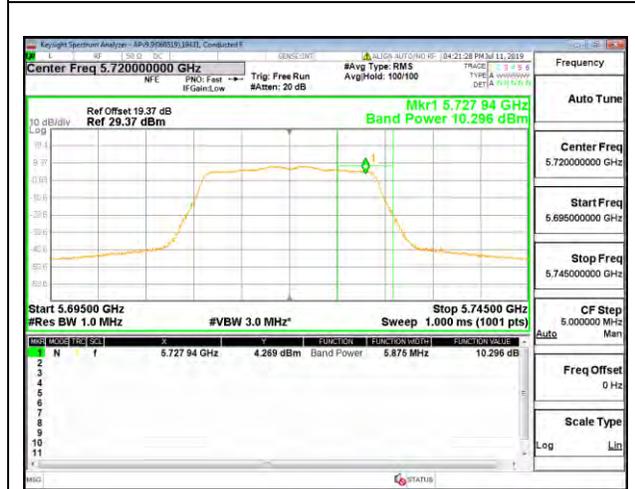




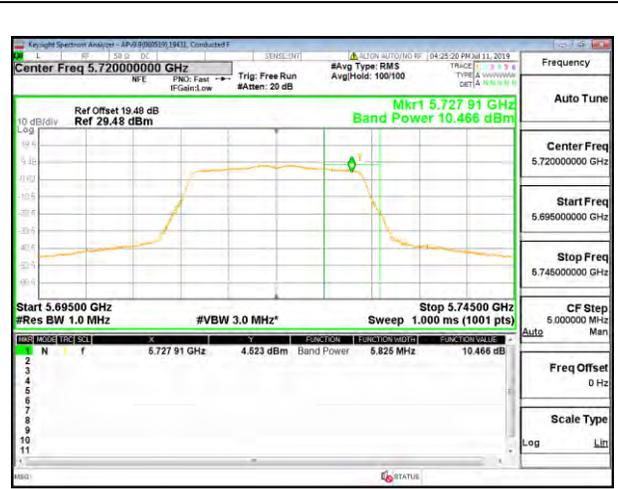
CHANNEL 144 ANT 6 PSD



CHANNEL 144 ANT 5 PSD



CHANNEL 144 ANT 6 POWER



CHANNEL 144 ANT 5 POWER

8.5.20. 802.11n HT40 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5755	-2.3	30.00	30.00
High	5795	-2.3	30.00	30.00
142	5710	-2.3	30.00	30.00

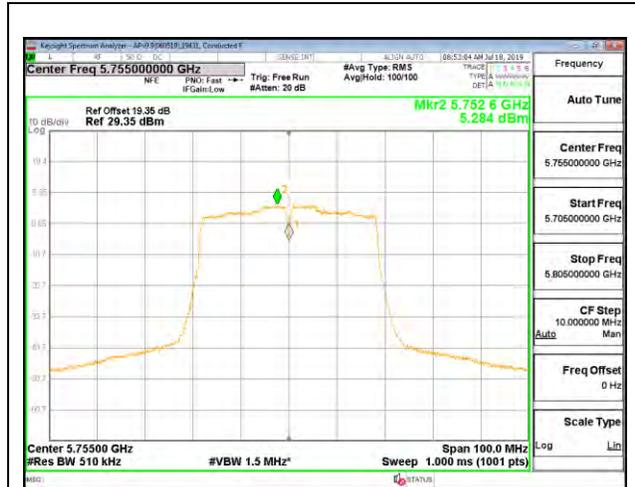
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.18	21.18	30.00	-8.82
High	5795	21.15	21.15	30.00	-8.85
142	5710	9.71	9.80	30.00	-20.20

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5755	5.284	5.374	30.00	-24.63
High	5795	5.273	5.363	30.00	-24.64
142	5710	2.456	2.546	30.00	-27.45



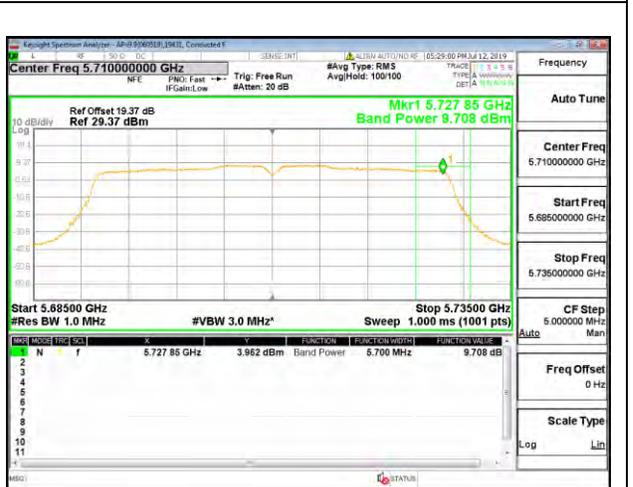
LOW CHANNEL



HIGH CHANNEL



CHANNEL 142 PSD



CHANNEL 142 POWER

1TX Antenna 5 MODE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Low	5755	-6.2	30.00	30.00
High	5795	-6.2	30.00	30.00
142	5710	-6.2	30.00	30.00

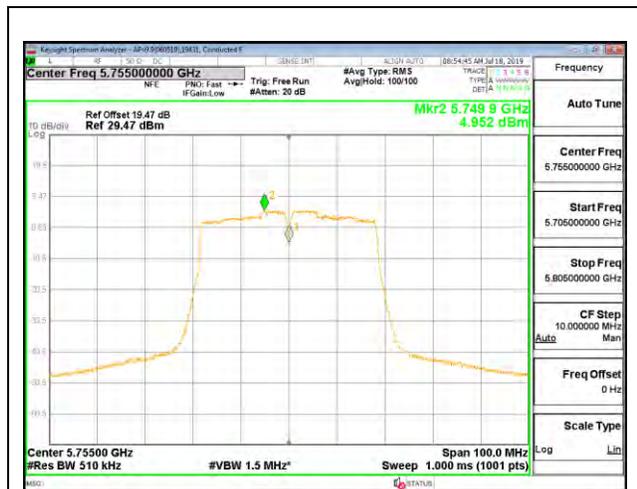
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd Power & PSD
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Output Power Results

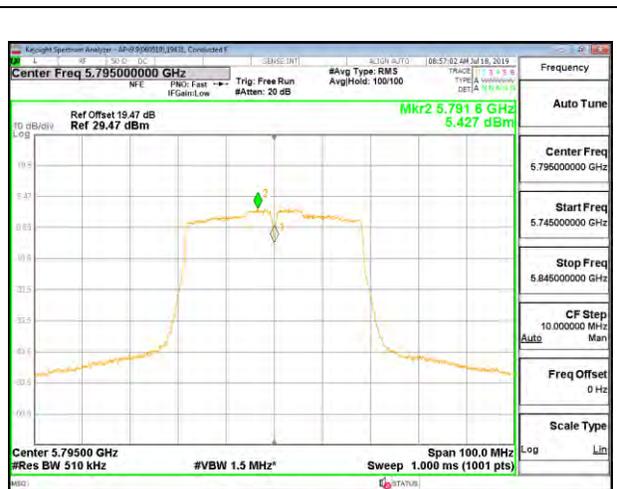
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.11	21.11	30.00	-8.89
High	5795	21.19	21.19	30.00	-8.81
142	5710	9.64	9.73	30.00	-20.27

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5755	4.952	5.042	30.00	-24.96
High	5795	5.427	5.517	30.00	-24.48
142	5710	2.482	2.572	30.00	-27.43



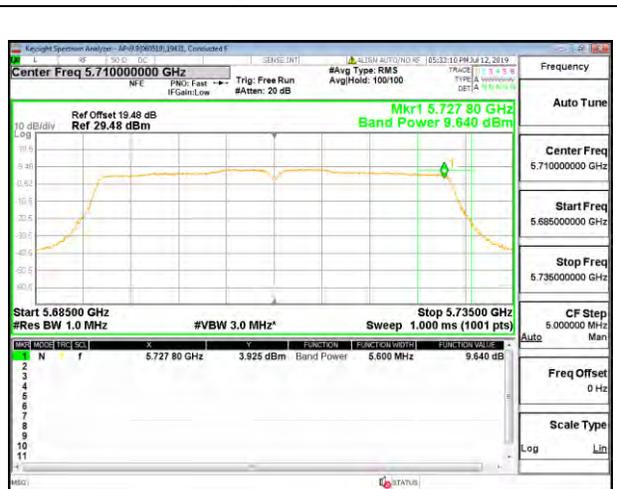
LOW CHANNEL



HIGH CHANNEL



CHANNEL 142 PSD



CHANNEL 142 POWER

2TX Antenna 6 + Antenna 5 CDD MODE

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/ 500KHz)
Low	5755	-3.83	-1.02	30.00	30.00
High	5795	-3.83	-1.02	30.00	30.00
142	5710	-3.83	-1.02	30.00	30.00

