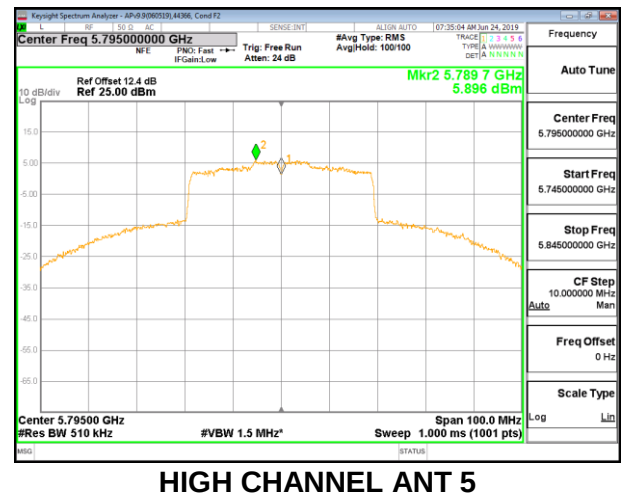
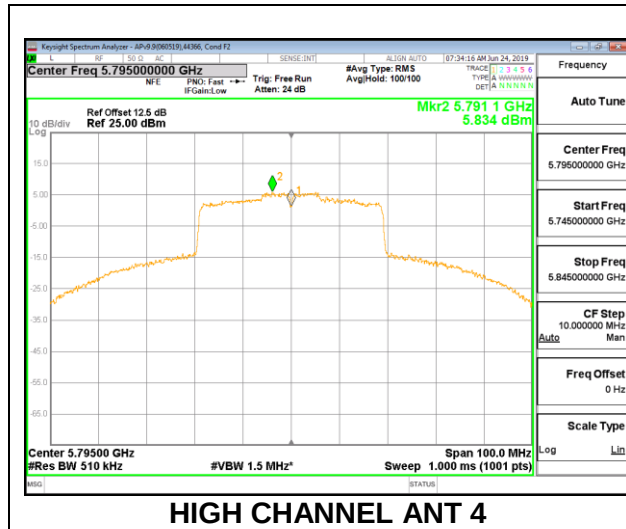
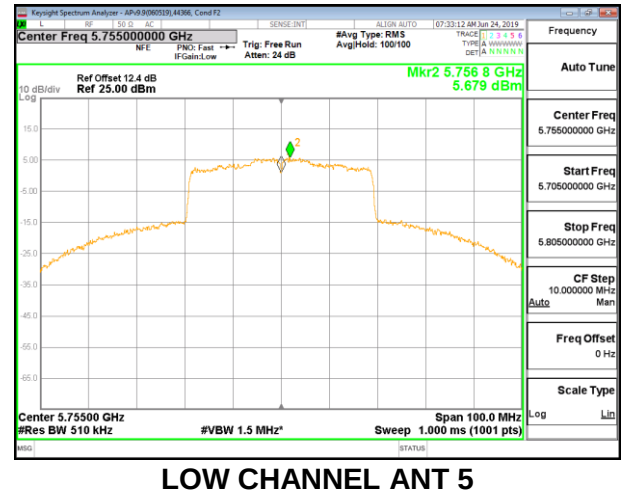
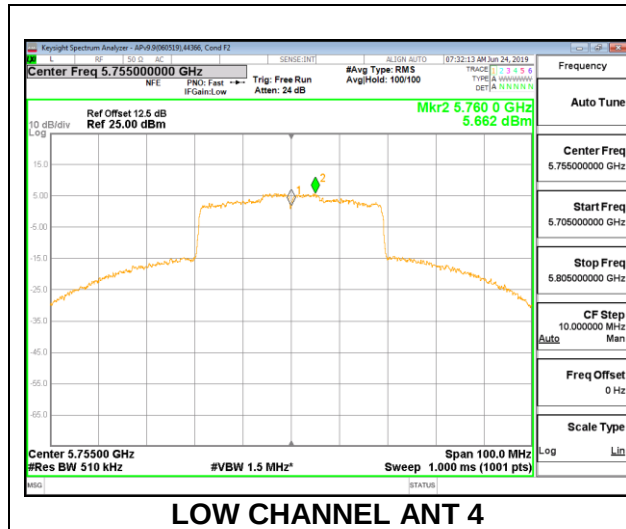
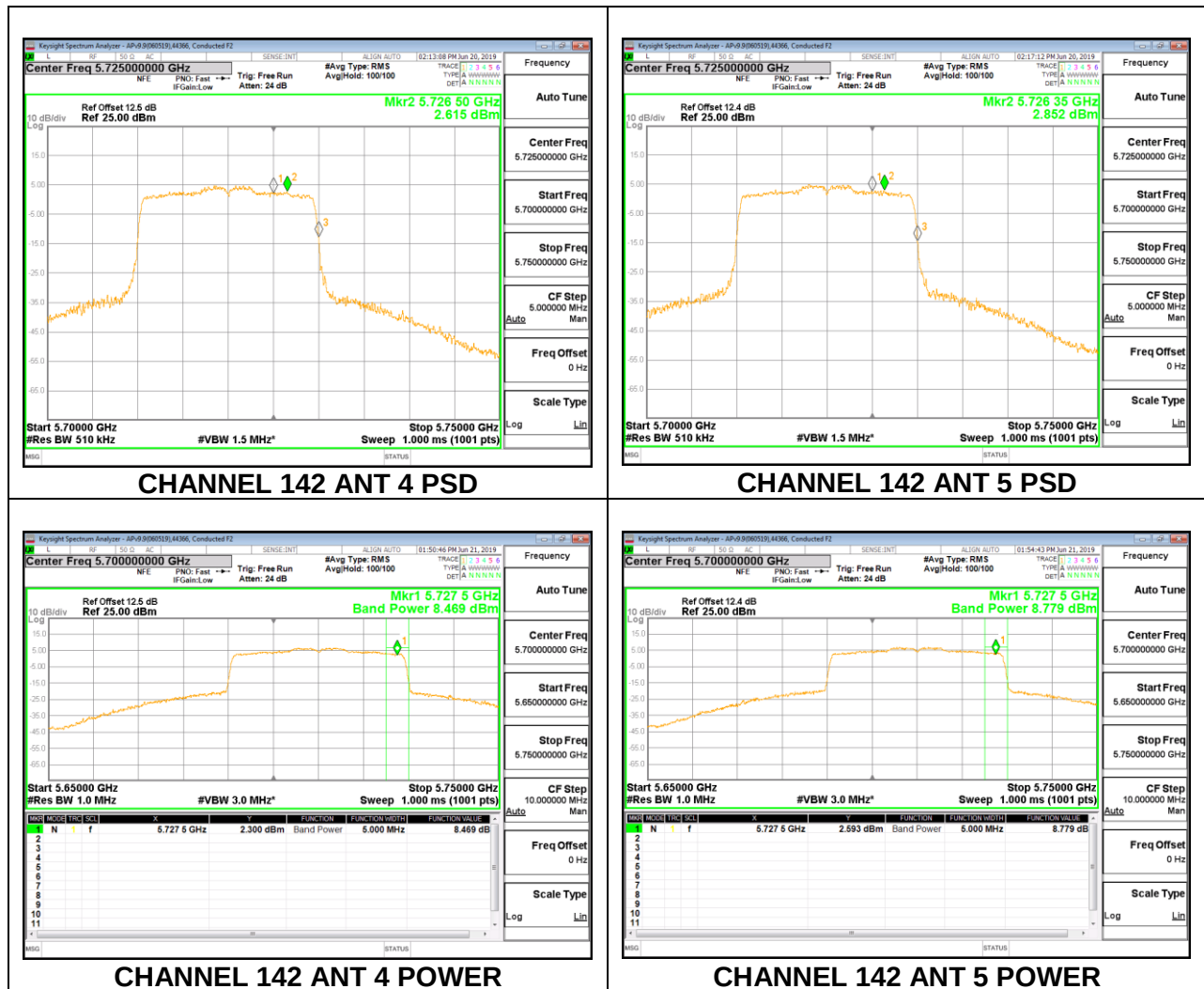






2TX Antenna 4 + Antenna 5 OFDMA MODE (FCC) – 26 Tones, RU Index 0**Antenna Gain and Limit**

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

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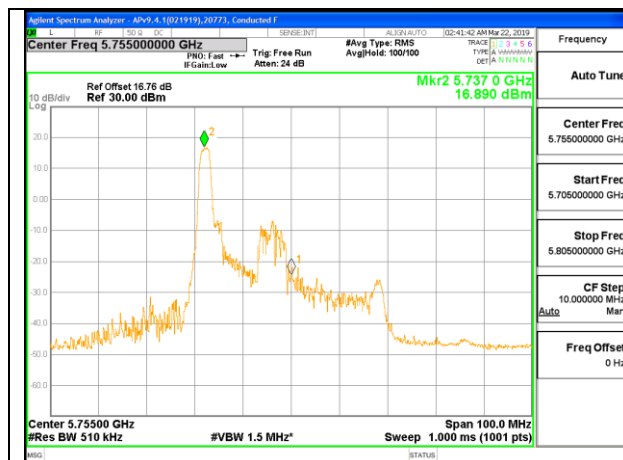
Output Power Results

Channel	Frequency (MHz)	Ant 4 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.130	21.190	24.170	30.00	-5.83
High	5795	21.200	21.230	24.225	30.00	-5.77
142	5710	-37.539	-36.538	-33.999	30.00	-64.00

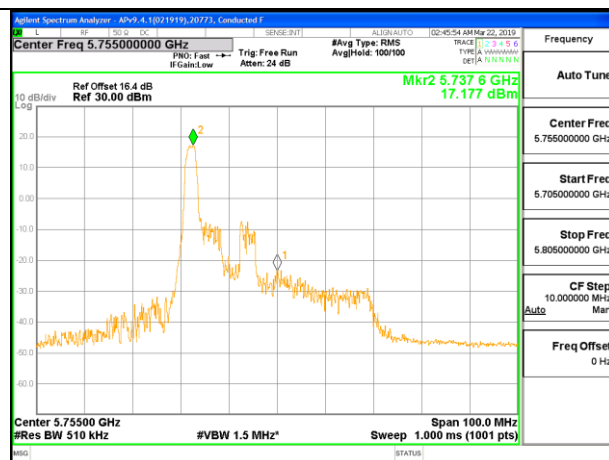
PSD Results

Channel	Frequency (MHz)	Ant 4 Meas PSD (dBm/ 1MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	16.890	17.177	20.046	30.00	-9.95
High	5795	17.279	17.300	20.300	30.00	-9.70
142	5710	-40.881	-42.808	-38.728	30.00	-68.73

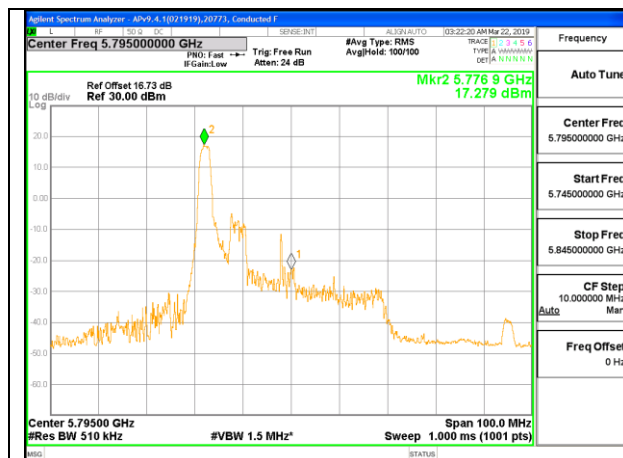
Note: Low, High Ch. PSD tested at higher power.



