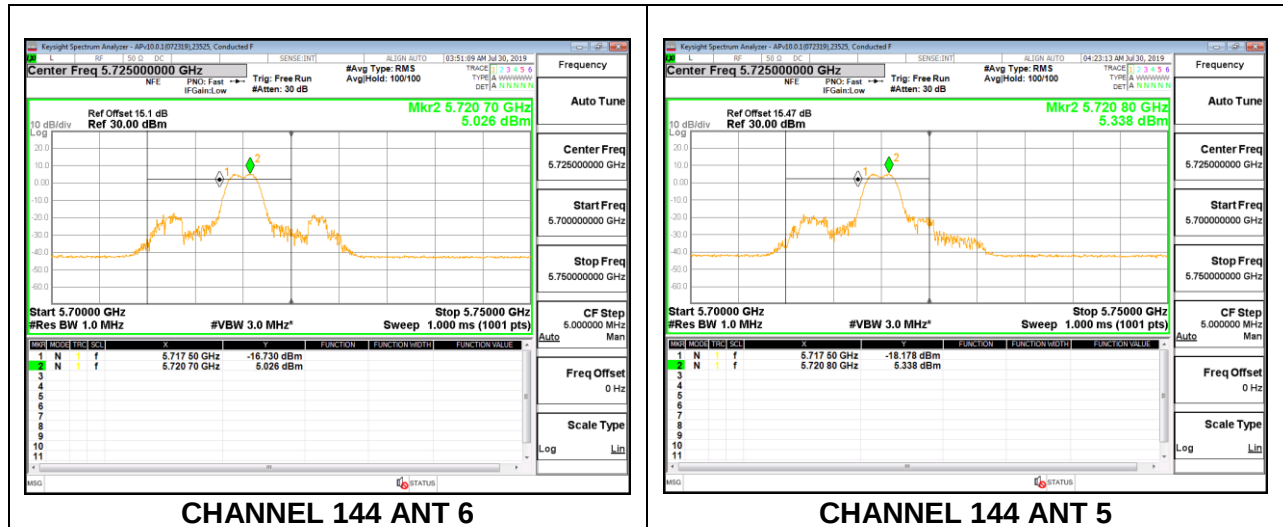
MID CHANNEL ANT 5



HIGH CHANNEL ANT 6



HIGH CHANNEL ANT 5



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

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	20.25	-4.17	-1.25	24.00	11.00
Mid	5580	20.25	-4.17	-1.25	24.00	11.00
High	5700	20.20	-4.17	-1.25	24.00	11.00
144	5720	15.10	-4.17	-1.25	22.79	11.00

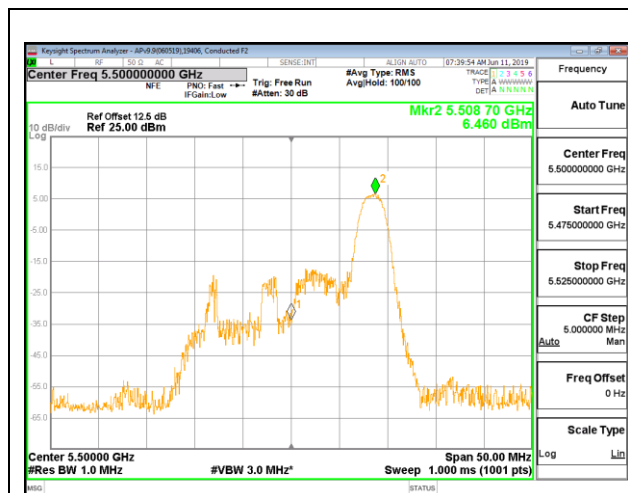
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

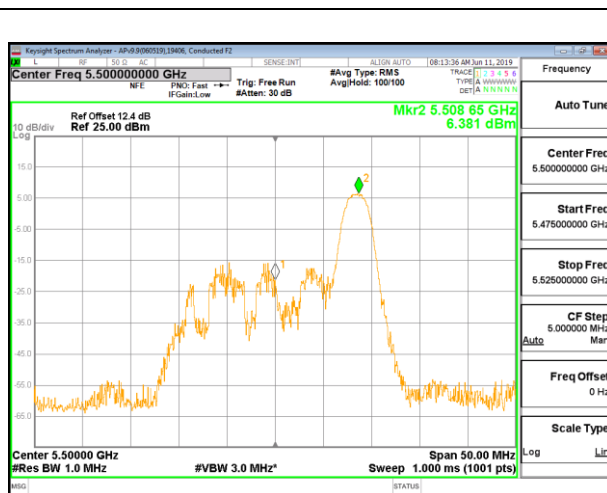
Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	8.69	8.64	11.68	24.00	-12.32
Mid	5580	8.66	8.63	11.66	24.00	-12.34
High	5700	8.67	8.61	11.65	24.00	-12.35
144	5720	8.72	8.71	11.73	22.79	-11.06