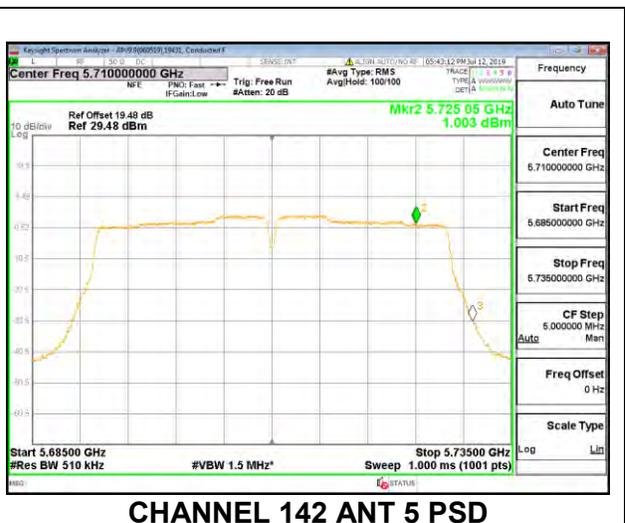
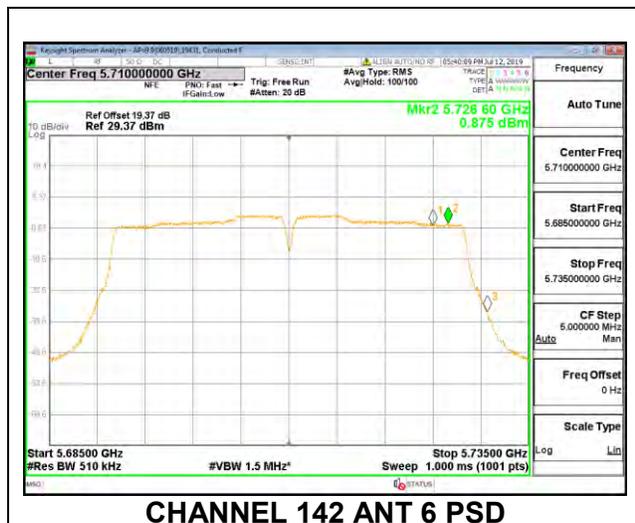
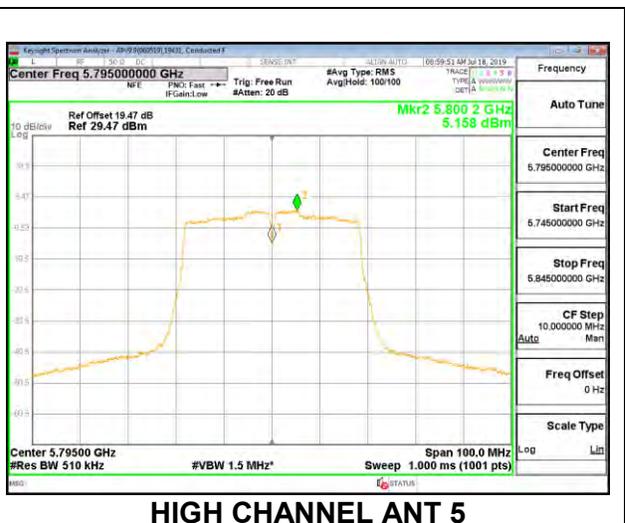
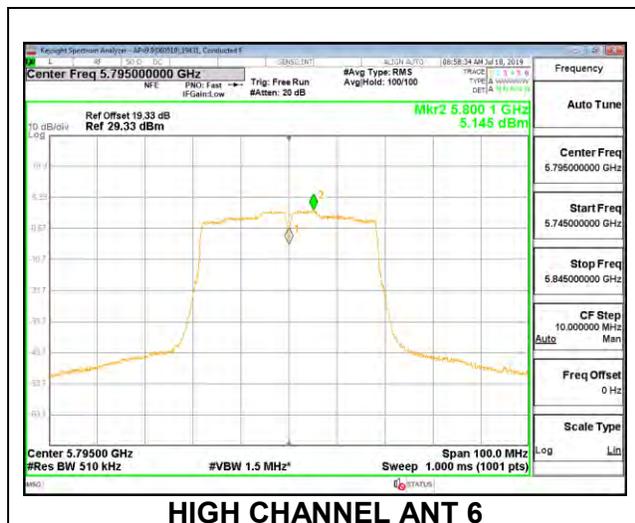
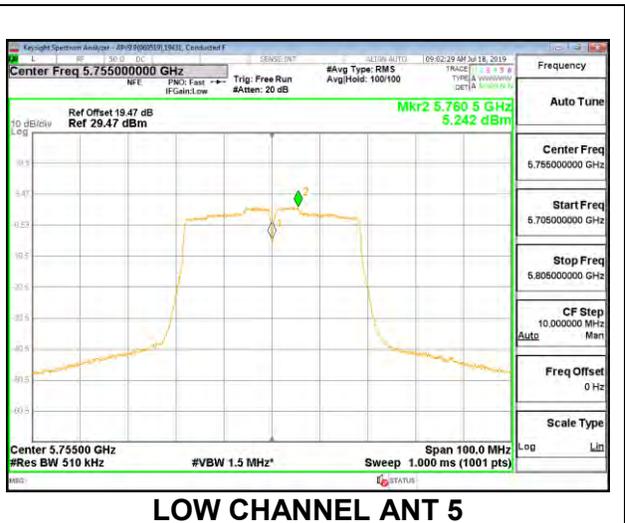
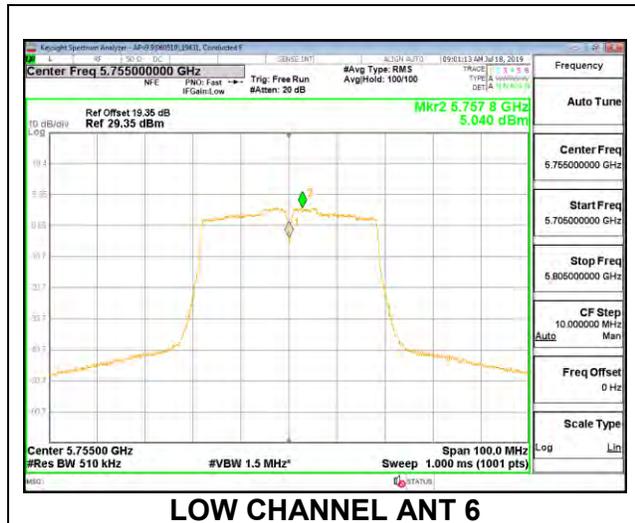
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd Power
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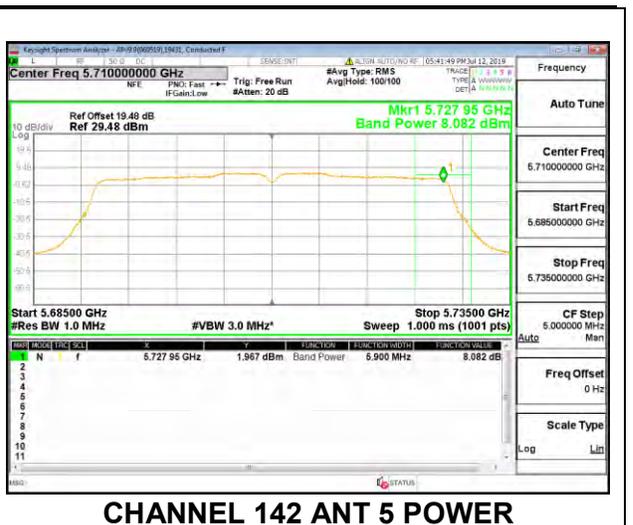
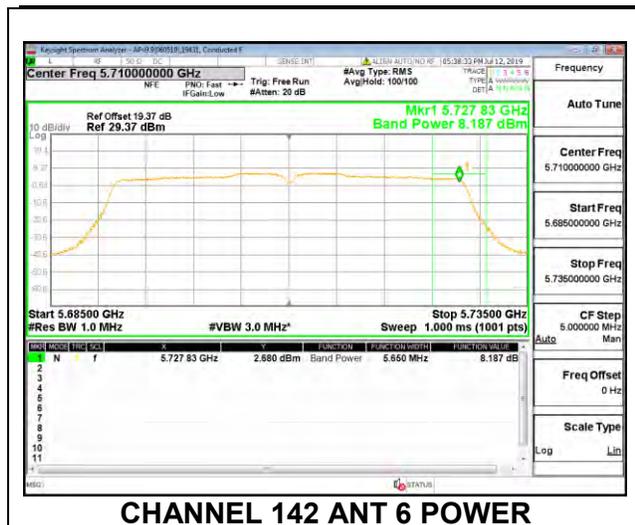
Output Power Results

Channel	Frequency (MHz)	ANT 6 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.13	21.20	24.18	30.00	-5.82
High	5795	21.17	21.18	24.19	30.00	-5.81
142	5710	8.19	8.08	11.24	30.00	-18.76

PSD Results

Channel	Frequency (MHz)	ANT 6 Meas PSD (dBm/ 500KHz)	ANT 5 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5755	5.040	5.242	8.242	30.00	-21.76
High	5795	5.145	5.158	8.252	30.00	-21.75
142	5710	0.875	1.003	4.040	30.00	-25.96





8.5.21. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Mid	5775	-2.3	30.00	30.00
138	5690	-2.3	30.00	30.00