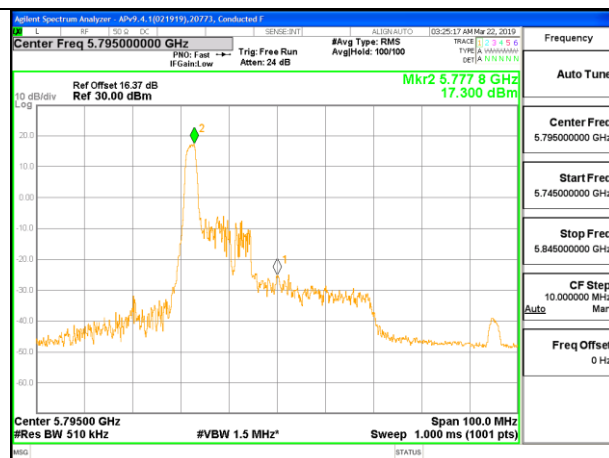
LOW CHANNEL ANT 4



LOW CHANNEL ANT 5



HIGH CHANNEL ANT 4



HIGH CHANNEL ANT 5



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

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

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

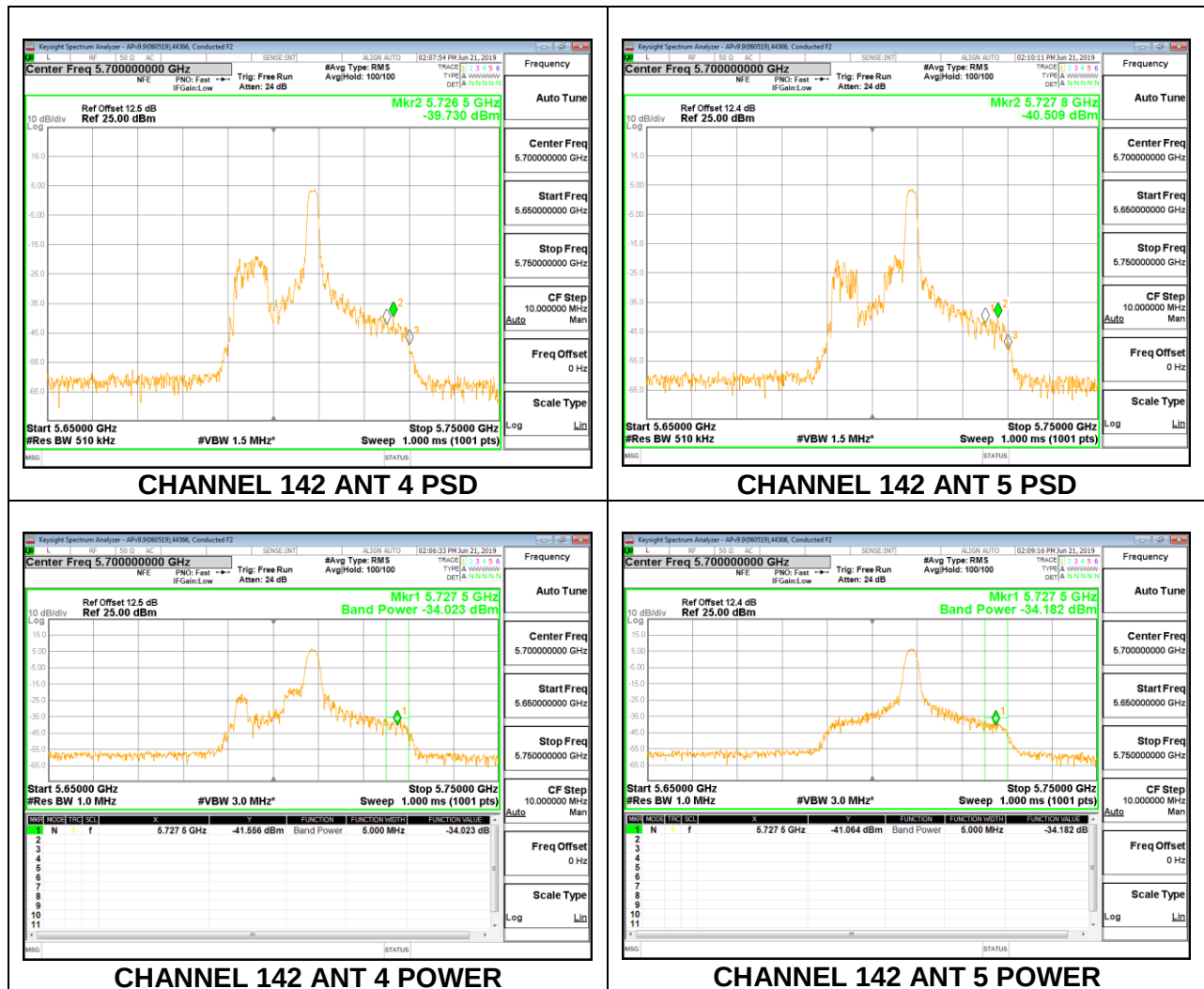
Channel	Frequency (MHz)	Ant 4 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.140	21.130	24.145	30.00	-5.85
High	5795	21.150	21.110	24.140	30.00	-5.86
142	5710	-34.023	-34.182	-31.091	30.00	-61.09

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	5755	16.819	16.790	19.815	30.00	-10.19
High	5795	16.831	16.754	19.803	30.00	-10.20
142	5710	-39.730	-40.509	-37.092	30.00	-67.09

Note: Low, High Ch. PSD tested at higher power.





2TX Antenna 4 + Antenna 5 OFDMA MODE (FCC) – 26 Tones, RU Index 17**Antenna Gain and Limit**

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

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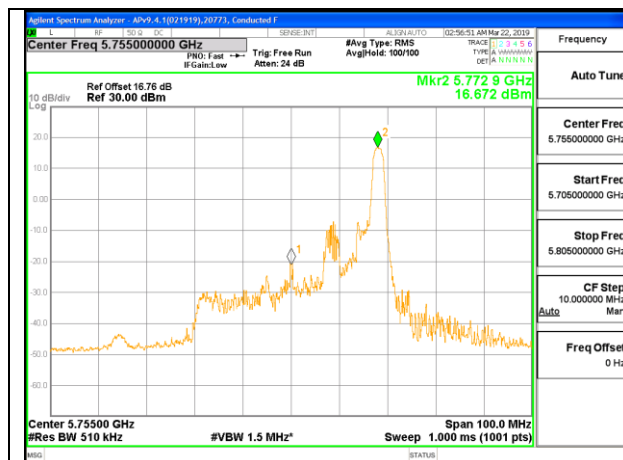
Output Power Results

Channel	Frequency (MHz)	Ant 4 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.130	21.200	24.175	30.00	-5.82
High	5795	21.170	21.140	24.165	30.00	-5.83
142	5710	8.559	8.799	11.691	30.00	-18.31

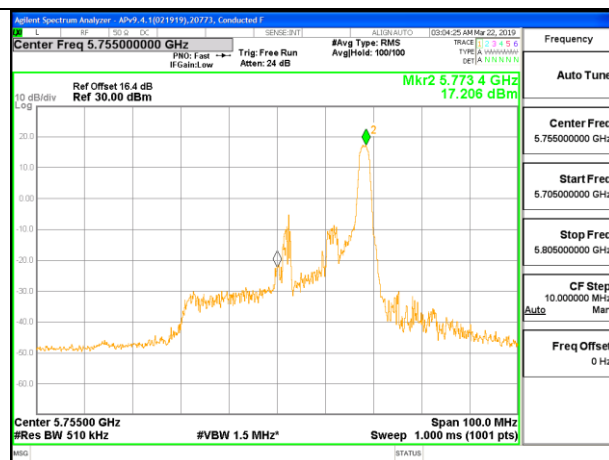
PSD Results

Channel	Frequency (MHz)	Ant 4 Meas PSD (dBm/ 1MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	16.672	17.206	19.958	30.00	-10.04
High	5795	17.025	16.812	19.930	30.00	-10.07
142	5710	3.664	3.310	6.501	30.00	-23.50

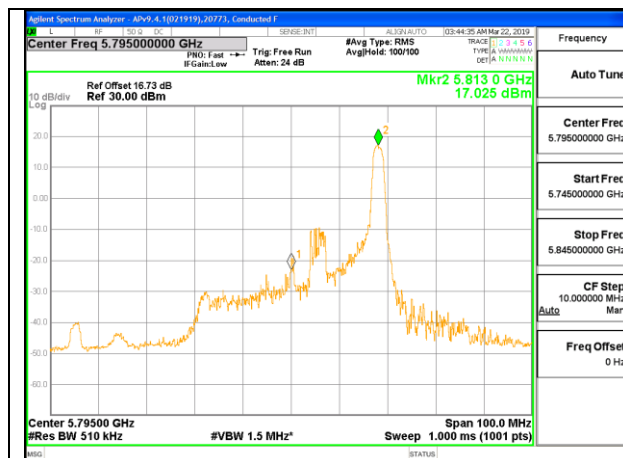
Note: Low, High Ch. PSD tested at higher power.