PSD Results

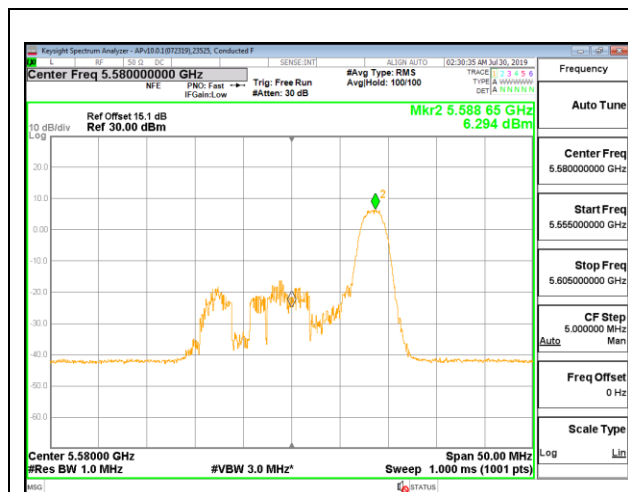
Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 1MHz)	Antenna 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	6.46	6.38	9.43	11.00	-1.57
Mid	5580	6.29	6.38	9.35	11.00	-1.65
High	5700	6.45	6.34	9.40	11.00	-1.60
144	5720	-17.92	-16.01	-13.85	11.00	-24.85