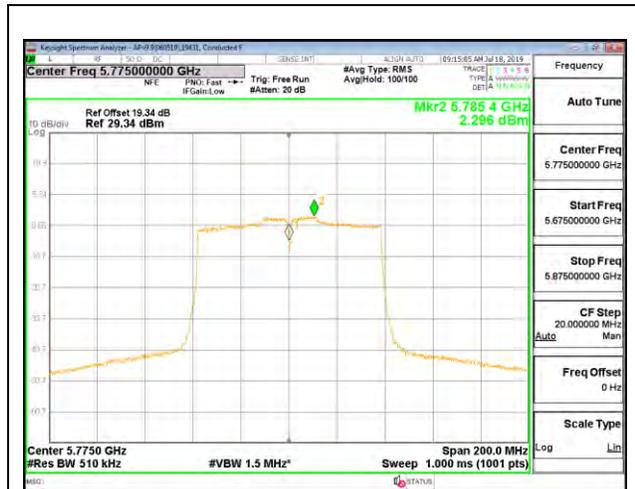
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd Power & PSD
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Output Power Results

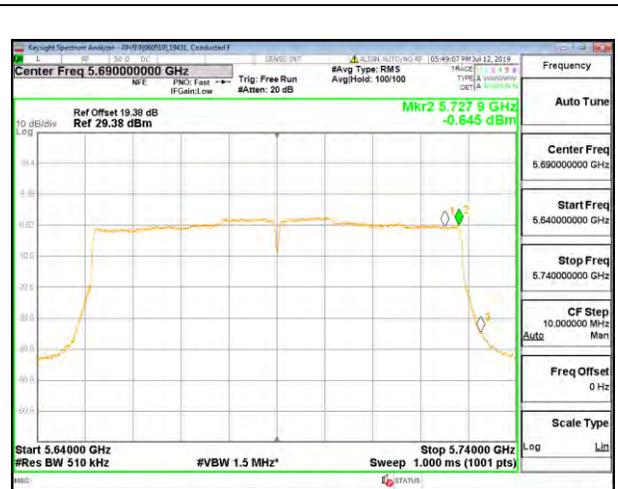
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.21	21.21	30.00	-8.79
138	5690	6.72	6.91	30.00	-23.10

PSD Results

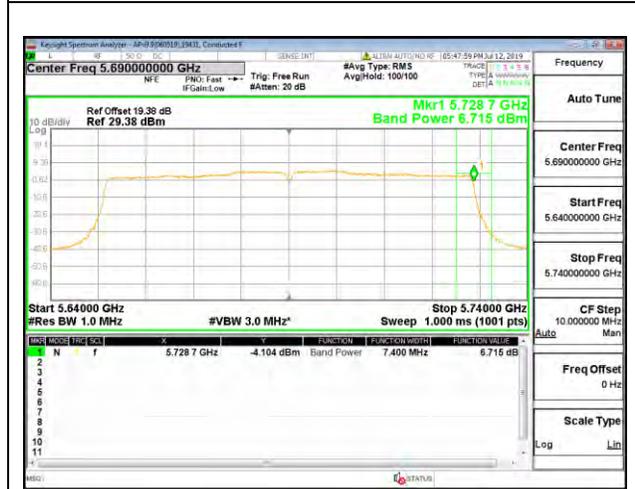
Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	2.296	2.486	30.00	-27.51
138	5690	-0.645	-0.455	30.00	-30.46



MID CHANNEL



CHANNEL 138 PSD



CHANNEL 138 POWER

1TX Antenna 5 MODE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
Mid	5775	-6.2	30.00	30.00
138	5690	-6.2	30.00	30.00

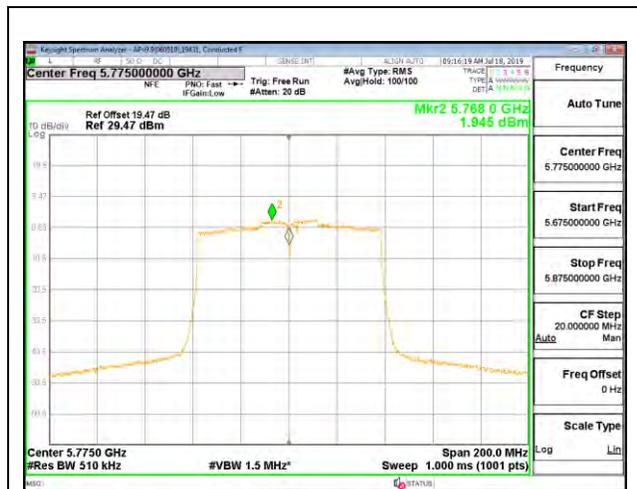
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd Power & PSD
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Output Power Results

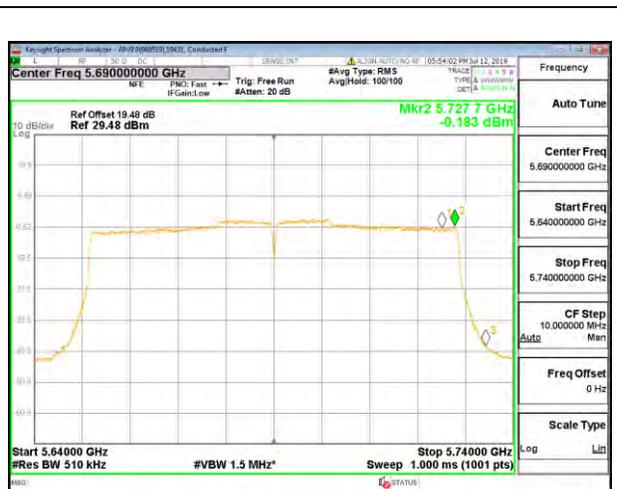
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.17	21.17	30.00	-8.83
138	5690	6.67	6.86	30.00	-23.14

PSD Results

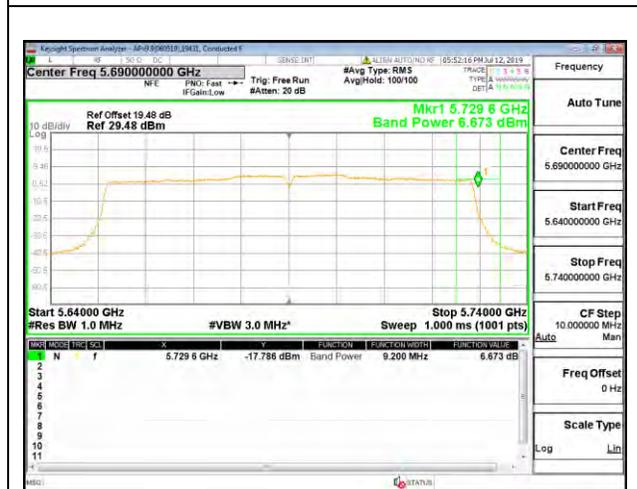
Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	1.945	2.135	30.00	-27.87
138	5690	-0.183	0.007	30.00	-29.99



MID CHANNEL



CHANNEL 138 PSD



CHANNEL 138 POWER

2TX Antenna 6 + Antenna 5 CDD MODE

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/ 500KHz)
Mid	5755	-3.83	-1.02	30.00	30.00
138	5690	-3.83	-1.02	30.00	30.00