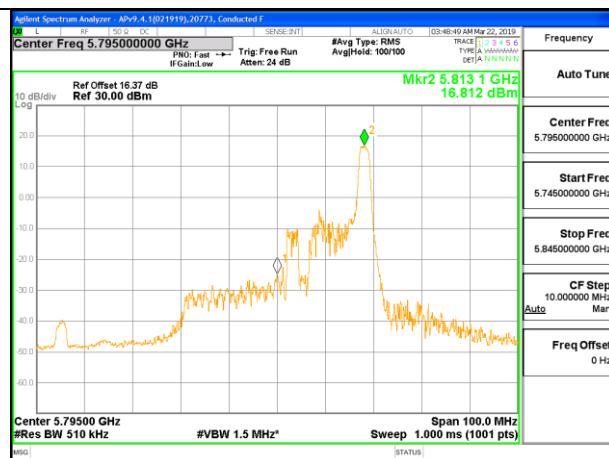
LOW CHANNEL ANT 4



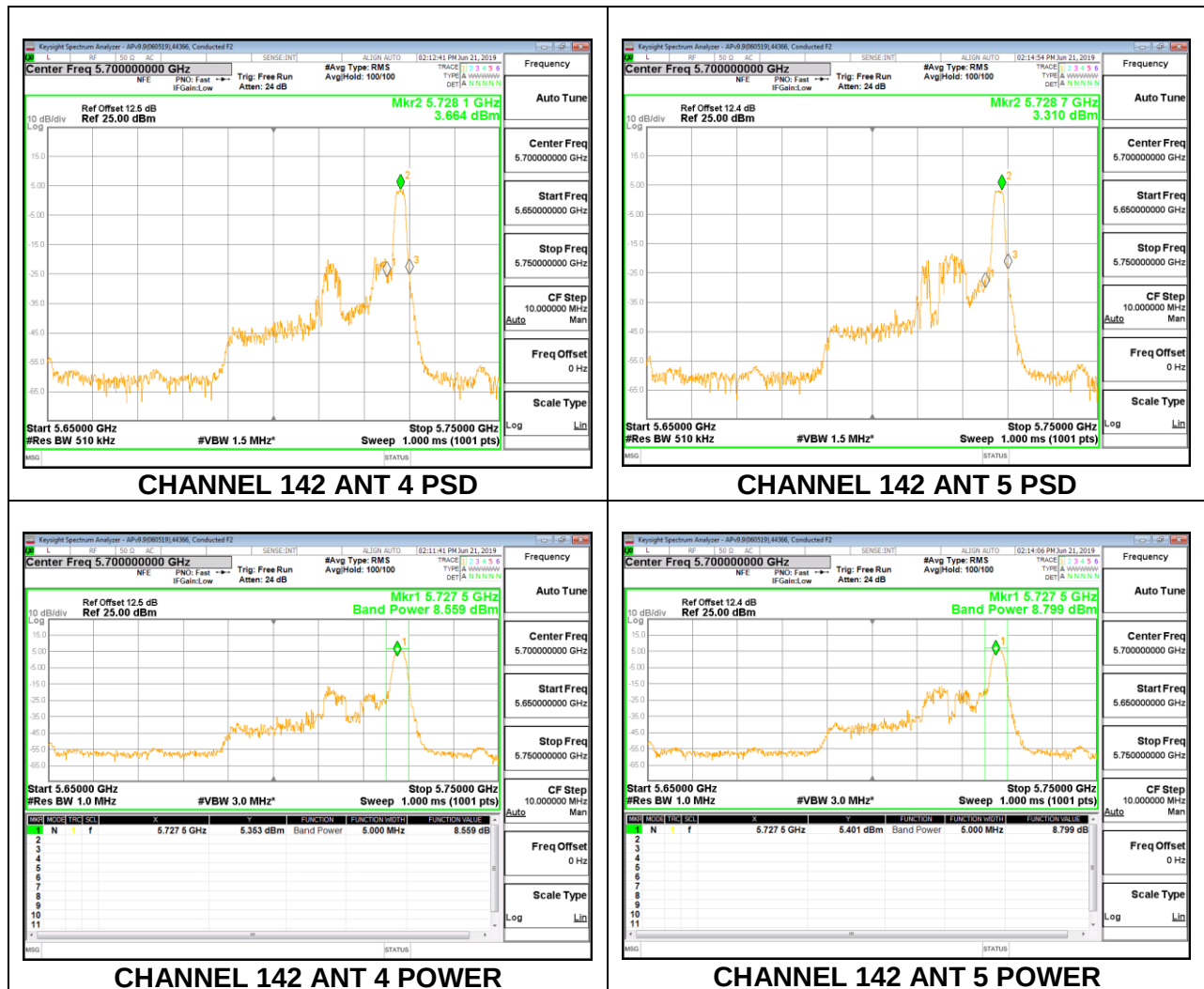
LOW CHANNEL ANT 5



HIGH CHANNEL ANT 4



HIGH CHANNEL ANT 5



8.5.24. 802.11ax HE80 MODE IN THE 5.8 GHz BAND**1TX Antenna 4 MODE (FCC) – 996 Tones, RU Index 67****Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Mid	5775	-4.10	30.00	30.00
138	5690	-4.10	30.00	30.00

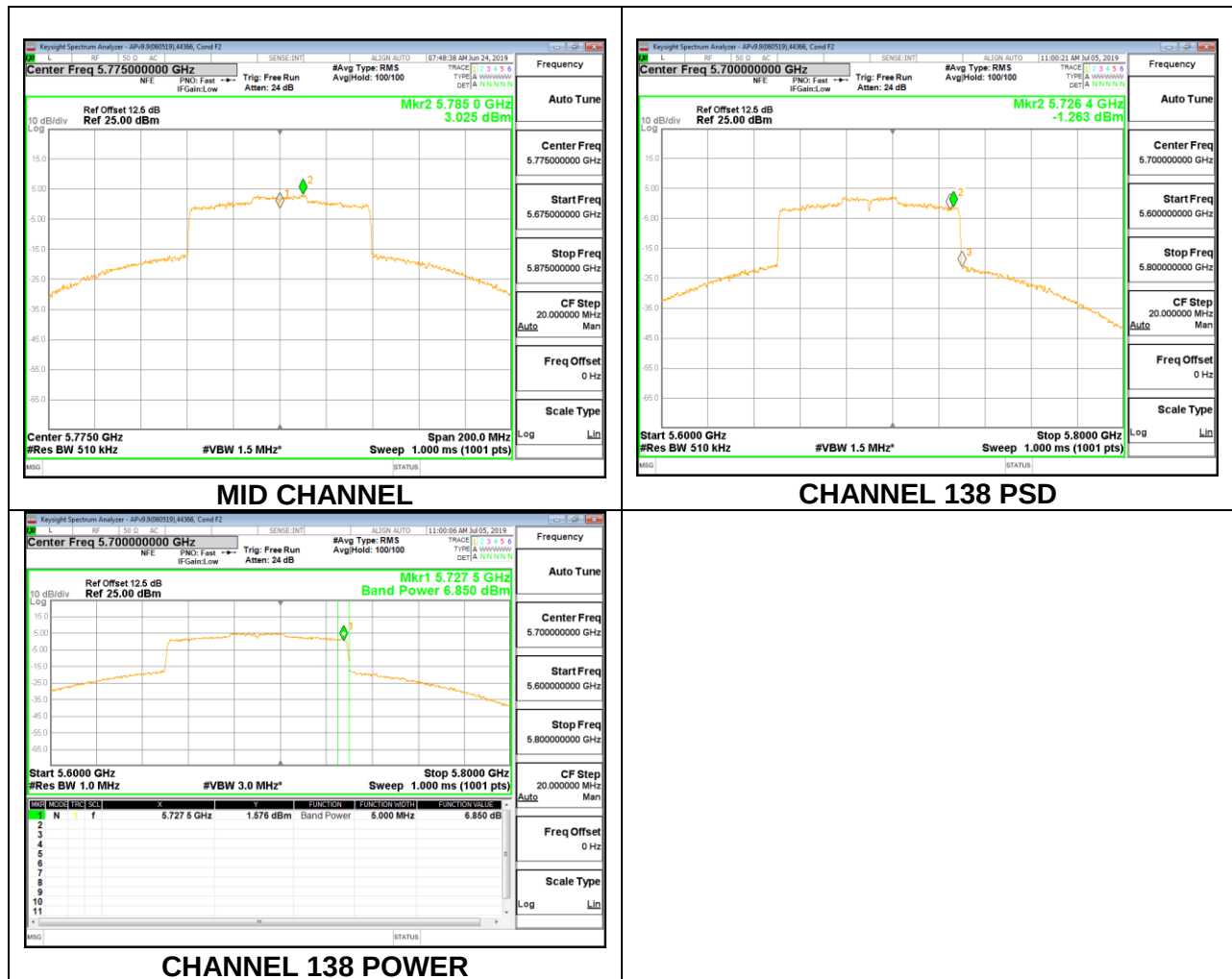
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.180	21.180	30.00	-8.82
138	5690	6.850	6.850	30.00	-23.15

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	3.025	3.025	30.00	-26.98
138	5690	-1.263	-1.263	30.00	-31.26



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

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Mid	5775	-4.10	30.00	30.00
138	5690	-4.10	30.00	30.00