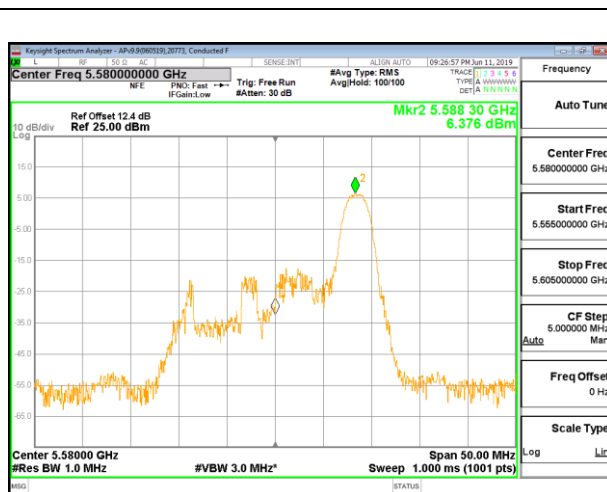
LOW CHANNEL ANT 6



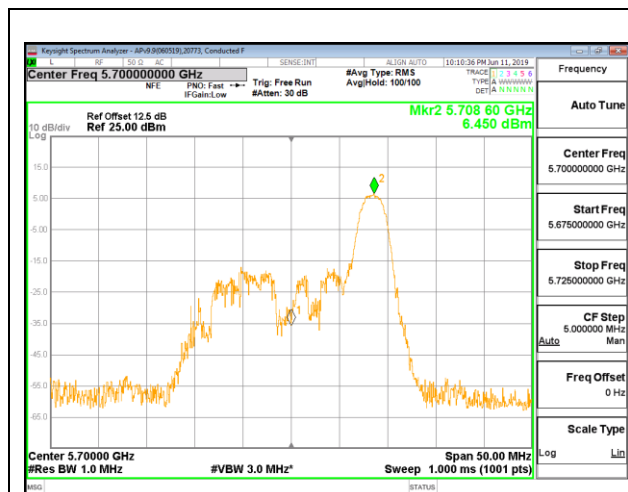
LOW CHANNEL ANT 5



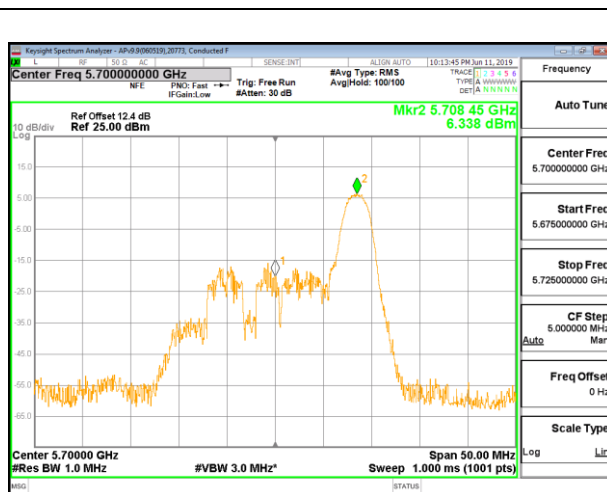
MID CHANNEL ANT 6



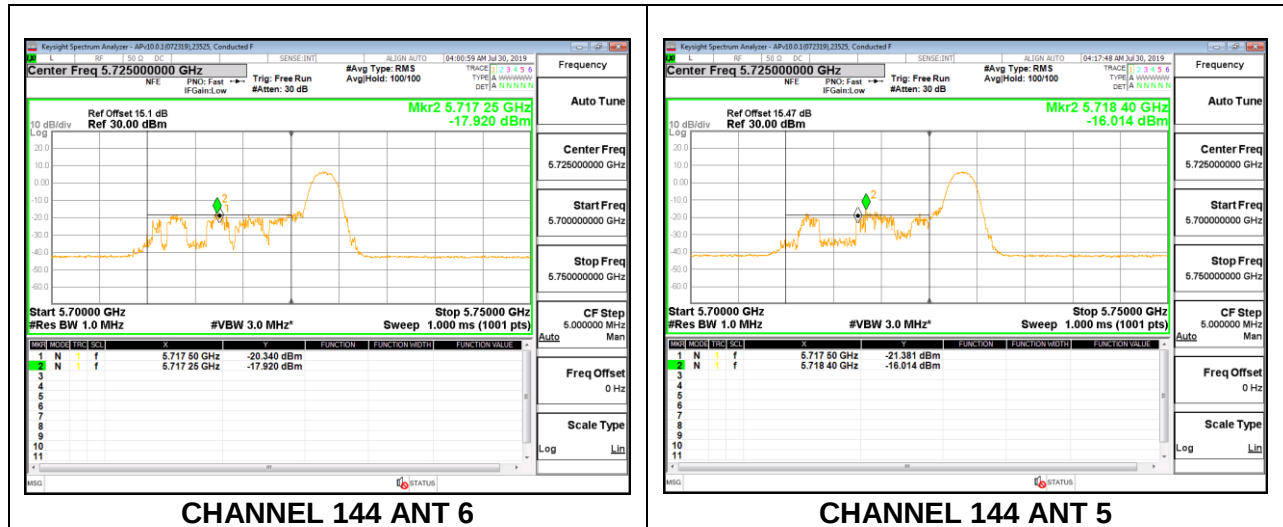
MID CHANNEL ANT 5



HIGH CHANNEL ANT 6



HIGH CHANNEL ANT 5



8.5.17. 802.11ax HE40 MODE IN THE 5.6 GHz BAND

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

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	41.90	-3.1	24.00	11.00
Mid	5550	42.00	-3.1	24.00	11.00
High	5670	42.00	-3.1	24.00	11.00
142	5710	42.10	-3.1	24.00	11.00