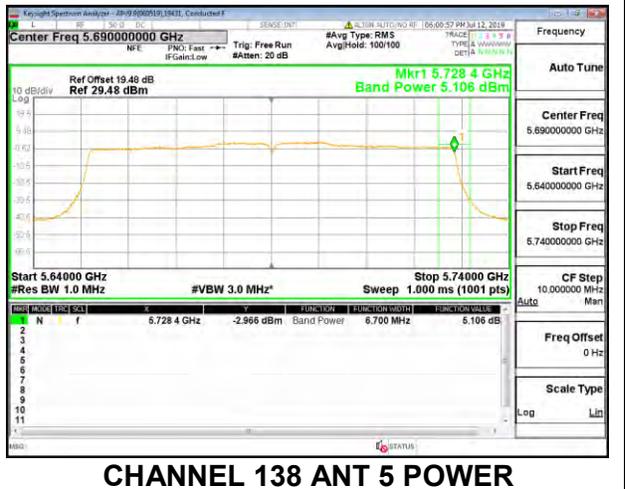
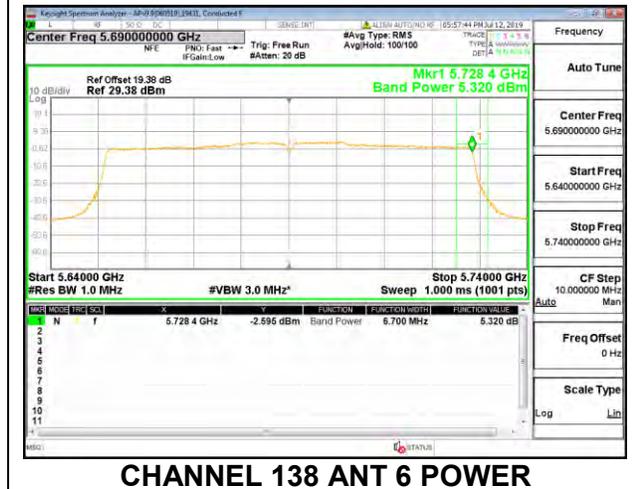
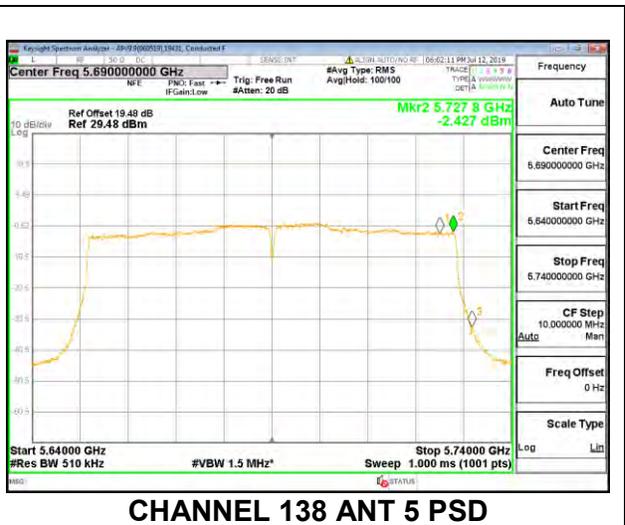
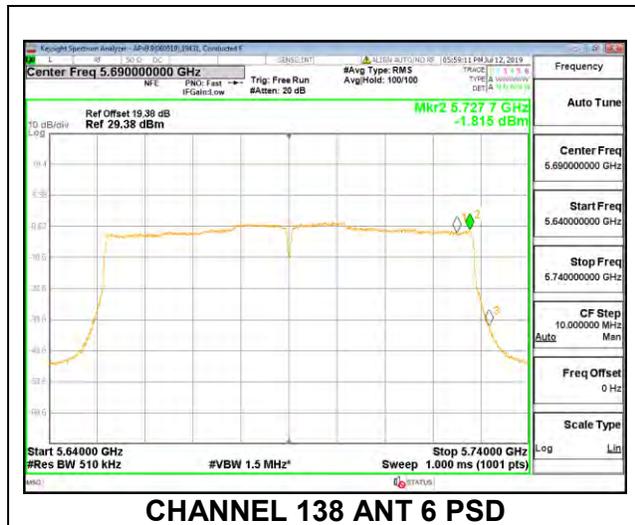
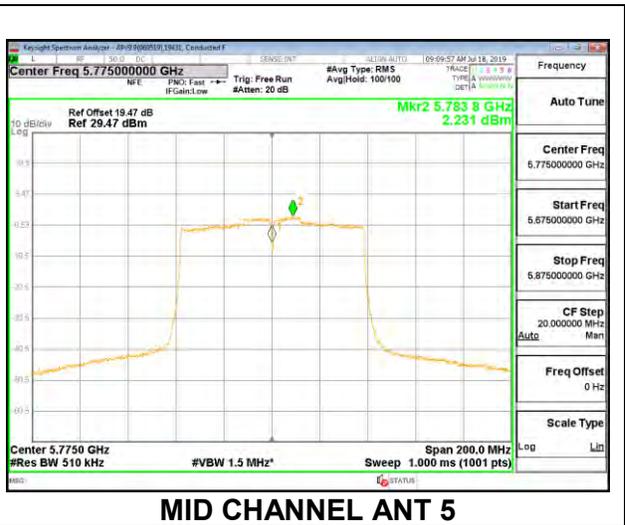
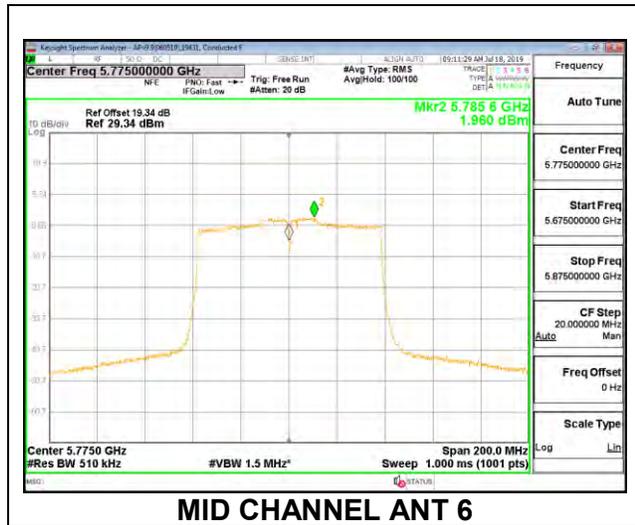
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd Power
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Output Power Results

Channel	Frequency (MHz)	ANT 6 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	21.16	21.21	24.20	30.00	-5.80
138	5690	5.32	5.11	8.41	30.00	-21.59

PSD Results

Channel	Frequency (MHz)	ANT 6 Meas PSD (dBm/ 500KHz)	ANT 5 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	1.960	2.231	5.298	30.00	-24.70
138	5690	-1.815	-2.427	1.090	30.00	-28.91



8.5.22. 802.11ax HE20 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE – 242 Tones, RU Index 61

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-2.3	30.00	30.00
Mid	5785	-2.3	30.00	30.00
High	5825	-2.3	30.00	30.00
144	5720	-2.3	30.00	30.00

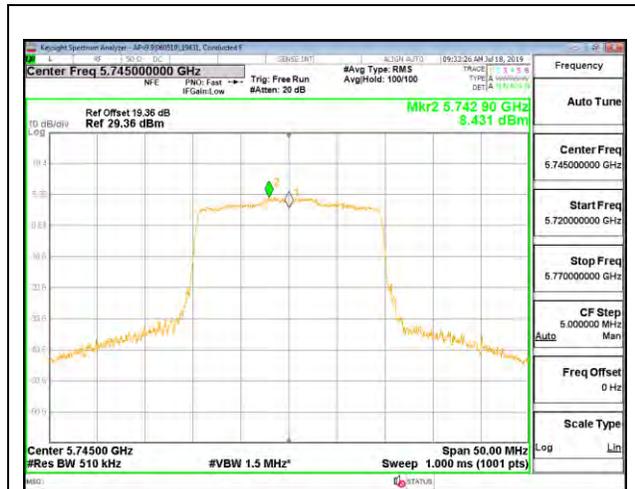
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

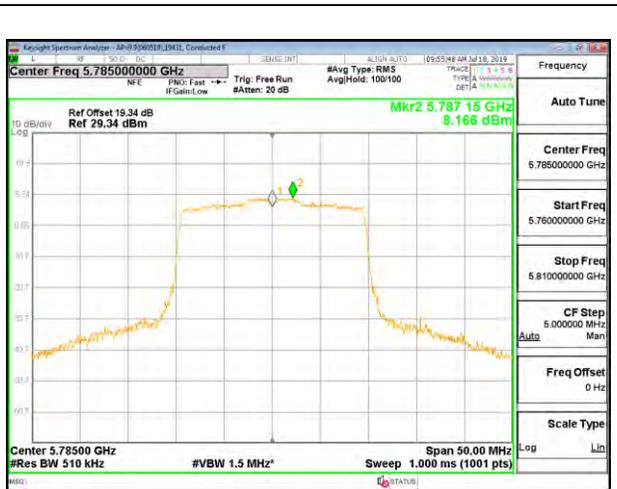
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.19	21.19	30.00	-8.81
Mid	5785	21.14	21.14	30.00	-8.86
High	5825	21.23	21.23	30.00	-8.77
144	5720	13.66	13.66	30.00	-16.34

PSD Results

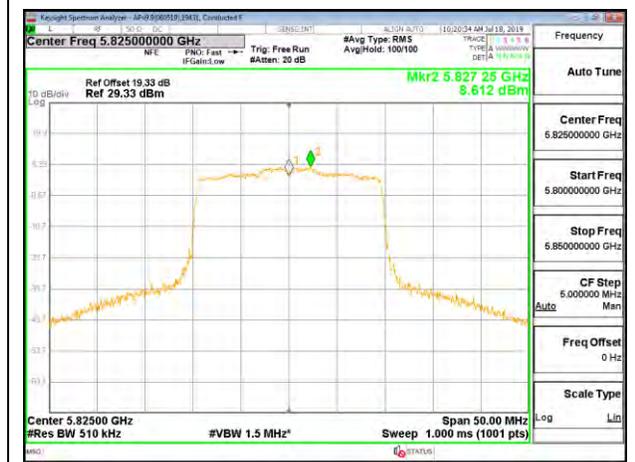
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	8.431	8.431	30.00	-21.57
Mid	5785	8.166	8.166	30.00	-21.83
High	5825	8.612	8.612	30.00	-21.39
144	5720	5.561	5.561	30.00	-24.44



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



CHANNEL 144 PSD



CHANNEL 144 POWER

1TX Antenna 6 MODE – 26 Tones, RU Index 0

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-2.3	30.00	30.00
Mid	5785	-2.3	30.00	30.00
High	5825	-2.3	30.00	30.00
144	5720	-2.3	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)
Low	5745	21.16	21.16	30.00	-8.84
Mid	5785	21.17	21.17	30.00	-8.83
High	5825	21.13	21.13	30.00	-8.87
144	5720	-17.34	-17.34	30.00	-47.34

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	16.309	16.309	30.00	-13.69
Mid	5785	16.386	16.386	30.00	-13.61
High	5825	16.167	16.167	30.00	-13.83
144	5720	-19.197	-19.197	30.00	-49.20