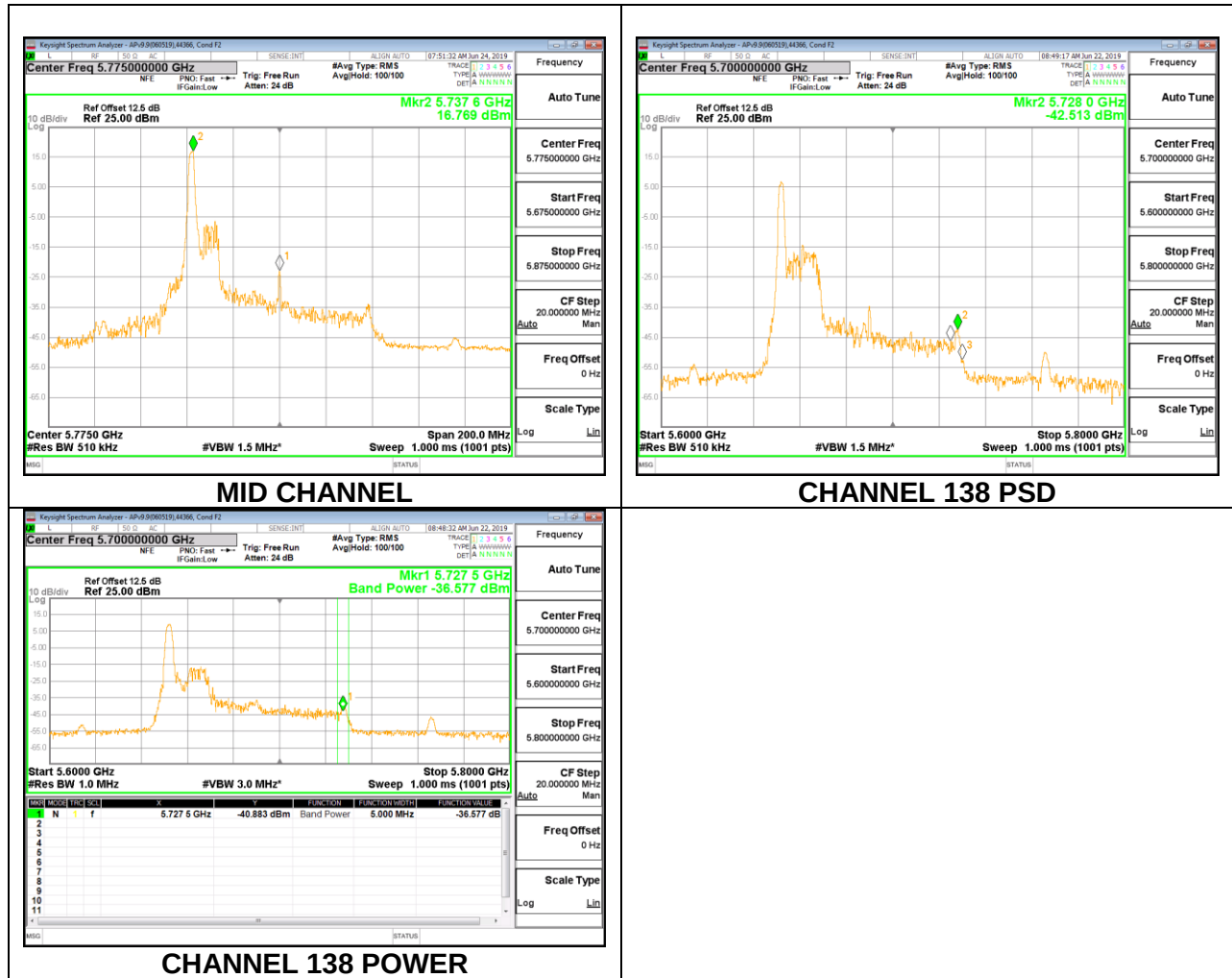
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.170	21.170	30.00	-8.83
138	5690	-36.577	-36.577	30.00	-66.58

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	16.769	16.769	30.00	-13.23
138	5690	-42.513	-42.513	30.00	-72.51



1TX Antenna 4 MODE (FCC) – 26 Tones, RU Index 18**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Mid	5775	-4.10	30.00	30.00
138	5690	-4.10	30.00	30.00

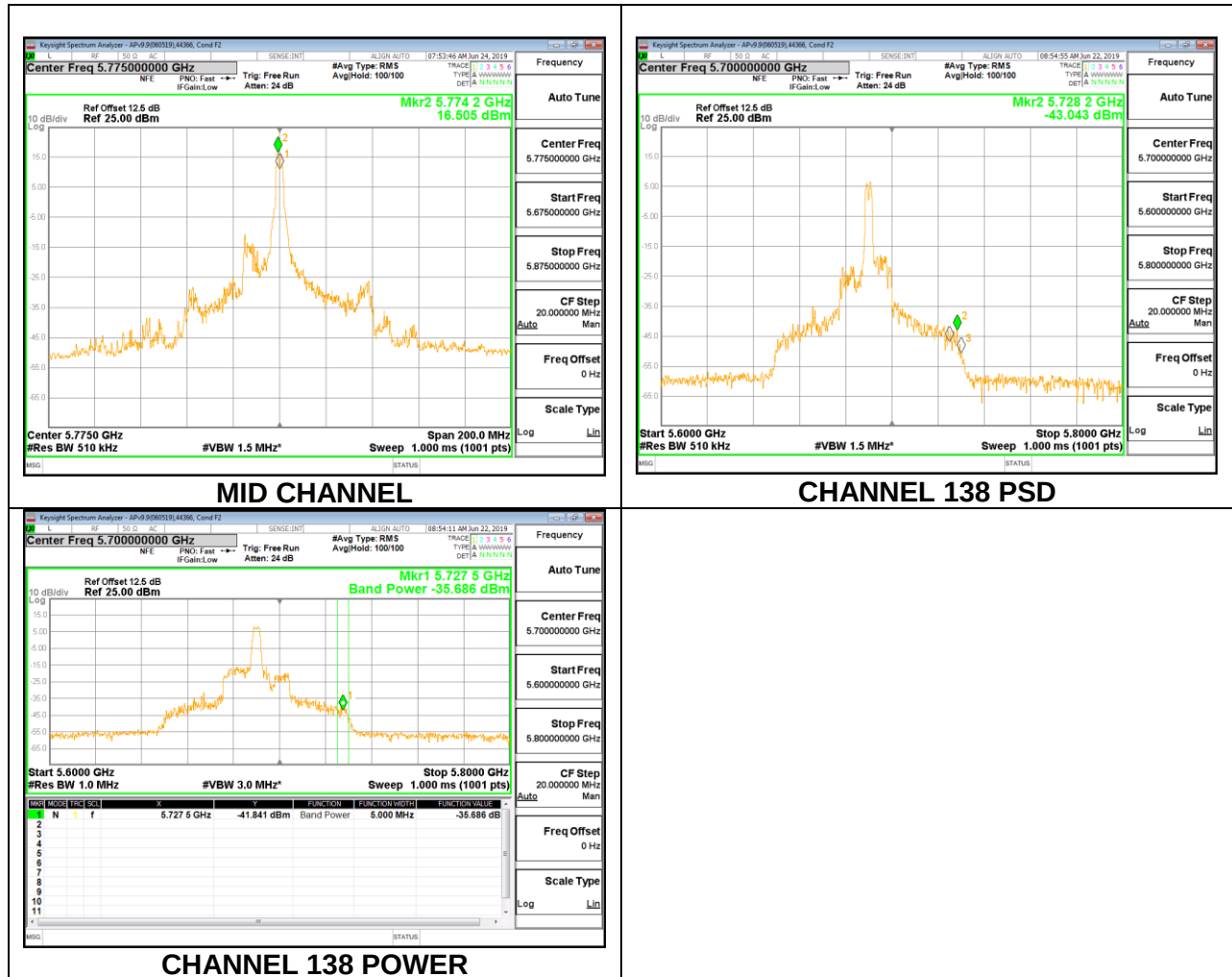
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.130	21.130	30.00	-8.87
138	5690	-35.686	-35.686	30.00	-65.69

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	16.505	16.505	30.00	-13.50
138	5690	-43.043	-43.043	30.00	-73.04



1TX Antenna 4 MODE (FCC) – 26 Tones, RU Index 36**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Mid	5775	-4.10	30.00	30.00
138	5690	-4.10	30.00	30.00

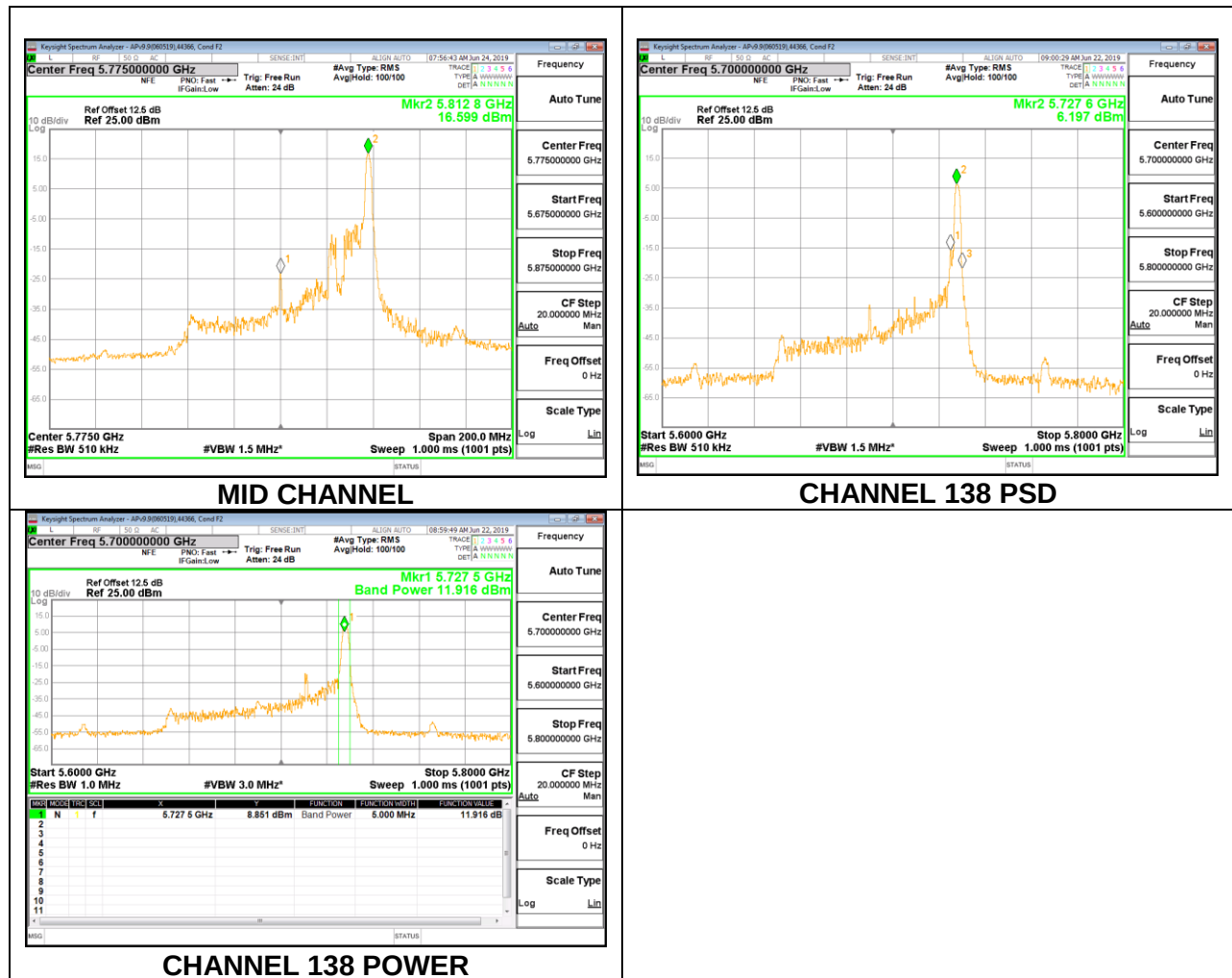
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.140	21.140	30.00	-8.86
138	5690	11.916	11.916	30.00	-18.08