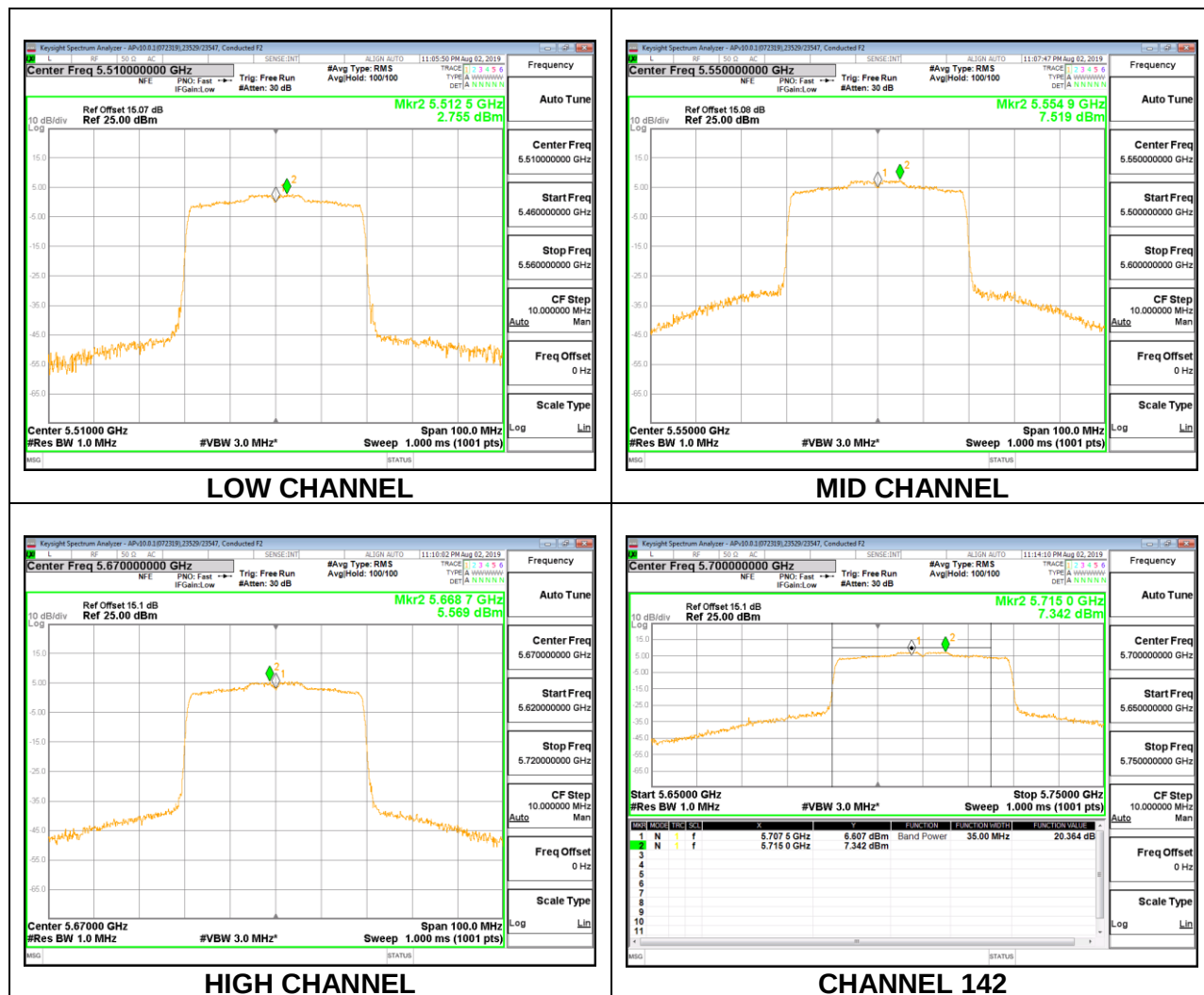
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.67	15.67	24.00	-8.33
Mid	5550	20.56	20.56	24.00	-3.44
High	5670	18.71	18.71	24.00	-5.29
142	5710	20.64	20.64	24.00	-3.36

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	2.76	2.76	11.00	-8.25
Mid	5550	7.52	7.52	11.00	-3.48
High	5670	5.57	5.57	11.00	-5.43
142	5710	7.34	7.34	11.00	-3.66



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

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	20.70	-3.1	24.00	11.00
Mid	5550	20.30	-3.1	24.00	11.00
High	5670	20.80	-3.1	24.00	11.00
142	5710	20.80	-3.1	24.00	11.00