LOW CHANNEL



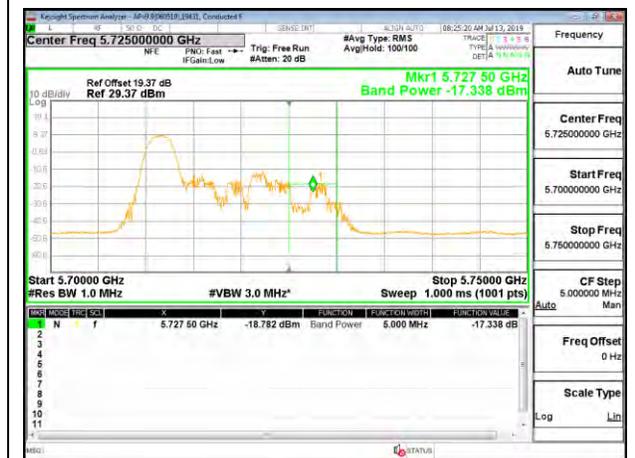
MID CHANNEL



HIGH CHANNEL



CHANNEL 144 PSD



CHANNEL 144 POWER

1TX Antenna 6 MODE – 26 Tones, RU Index 4

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-2.3	30.00	30.00
Mid	5785	-2.3	30.00	30.00
High	5825	-2.3	30.00	30.00
144	5720	-2.3	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)
Low	5745	21.12	21.12	30.00	-8.88
Mid	5785	21.15	21.15	30.00	-8.85
High	5825	21.17	21.17	30.00	-8.83
144	5720	-12.58	-12.58	30.00	-42.58

PSD Results

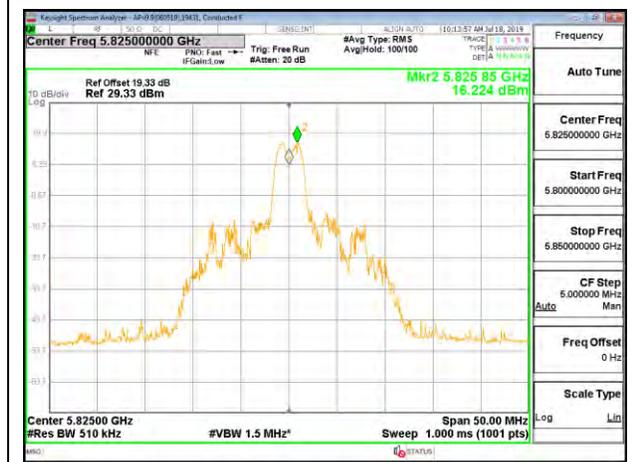
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	15.961	15.961	30.00	-14.04
Mid	5785	16.131	16.131	30.00	-13.87
High	5825	16.224	16.224	30.00	-13.78
144	5720	-18.767	-18.767	30.00	-48.77



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



CHANNEL 144 PSD



CHANNEL 144 POWER

1TX Antenna 6 MODE – 26 Tones, RU Index 8

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-2.3	30.00	30.00
Mid	5785	-2.3	30.00	30.00
High	5825	-2.3	30.00	30.00
144	5720	-2.3	30.00	30.00

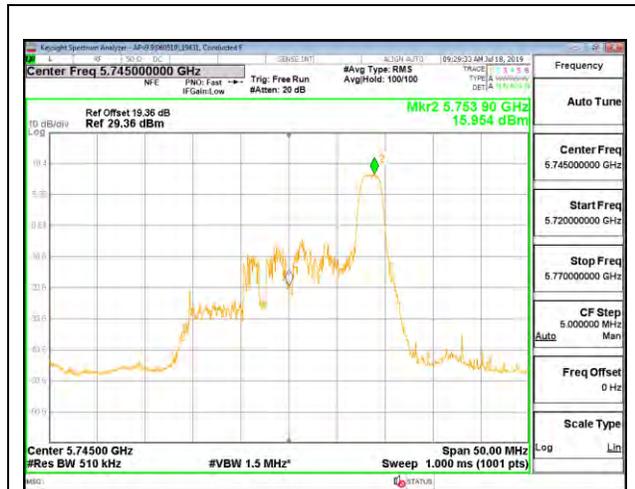
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

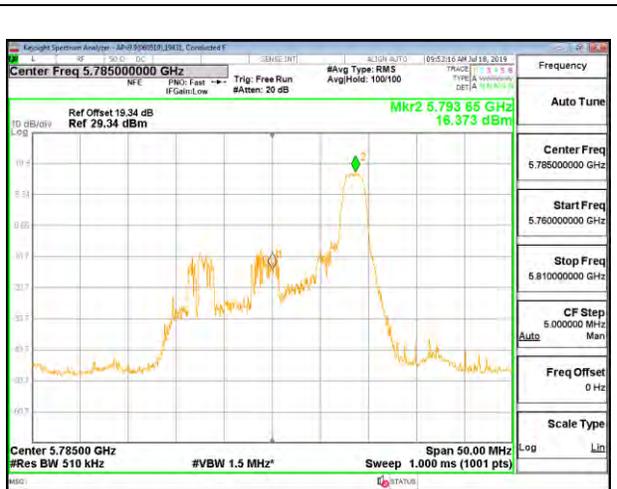
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.17	21.17	30.00	-8.83
Mid	5785	21.22	21.22	30.00	-8.78
High	5825	21.25	21.25	30.00	-8.75
144	5720	11.88	11.88	30.00	-18.12

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	15.954	15.954	30.00	-14.05
Mid	5785	16.373	16.373	30.00	-13.63
High	5825	16.734	16.734	30.00	-13.27
144	5720	7.081	7.081	30.00	-22.92



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



CHANNEL 144 PSD



CHANNEL 144 POWER

1TX Antenna 5 MODE – 242 Tones, RU Index 61

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-6.2	30.00	30.00
Mid	5785	-6.2	30.00	30.00
High	5825	-6.2	30.00	30.00
144	5720	-6.2	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

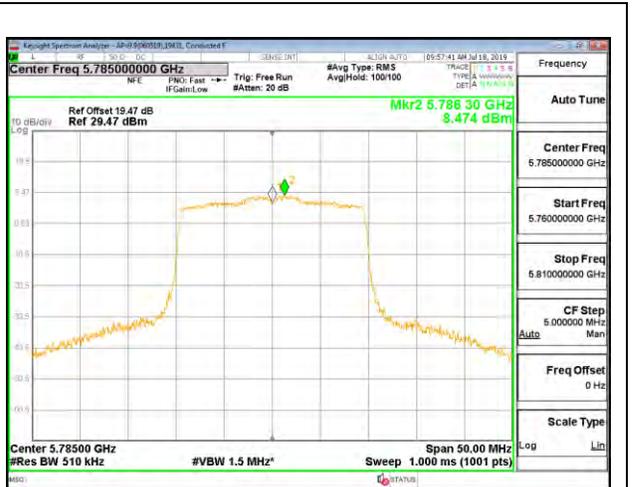
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.10	21.10	30.00	-8.90
Mid	5785	21.15	21.15	30.00	-8.85
High	5825	21.14	21.14	30.00	-8.86
144	5720	13.80	13.80	30.00	-16.21

PSD Results

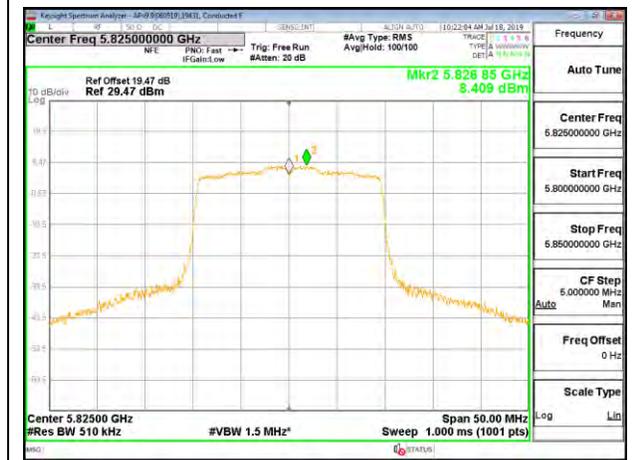
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	7.934	7.934	30.00	-22.07
Mid	5785	8.474	8.474	30.00	-21.53
High	5825	8.409	8.409	30.00	-21.59
144	5720	5.908	5.908	30.00	-24.09



LOW CHANNEL



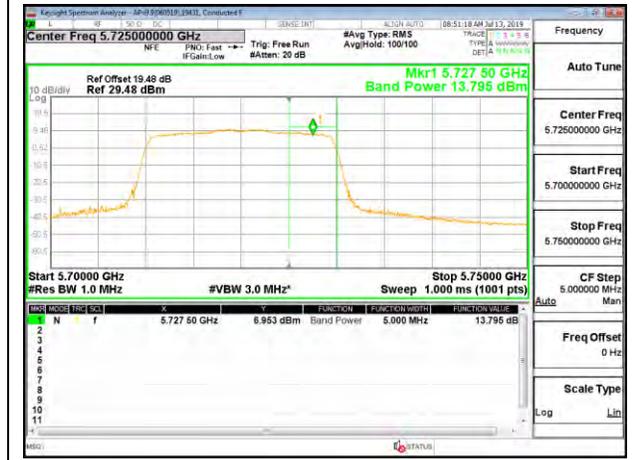
MID CHANNEL



HIGH CHANNEL



CHANNEL 144 PSD



CHANNEL 144 POWER

1TX Antenna 5 MODE – 26 Tones, RU Index 0

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-6.2	30.00	30.00
Mid	5785	-6.2	30.00	30.00
High	5825	-6.2	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)
Low	5745	21.12	21.12	30.00	-8.88
Mid	5785	21.23	21.23	30.00	-8.77
High	5825	21.19	21.19	30.00	-8.81
144	5720	-26.56	-26.56	30.00	-56.56