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	16.599	16.599	30.00	-13.40
138	5690	6.197	6.197	30.00	-23.80



1TX Antenna 5 MODE (FCC) – 996 Tones, RU Index 67**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Mid	5775	-1.70	30.00	30.00
138	5690	-1.70	30.00	30.00

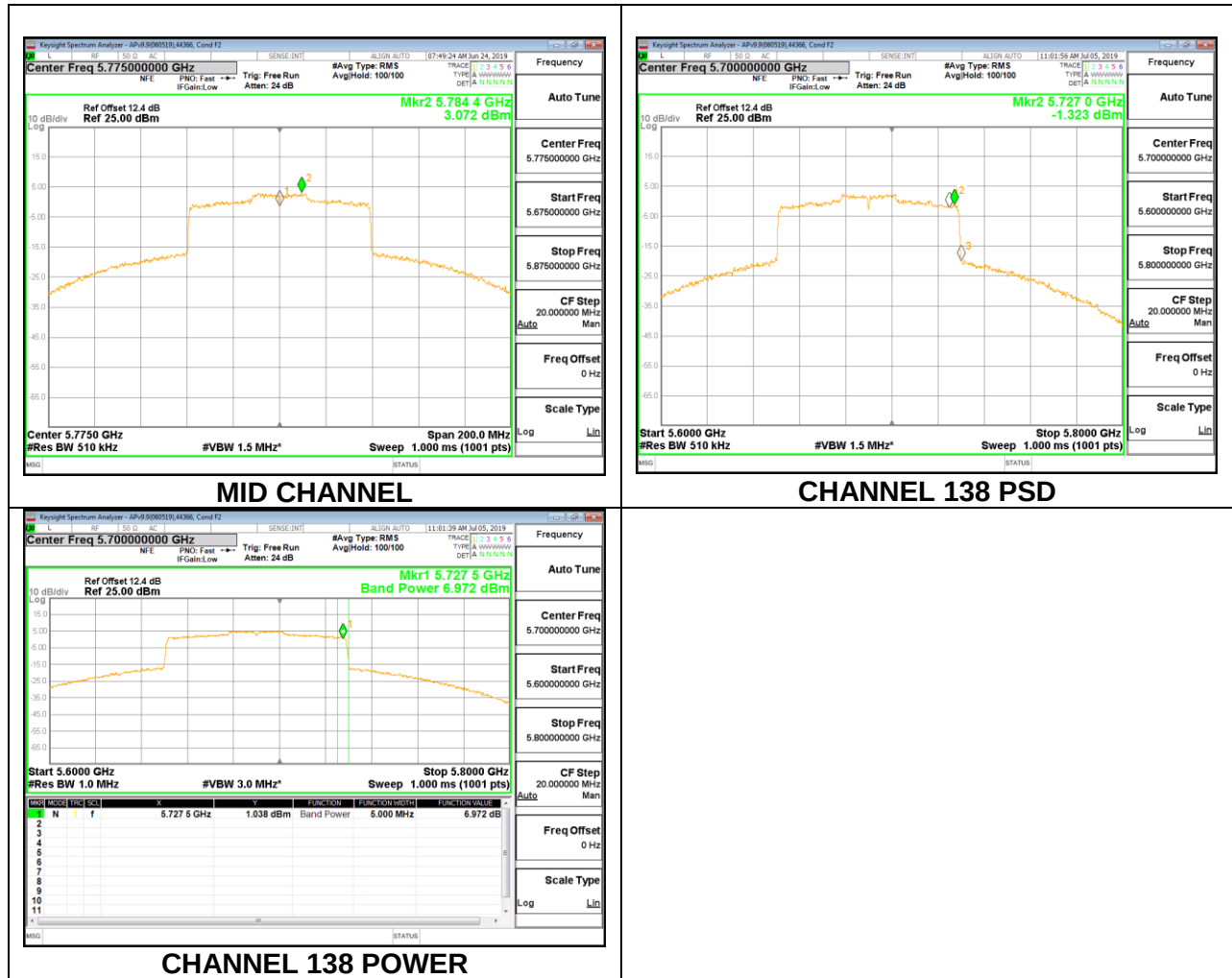
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.170	21.170	30.00	-8.83
138	5690	6.972	6.972	30.00	-23.03

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	3.072	3.072	30.00	-26.93
138	5690	-1.323	-1.323	30.00	-31.32



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

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Mid	5775	-1.70	30.00	30.00
138	5690	-1.70	30.00	30.00

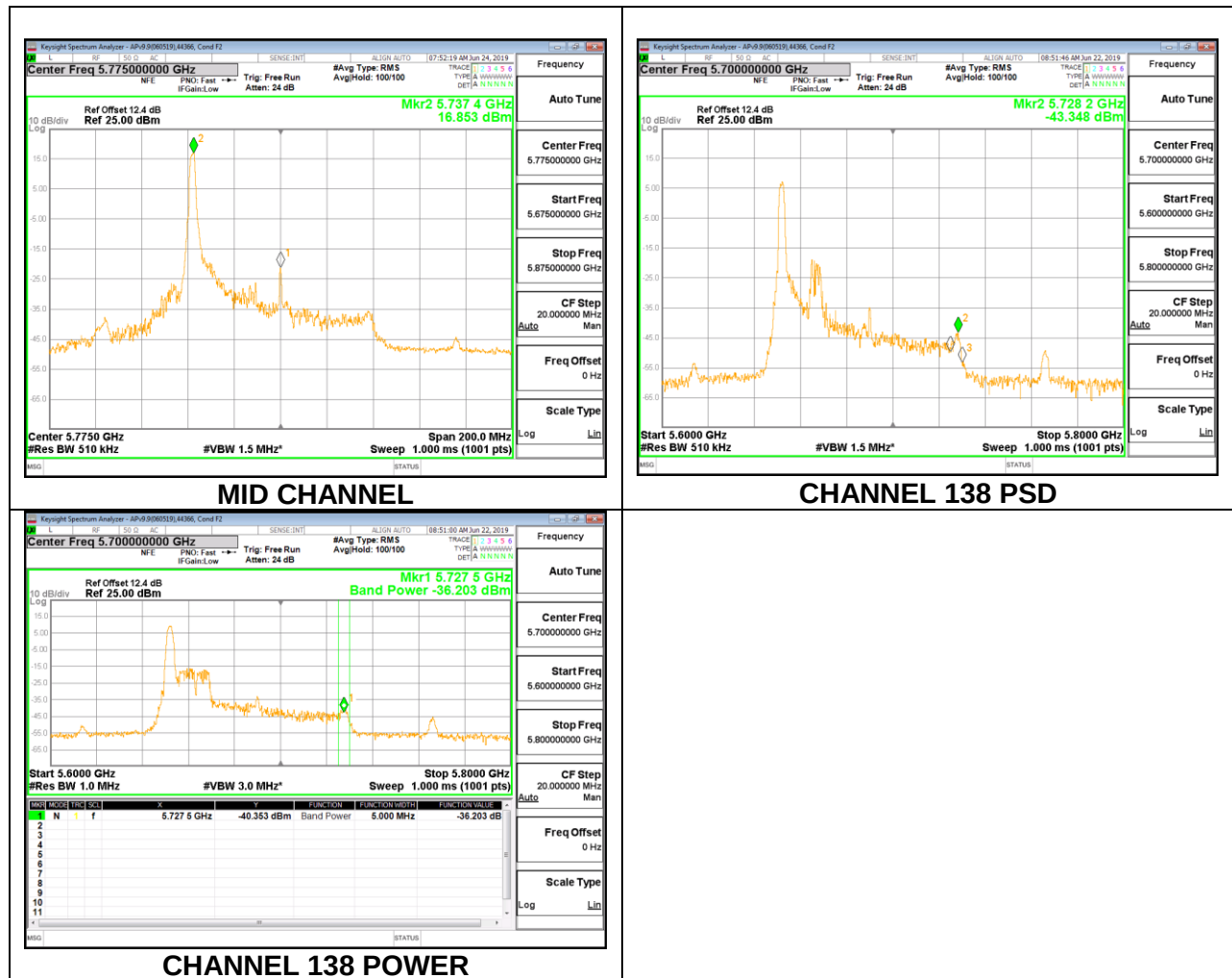
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.170	21.170	30.00	-8.83
138	5690	-36.203	-36.203	30.00	-66.20

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	16.853	16.853	30.00	-13.15
138	5690	-43.348	-43.348	30.00	-73.35



1TX Antenna 5 MODE (FCC) – 26 Tones, RU Index 18**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Mid	5775	-1.70	30.00	30.00
138	5690	-1.70	30.00	30.00

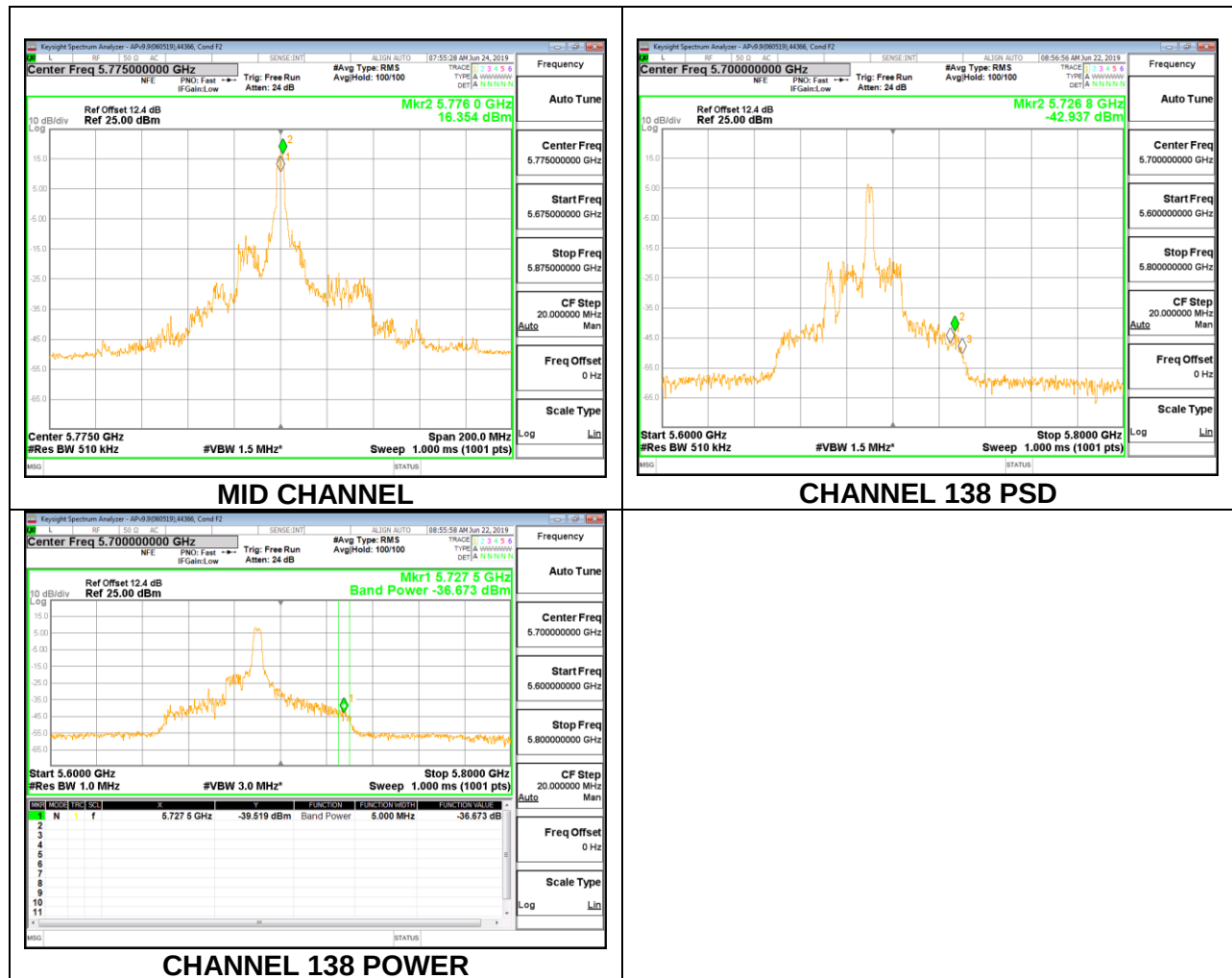
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.140	21.140	30.00	-8.86
138	5690	-36.673	-36.673	30.00	-66.67