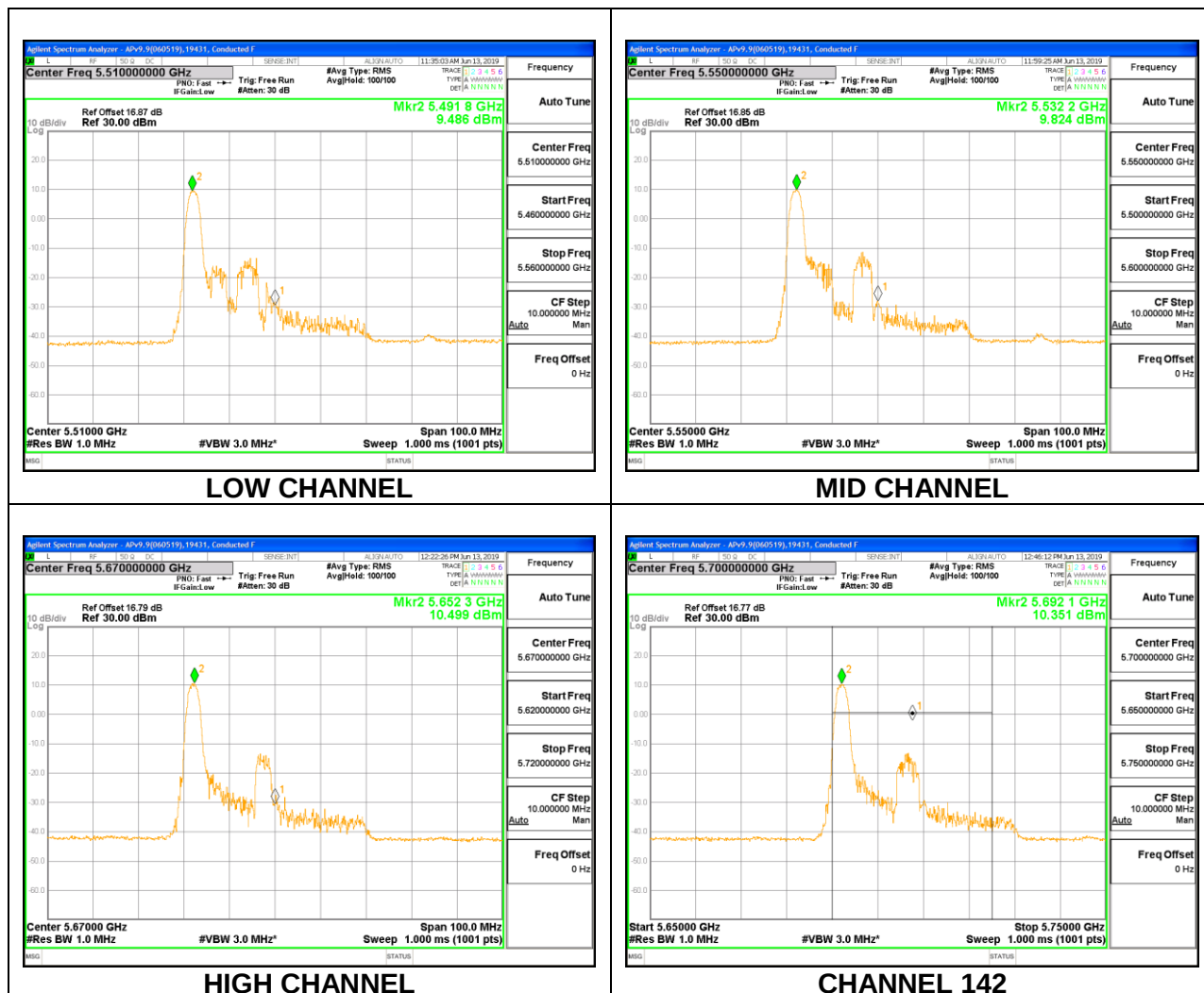
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	11.61	11.61	24.00	-12.39
Mid	5550	11.65	11.65	24.00	-12.35
High	5670	11.73	11.73	24.00	-12.27
142	5710	11.70	11.70	24.00	-12.30

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	9.49	9.49	11.00	-1.51
Mid	5550	9.82	9.82	11.00	-1.18
High	5670	10.50	10.50	11.00	-0.50
142	5710	10.35	10.35	11.00	-0.65



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

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	23.10	-3.1	24.00	11.00
Mid	5550	23.30	-3.1	24.00	11.00
High	5670	24.00	-3.1	24.00	11.00
142	5710	24.40	-3.1	24.00	11.00