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	16.076	16.076	30.00	-13.92
Mid	5785	16.564	16.564	30.00	-13.44
High	5825	16.265	16.265	30.00	-13.74
144	5720	-30.968	-30.968	30.00	-60.97



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



CHANNEL 144 PSD



CHANNEL 144 POWER

1TX Antenna 5 MODE – 26 Tones, RU Index 4

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-6.2	30.00	30.00
Mid	5785	-6.2	30.00	30.00
High	5825	-6.2	30.00	30.00
144	5720	-6.2	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

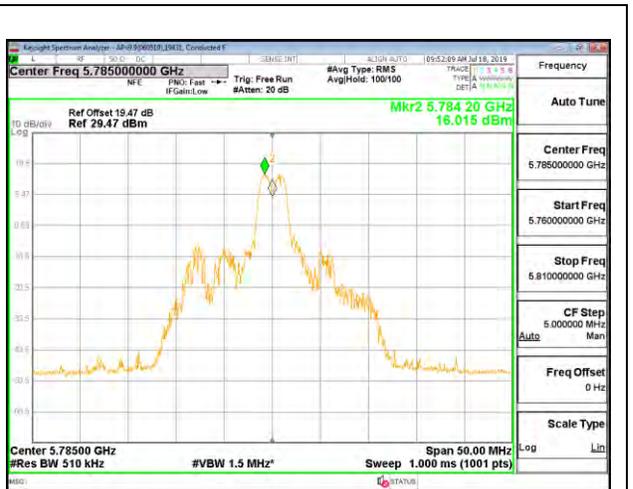
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.20	21.20	30.00	-8.80
Mid	5785	21.18	21.18	30.00	-8.82
High	5825	21.23	21.23	30.00	-8.77
144	5720	-15.01	-15.01	30.00	-45.01

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	16.127	16.127	30.00	-13.87
Mid	5785	16.015	16.015	30.00	-13.99
High	5825	16.413	16.413	30.00	-13.59
144	5720	-19.203	-19.203	30.00	-49.20



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



CHANNEL 144 PSD



CHANNEL 144 POWER

1TX Antenna 5 MODE – 26 Tones, RU Index 8

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5745	-6.2	30.00	30.00
Mid	5785	-6.2	30.00	30.00
High	5825	-6.2	30.00	30.00
144	5720	-6.2	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

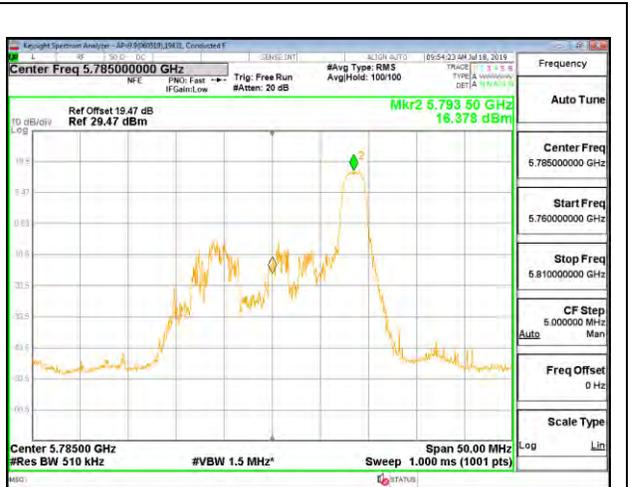
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.25	21.25	30.00	-8.75
Mid	5785	21.22	21.22	30.00	-8.78
High	5825	21.20	21.20	30.00	-8.80
144	5720	11.64	11.64	30.00	-18.36

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	16.525	16.525	30.00	-13.48
Mid	5785	16.378	16.378	30.00	-13.62
High	5825	16.202	16.202	30.00	-13.80
144	5720	6.582	6.582	30.00	-23.42



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



CHANNEL 144 PSD



CHANNEL 144 POWER

2TX Antenna 6 + Antenna 5 OFDMA MODE – 242 Tones, RU Index 61

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	5745	-3.83	-1.02	30.00	30.00
Mid	5785	-3.83	-1.02	30.00	30.00
High	5825	-3.83	-1.02	30.00	30.00
144	5720	-3.83	-1.02	30.00	30.00

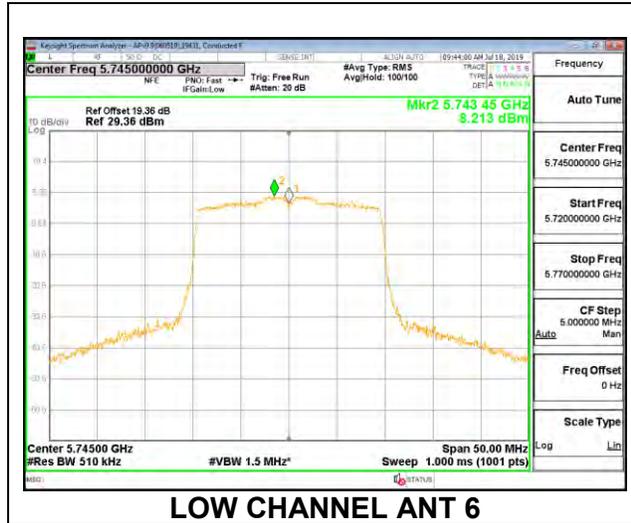
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

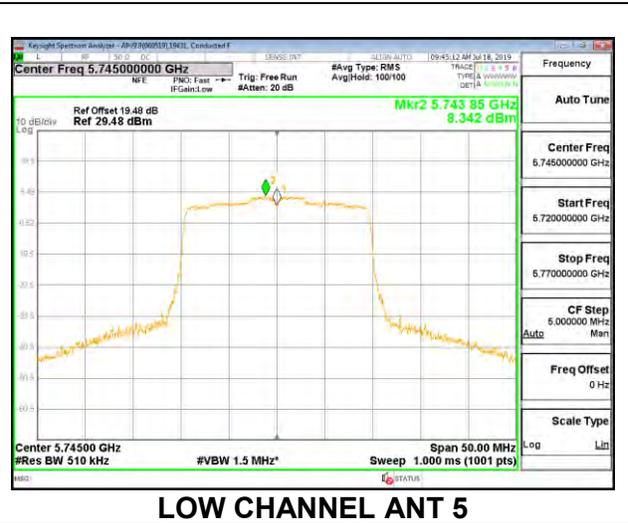
Channel	Frequency (MHz)	ANT 6 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.16	21.18	24.18	30.00	-5.82
Mid	5785	21.17	21.21	24.20	30.00	-5.80
High	5825	21.20	21.24	24.23	30.00	-5.77
144	5720	10.51	10.53	13.53	30.00	-16.47

PSD Results

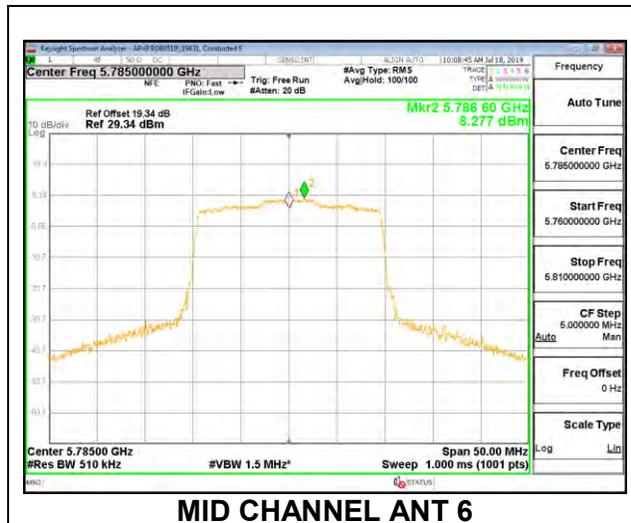
Channel	Frequency (MHz)	ANT 6 Meas PSD (dBm/ 1MHz)	ANT 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	8.213	8.342	11.288	30.00	-18.71
Mid	5785	8.277	8.544	11.423	30.00	-18.58
High	5825	8.475	8.926	11.717	30.00	-18.28
144	5720	2.605	2.422	5.525	30.00	-24.48