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	16.354	16.354	30.00	-13.65
138	5690	-42.937	-42.937	30.00	-72.94



1TX Antenna 5 MODE (FCC) – 26 Tones, RU Index 36**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Mid	5775	-1.70	30.00	30.00
138	5690	-1.70	30.00	30.00

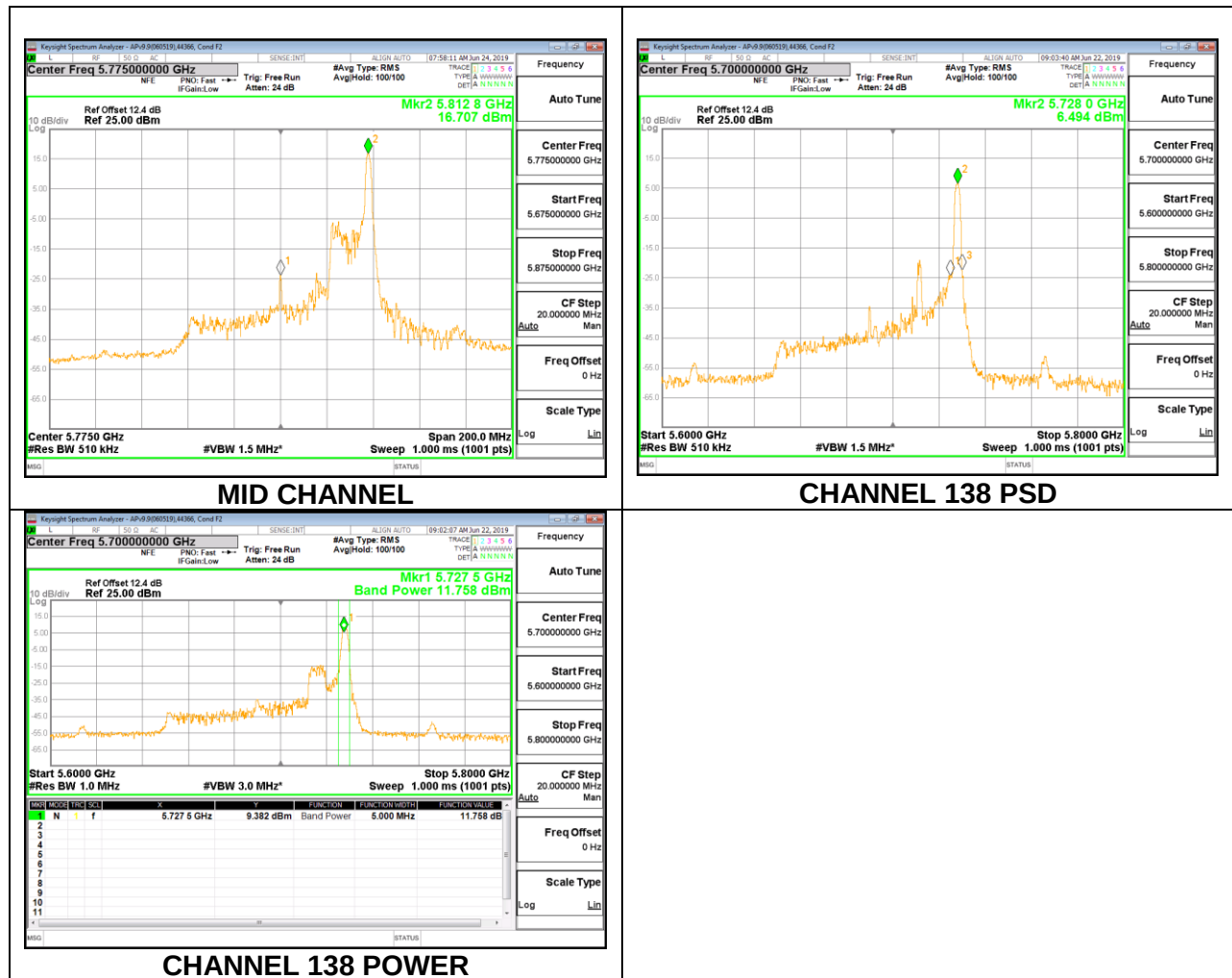
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.150	21.150	30.00	-8.85
138	5690	11.758	11.758	30.00	-18.24

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	16.707	16.707	30.00	-13.29
138	5690	6.494	6.494	30.00	-23.51



2TX Antenna 4 + Antenna 5 OFDMA MODE (FCC) – 996 Tones, RU Index 67**Antenna Gain and Limit**

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

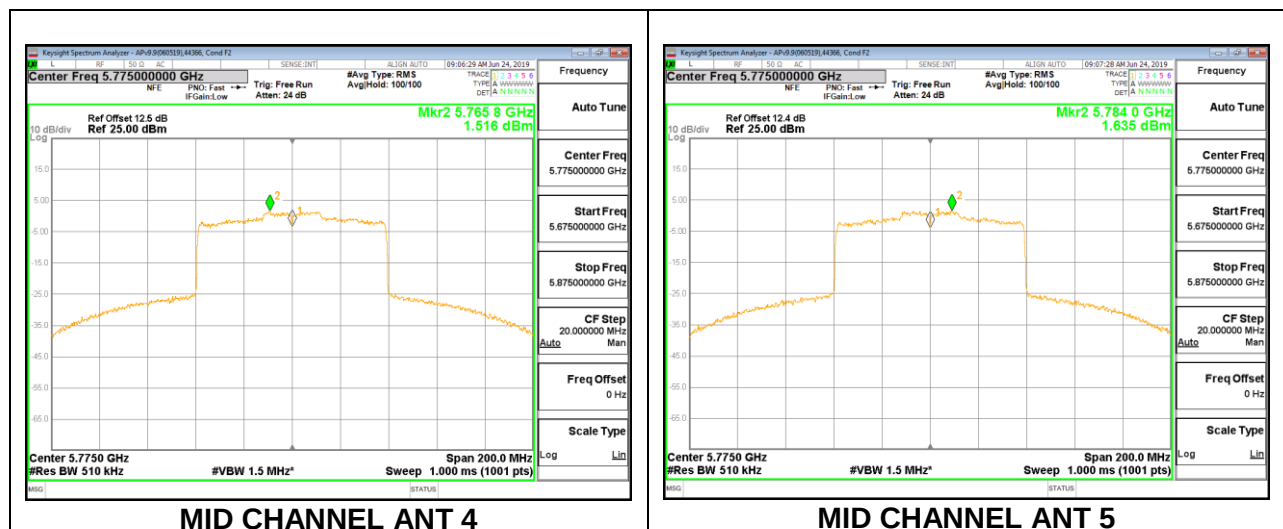
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power
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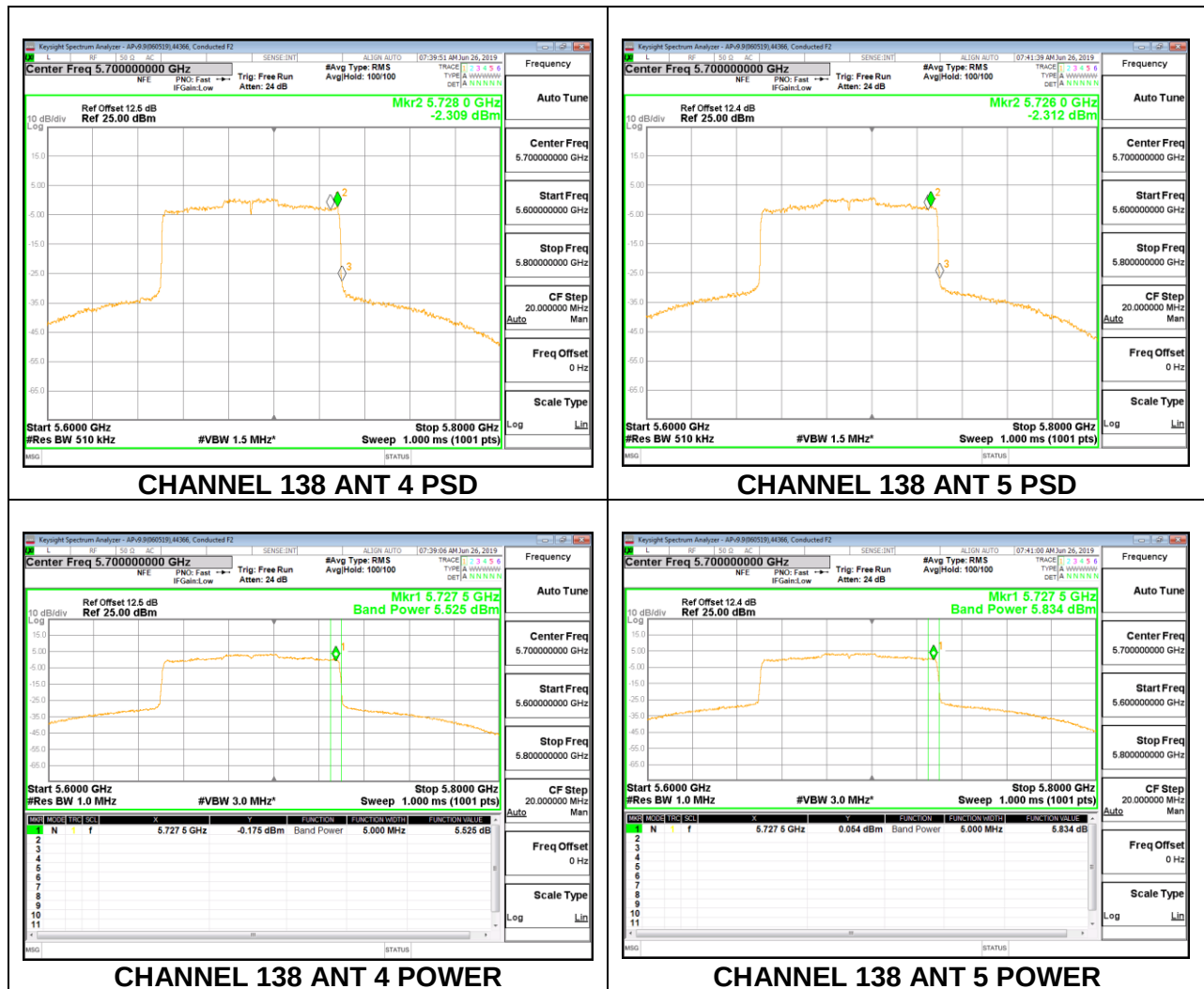
Output Power Results