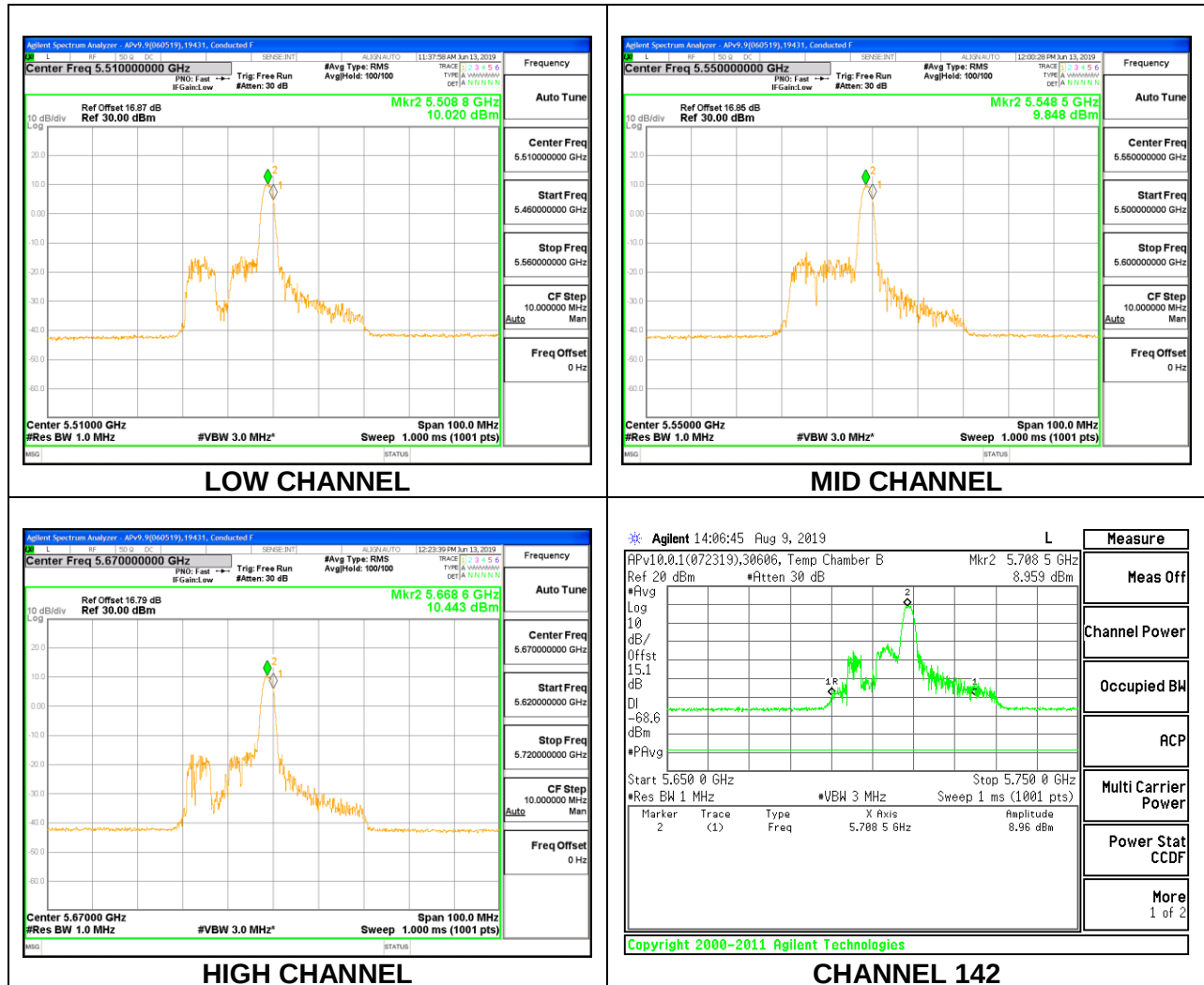
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	11.68	11.68	24.00	-12.32
Mid	5550	11.59	11.59	24.00	-12.41
High	5670	11.71	11.71	24.00	-12.29
142	5710	11.63	11.63	24.00	-12.37

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	10.02	10.02	11.00	-0.98
Mid	5550	9.85	9.85	11.00	-1.15
High	5670	10.44	10.44	11.00	-0.56
142	5710	8.96	8.96	11.00	-2.04



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

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	20.60	-3.1	24.00	11.00
Mid	5550	20.60	-3.1	24.00	11.00
High	5670	20.50	-3.1	24.00	11.00
142	5710	20.00	-3.1	24.00	11.00