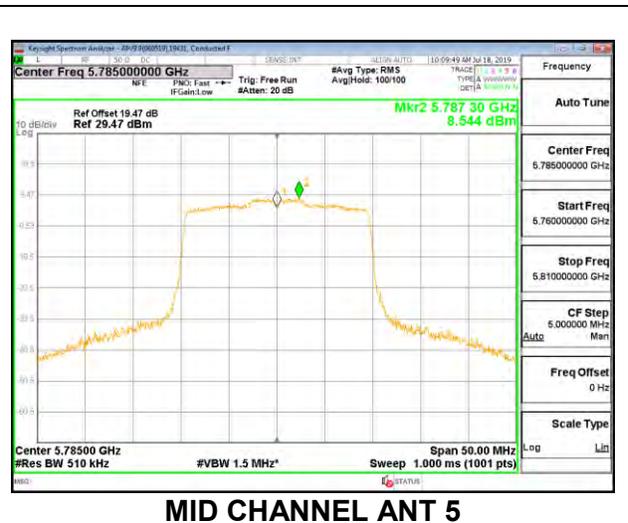
LOW CHANNEL ANT 6



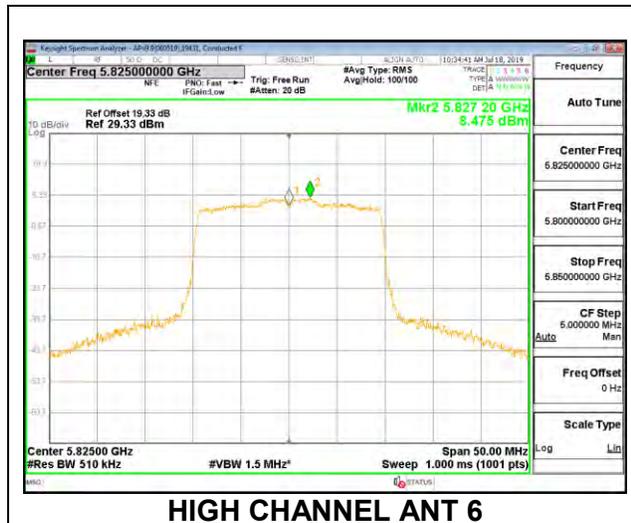
LOW CHANNEL ANT 5



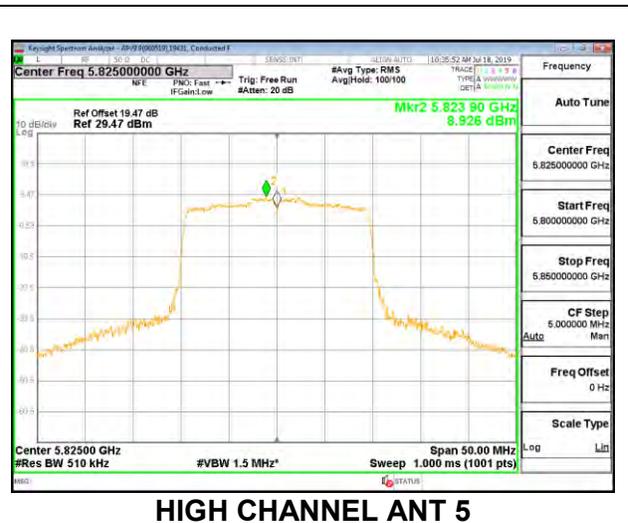
MID CHANNEL ANT 6



MID CHANNEL ANT 5



HIGH CHANNEL ANT 6



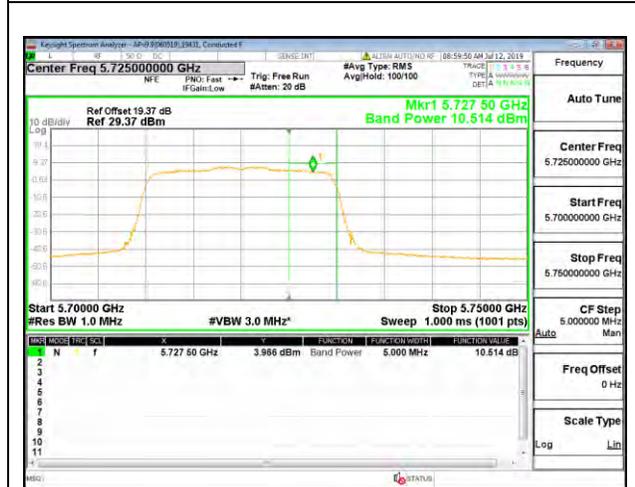
HIGH CHANNEL ANT 5



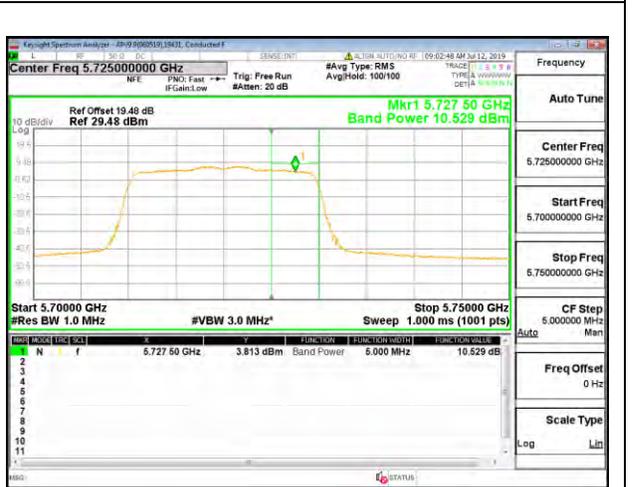
CHANNEL 144 ANT 6 PSD



CHANNEL 144 ANT 5 PSD



CHANNEL 144 ANT 6 POWER



CHANNEL 144 ANT 5 POWER

2TX Antenna 6 + Antenna 5 OFDMA MODE – 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	5745	-3.83	-1.02	30.00	30.00
Mid	5785	-3.83	-1.02	30.00	30.00
High	5825	-3.83	-1.02	30.00	30.00
144	5720	-3.83	-1.02	30.00	30.00

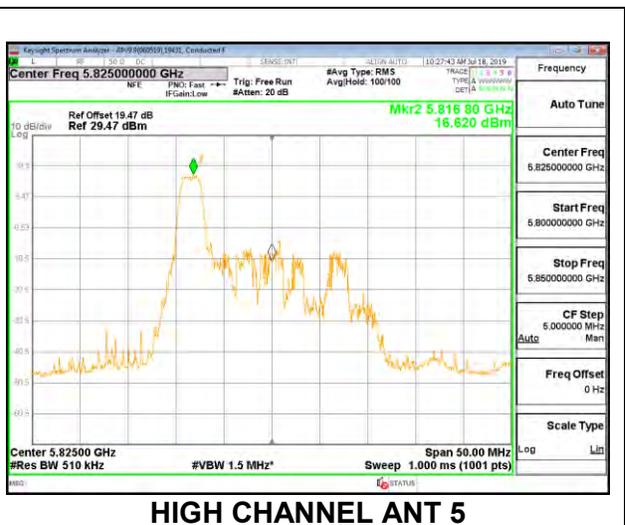
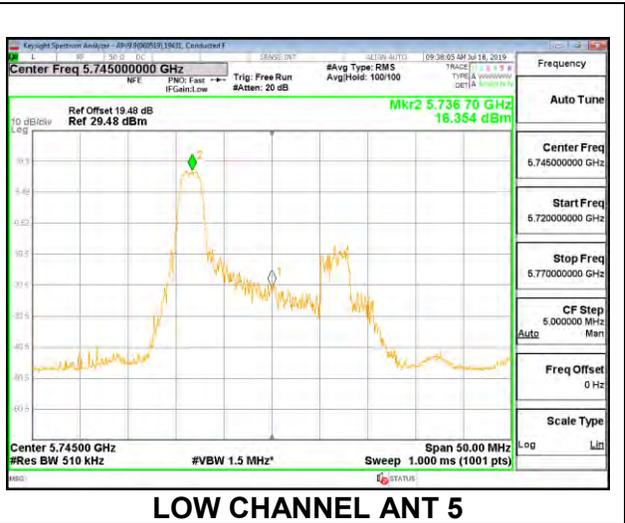
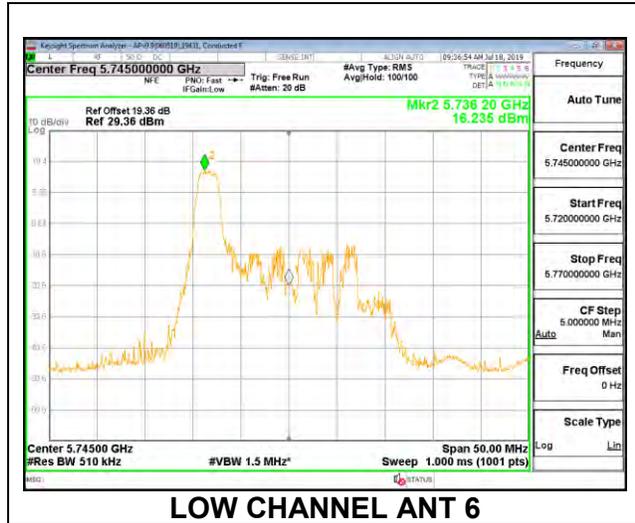
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	ANT 6 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.15	21.17	24.17	30.00	-5.83
Mid	5785	21.11	21.14	24.14	30.00	-5.86
High	5825	21.18	21.22	24.21	30.00	-5.79
144	5720	-17.92	-28.89	-17.59	30.00	-47.59

PSD Results

Channel	Frequency (MHz)	ANT 6 Meas PSD (dBm/ 1MHz)	ANT 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	16.235	16.354	19.305	30.00	-10.69
Mid	5785	16.035	16.121	19.089	30.00	-10.91
High	5825	16.417	16.620	19.530	30.00	-10.47
144	5720	-21.751	-29.333	-21.052	30.00	-51.05