Channel	Frequency (MHz)	Ant 4 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	20.160	20.170	23.175	30.00	-6.82
138	5690	5.525	5.834	8.693	30.00	-21.31

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	5755	1.516	1.635	4.586	30.00	-25.41
138	5690	-2.309	-2.312	0.700	30.00	-29.30





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

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

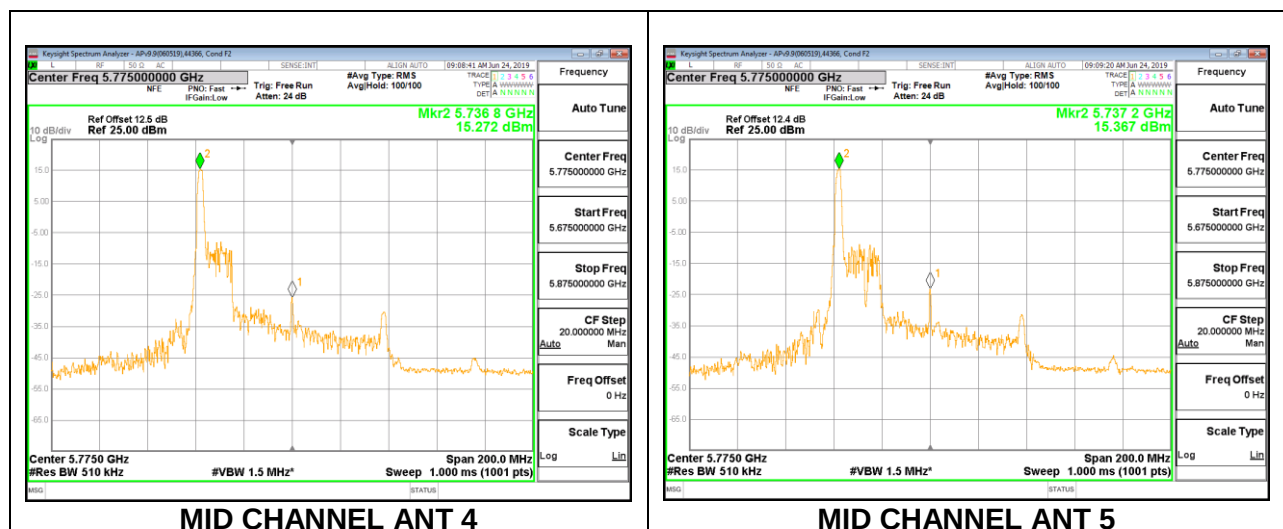
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power
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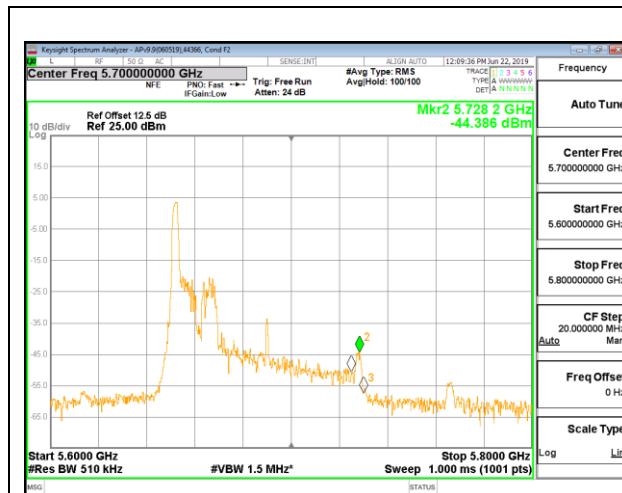
Output Power Results

Channel	Frequency (MHz)	Ant 4 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	20.110	20.130	23.130	30.00	-6.87
138	5690	-38.341	-37.970	-35.141	30.00	-65.14

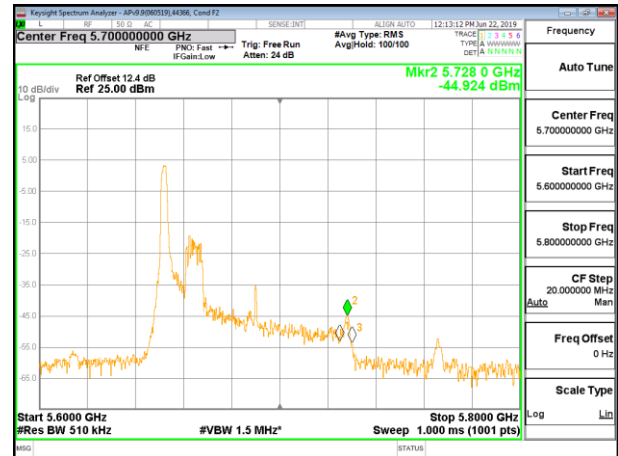
PSD Results

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	5755	15.272	15.367	18.330	30.00	-11.67
138	5690	-44.386	-44.924	-41.636	30.00	-71.64

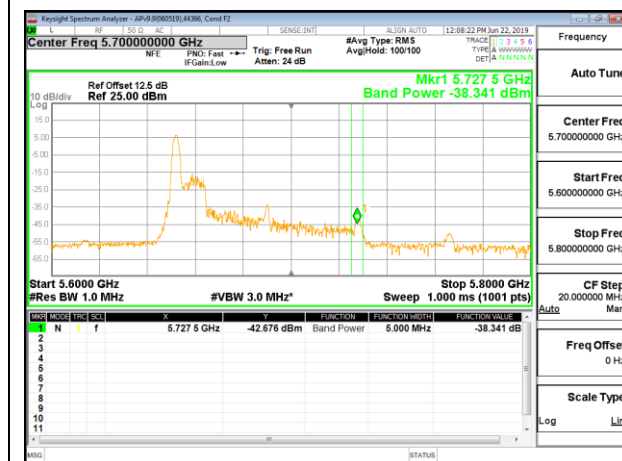




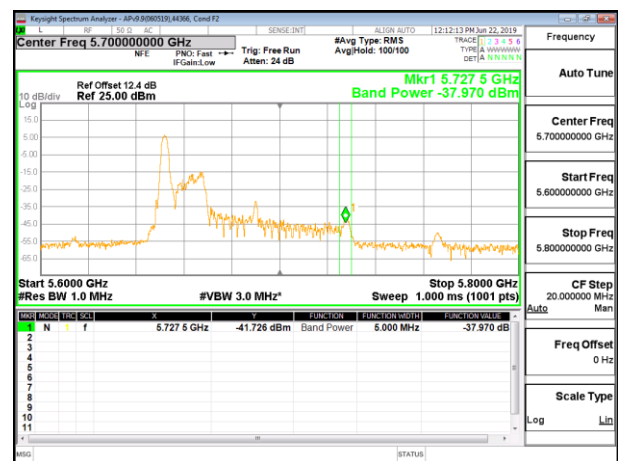
CHANNEL 138 ANT 4 PSD



CHANNEL 138 ANT 5 PSD



CHANNEL 138 ANT 4 POWER



CHANNEL 138 ANT 5 POWER

2TX Antenna 4 + Antenna 5 OFDMA MODE (FCC) – 26 Tones, RU Index 18**Antenna Gain and Limit**