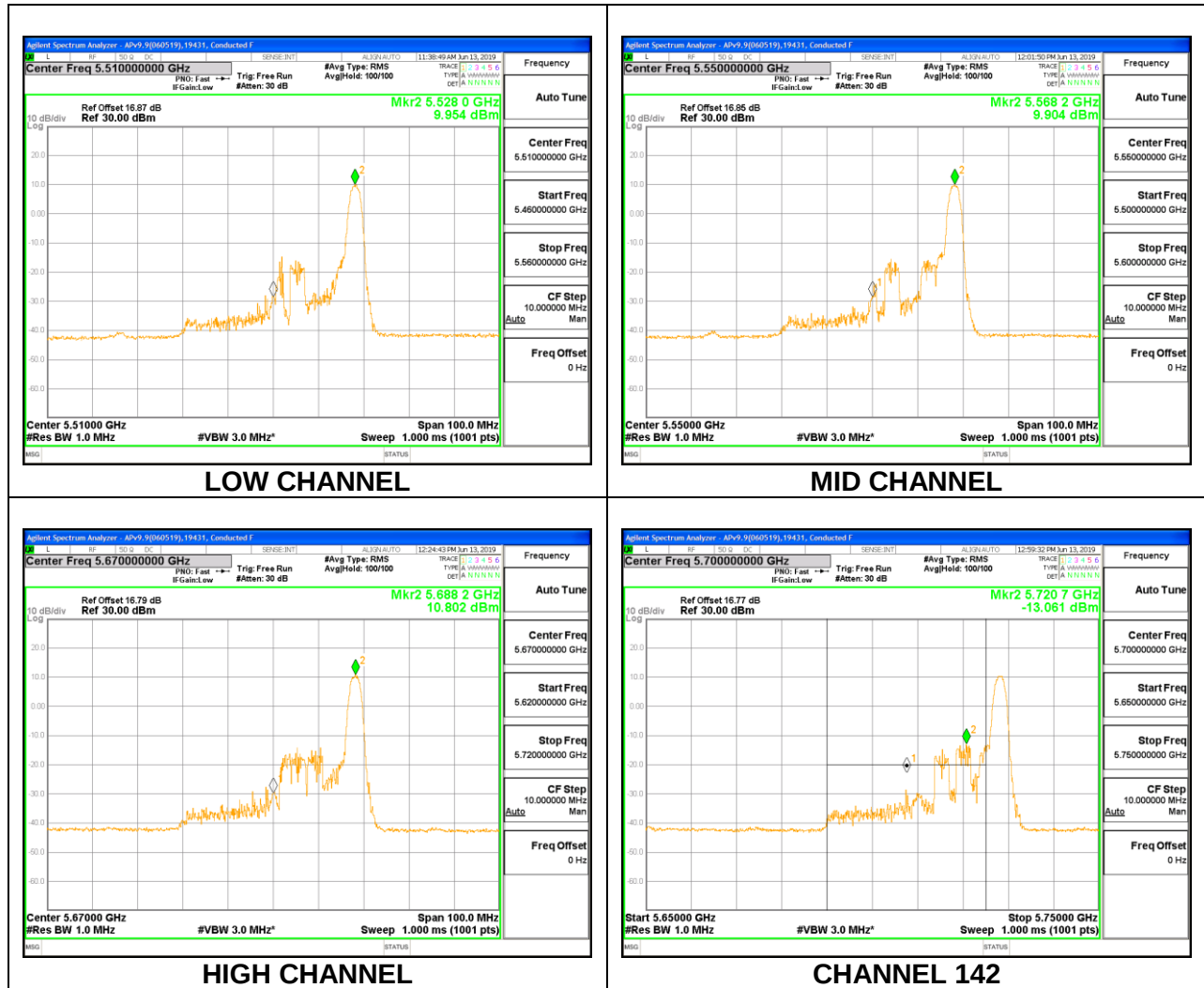
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	11.69	11.69	24.00	-12.31
Mid	5550	11.67	11.67	24.00	-12.33
High	5670	11.75	11.75	24.00	-12.25
142	5710	11.70	11.70	24.00	-12.30

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	9.95	9.95	11.00	-1.05
Mid	5550	9.90	9.90	11.00	-1.10
High	5670	10.80	10.80	11.00	-0.20
142	5710	-13.06	-13.06	11.00	-24.06



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

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	42.50	-5.6	24.00	11.00
Mid	5550	42.70	-5.6	24.00	11.00
High	5670	42.40	-5.6	24.00	11.00
142	5710	42.10	-5.6	24.00	11.00

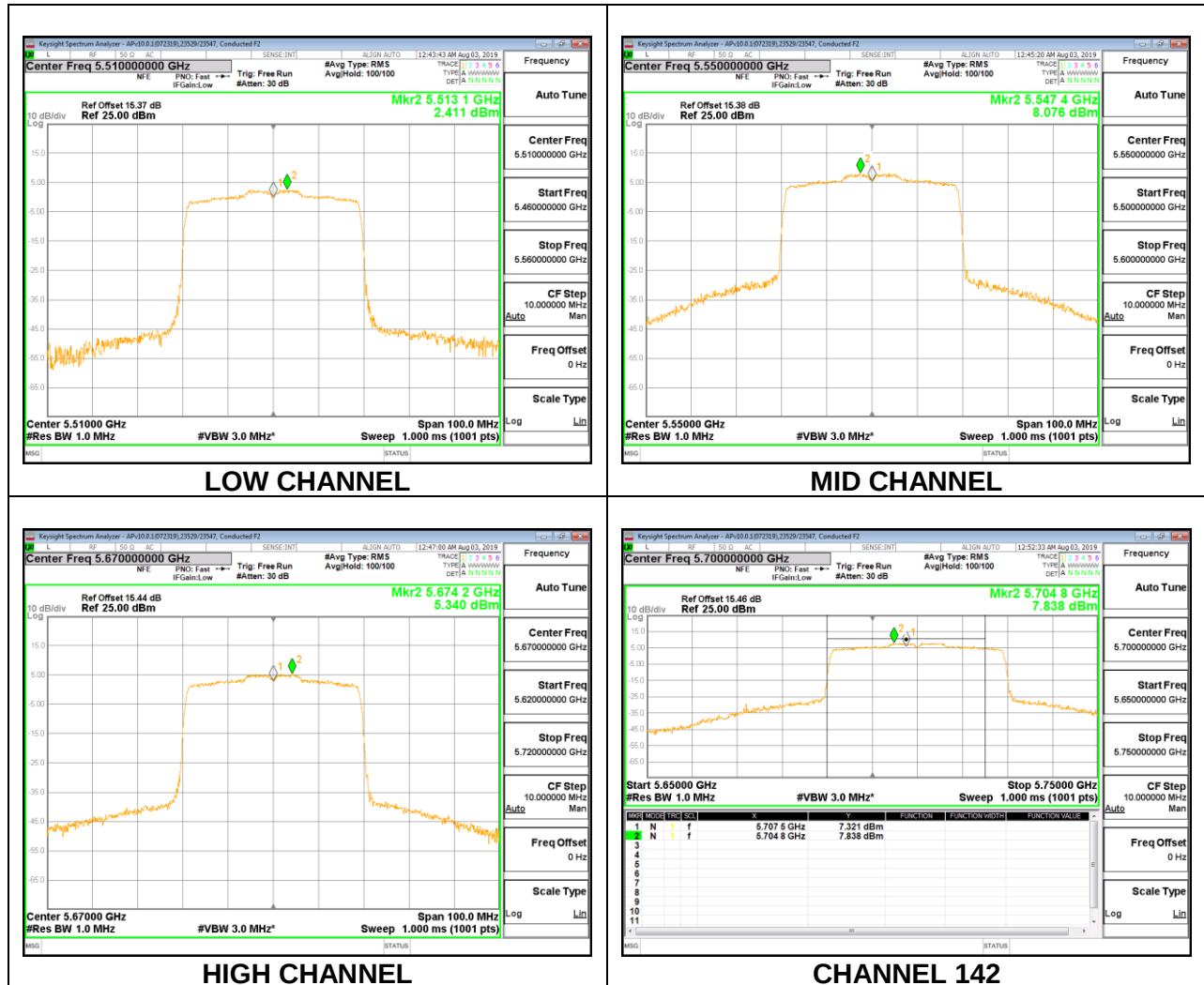
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.64	15.64	24.00	-8.36
Mid	5550	21.17	21.17	24.00	-2.83
High	5670	18.68	18.68	24.00	-5.32
142	5710	21.21	21.21	24.00	-2.79

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	2.41	2.41	11.00	-8.59
Mid	5550	8.08	8.08	11.00	-2.92
High	5670	5.34	5.34	11.00	-5.66
142	5710	7.84	7.84	11.00	-3.16



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

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	21.20	-5.6	24.00	11.00
Mid	5550	21.40	-5.6	24.00	11.00
High	5670	20.90	-5.6	24.00	11.00
142	5710	21.00	-5.6	24.00	11.00

Duty Cycle CF (dB)	0.00	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)
Low	5510	11.66	11.66	24.00	-12.34
Mid	5550	11.67	11.67	24.00	-12.33
High	5670	11.74	11.74	24.00	-12.26
142	5710	11.71	11.71	24.00	-12.29

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	9.86	9.86	11.00	-1.14
Mid	5550	9.88	9.88	11.00	-1.12
High	5670	10.53	10.53	11.00	-0.47
142	5710	10.28	10.28	11.00	-0.72