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

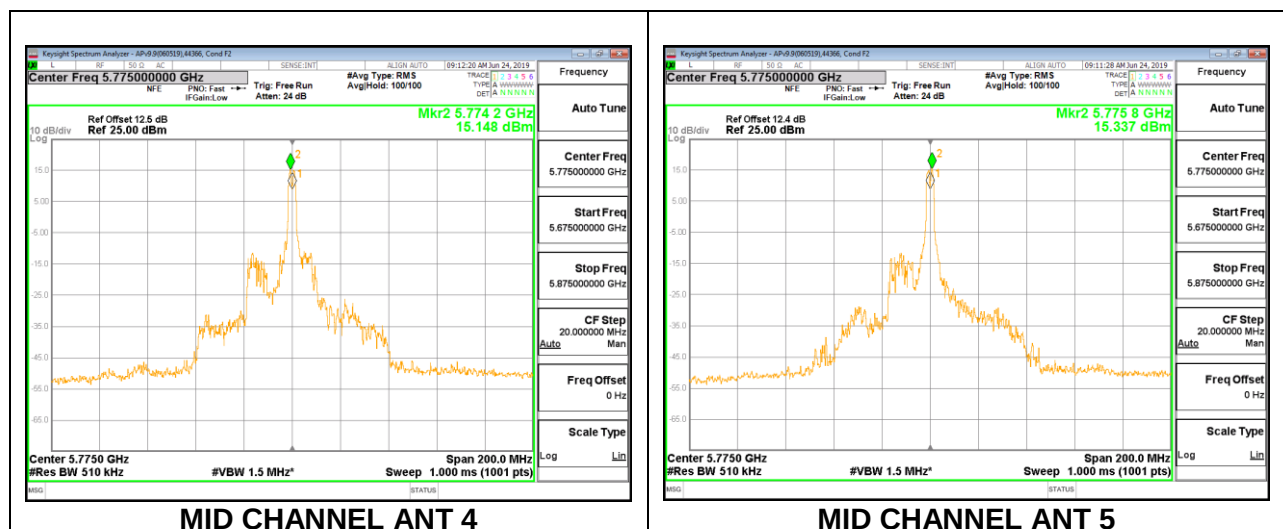
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power
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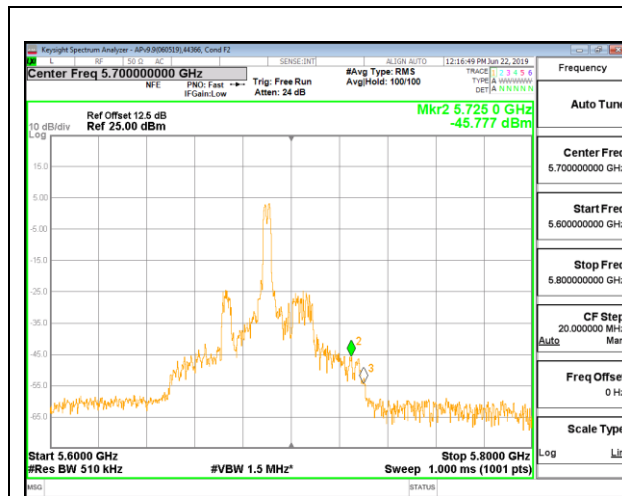
Output Power Results

Channel	Frequency (MHz)	Ant 4 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	20.110	20.150	23.140	30.00	-6.86
138	5690	-40.137	-39.235	-36.652	30.00	-66.65

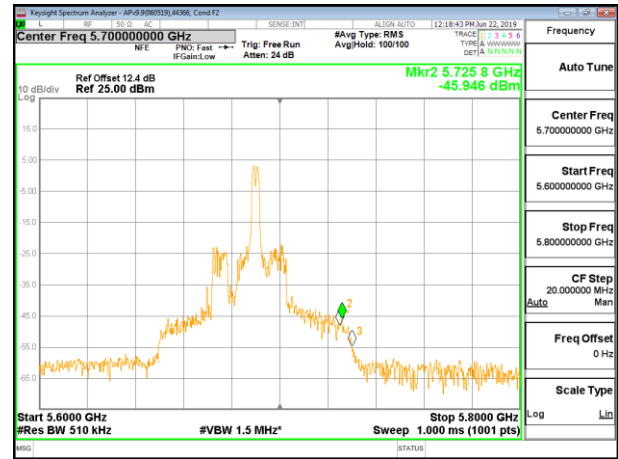
PSD Results

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	5755	15.148	15.337	18.254	30.00	-11.75
138	5690	-45.777	-45.946	-42.850	30.00	-72.85

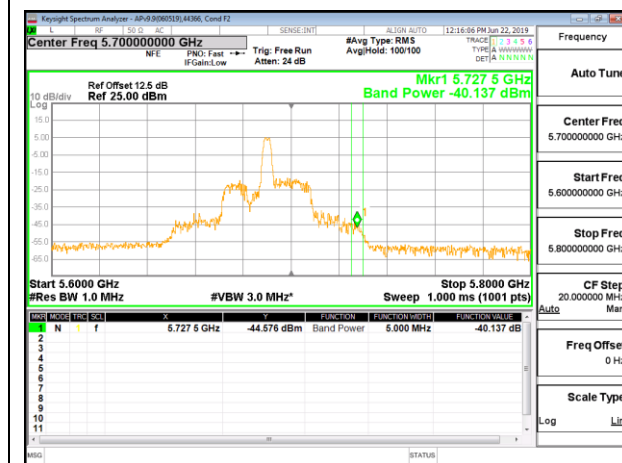




CHANNEL 138 ANT 4 PSD



CHANNEL 138 ANT 5 PSD



CHANNEL 138 ANT 4 POWER



CHANNEL 138 ANT 5 POWER

2TX Antenna 4 + Antenna 5 OFDMA MODE (FCC) – 26 Tones, RU Index 36**Antenna Gain and Limit**

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

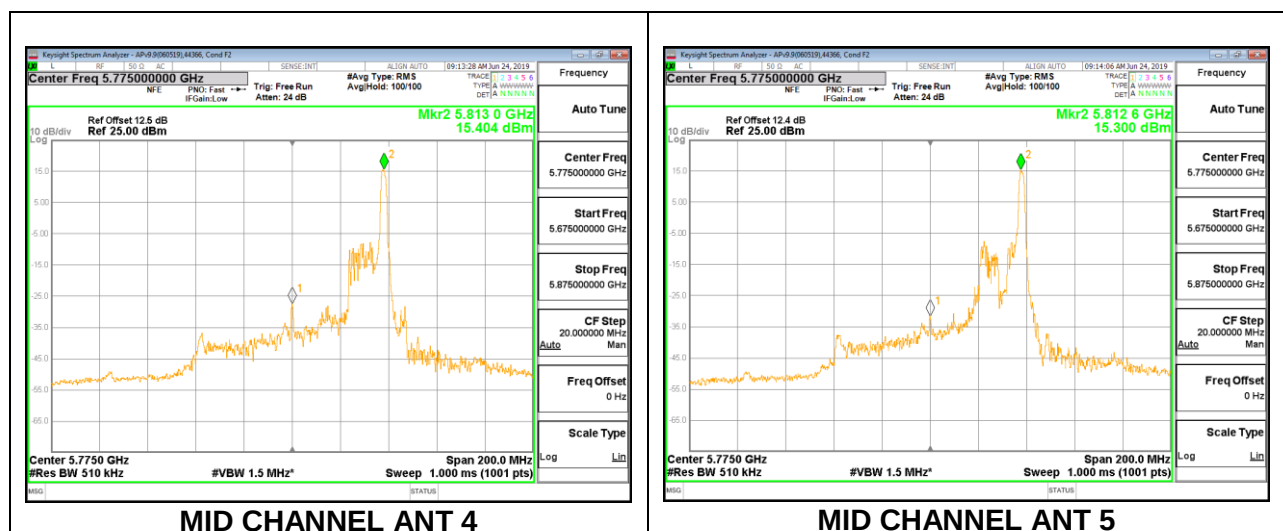
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power
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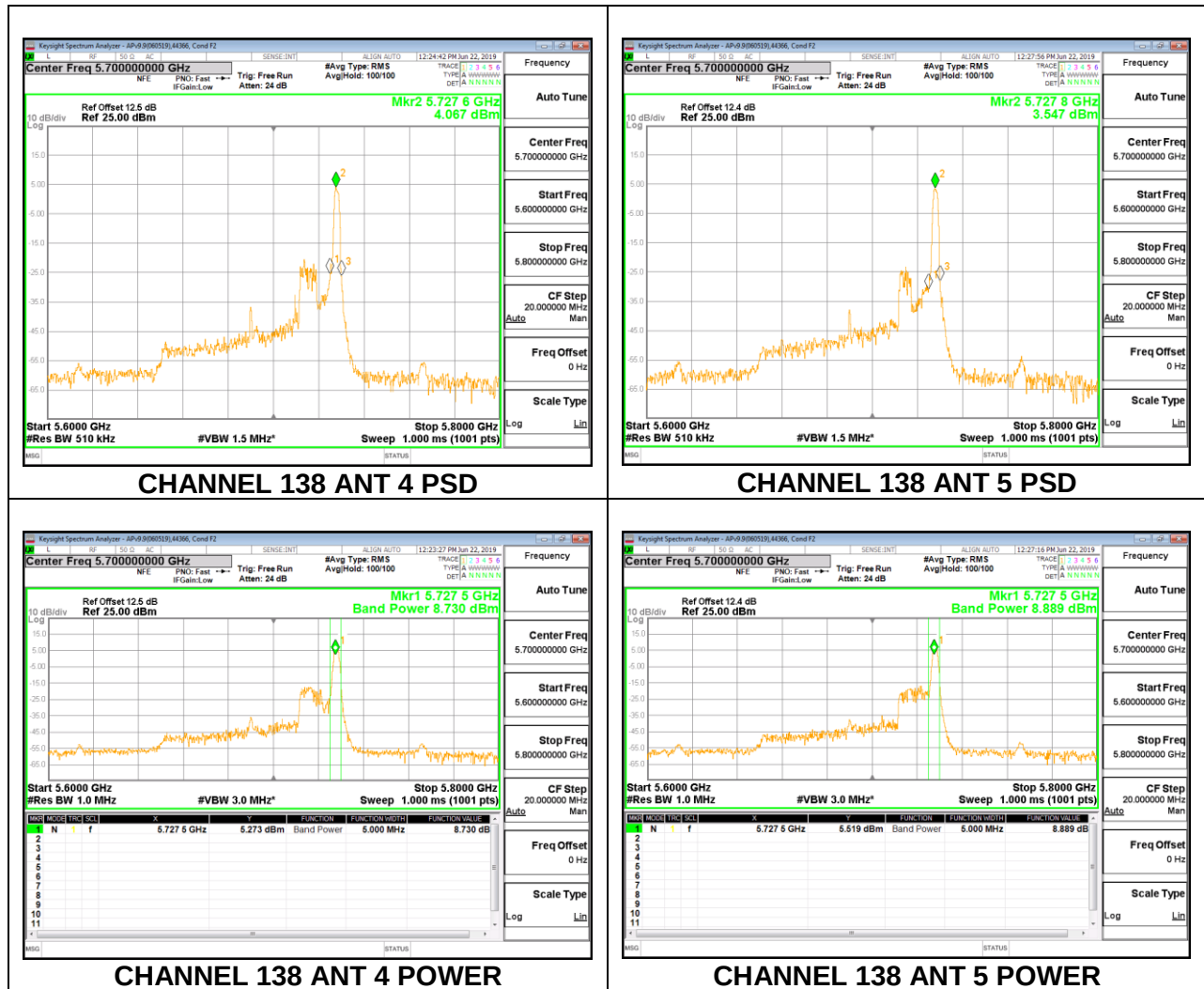
Output Power Results

Channel	Frequency (MHz)	Ant 4 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	20.170	20.130	23.160	30.00	-6.84
138	5690	8.730	8.889	11.821	30.00	-18.18

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	5755	15.404	15.300	18.363	30.00	-11.64
138	5690	4.067	3.547	6.825	30.00	-23.17





END OF TEST REPORT