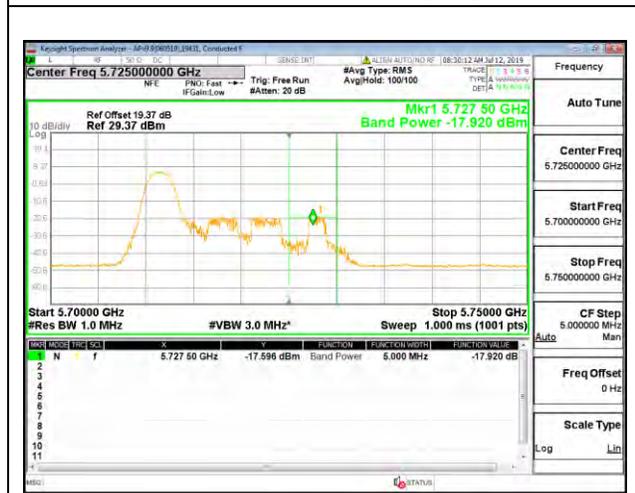




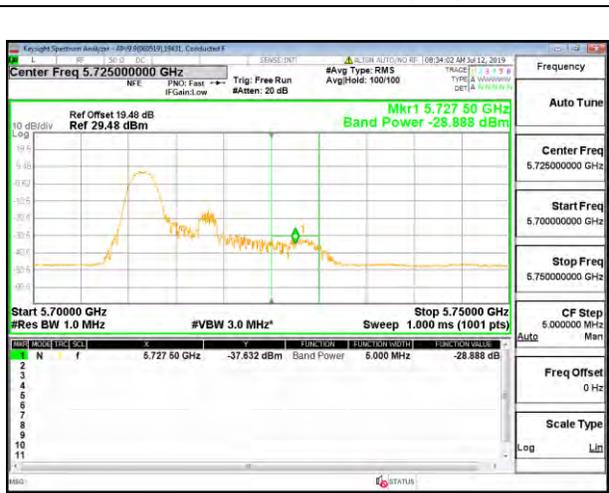
CHANNEL 144 ANT 6 PSD



CHANNEL 144 ANT 5 PSD



CHANNEL 144 ANT 6 POWER



CHANNEL 144 ANT 5 POWER

2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 4

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	5745	-3.83	-1.02	30.00	30.00
Mid	5785	-3.83	-1.02	30.00	30.00
High	5825	-3.83	-1.02	30.00	30.00
144	5720	-3.83	-1.02	30.00	30.00

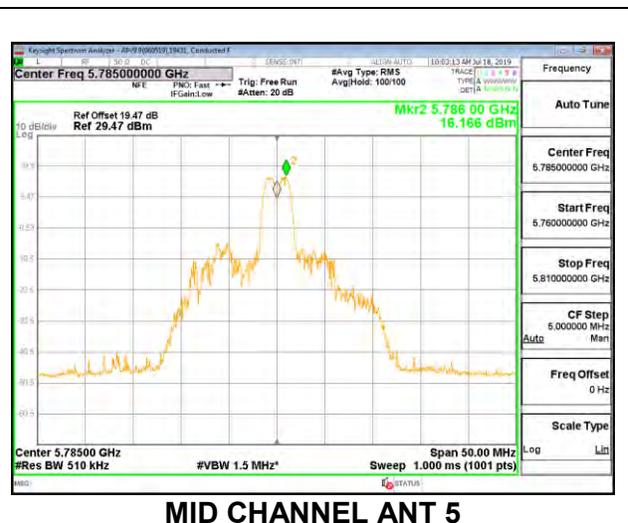
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	ANT 6 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.19	21.11	24.16	30.00	-5.84
Mid	5785	21.13	21.16	24.16	30.00	-5.84
High	5825	21.15	21.18	24.18	30.00	-5.82
144	5720	-24.20	-20.24	-18.77	30.00	-48.77

PSD Results

Channel	Frequency (MHz)	ANT 6 Meas PSD (dBm/ 1MHz)	ANT 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	16.344	15.873	19.125	30.00	-10.87
Mid	5785	16.068	16.166	19.128	30.00	-10.87
High	5825	16.139	16.304	19.233	30.00	-10.77
144	5720	-28.883	-21.034	-20.374	30.00	-50.37





CHANNEL 144 ANT 6 PSD



CHANNEL 144 ANT 5 PSD



CHANNEL 144 ANT 6 POWER



CHANNEL 144 ANT 5 POWER

2TX Antenna 6 + Antenna 5 OFDMA MODE – 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	5745	-3.83	-1.02	30.00	30.00
Mid	5785	-3.83	-1.02	30.00	30.00
High	5825	-3.83	-1.02	30.00	30.00
144	5720	-3.83	-1.02	30.00	30.00

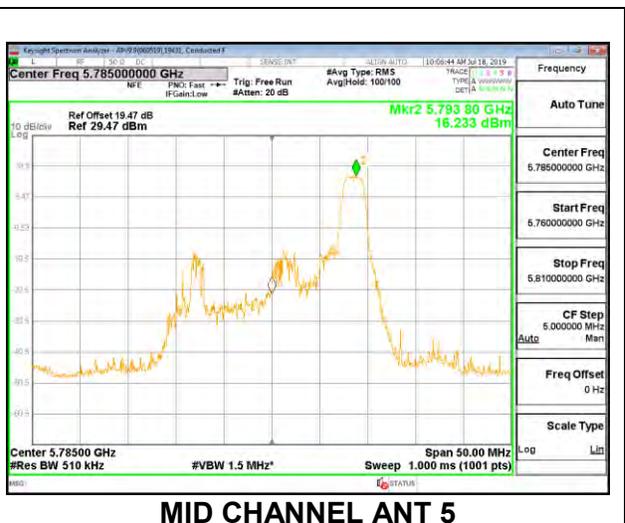
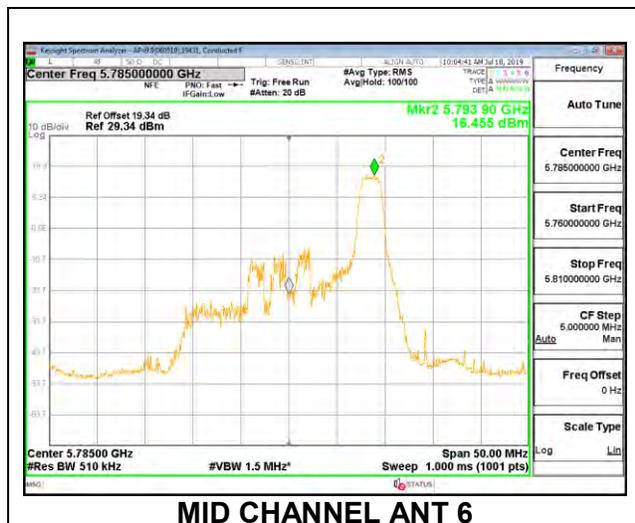
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	ANT 6 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.13	21.14	24.15	30.00	-5.85
Mid	5785	21.21	21.17	24.20	30.00	-5.80
High	5825	21.20	21.18	24.20	30.00	-5.80
144	5720	8.77	8.65	11.72	30.00	-18.28

PSD Results

Channel	Frequency (MHz)	ANT 6 Meas PSD (dBm/ 1MHz)	ANT 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5745	15.965	16.107	19.047	30.00	-10.95
Mid	5785	16.455	16.233	19.356	30.00	-10.64
High	5825	16.417	16.323	19.381	30.00	-10.62
144	5720	3.595	3.667	6.641	30.00	-23.36

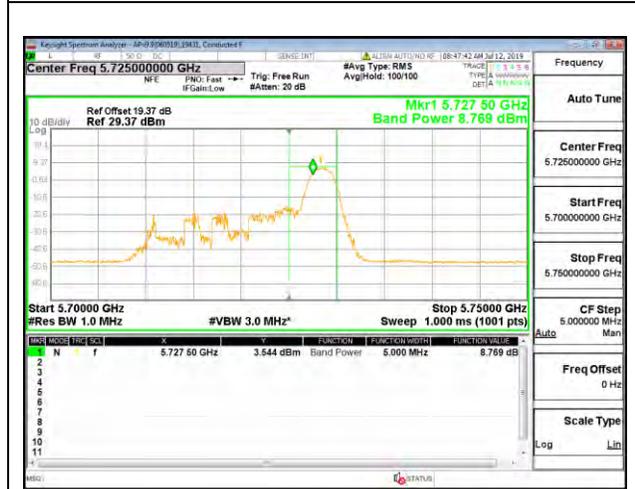




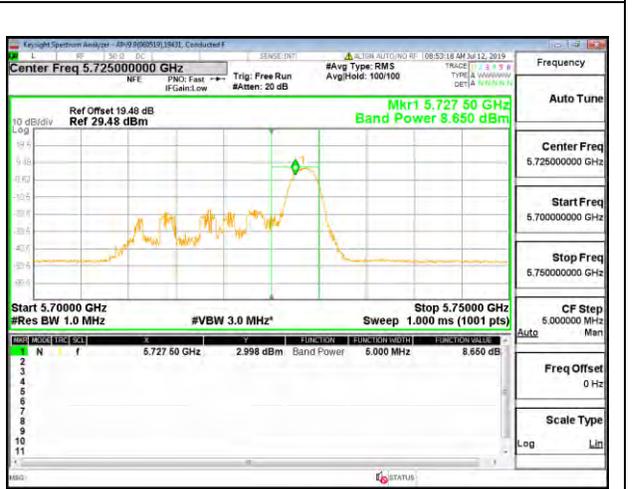
CHANNEL 144 ANT 6 PSD



CHANNEL 144 ANT 5 PSD



CHANNEL 144 ANT 6 POWER



CHANNEL 144 ANT 5 POWER

8.5.23. 802.11ax HE40 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE – 484 Tones, RU Index 65

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-2.3	30.00	30.00
High	5795	-2.3	30.00	30.00
142	5710	-2.3	30.00	30.00

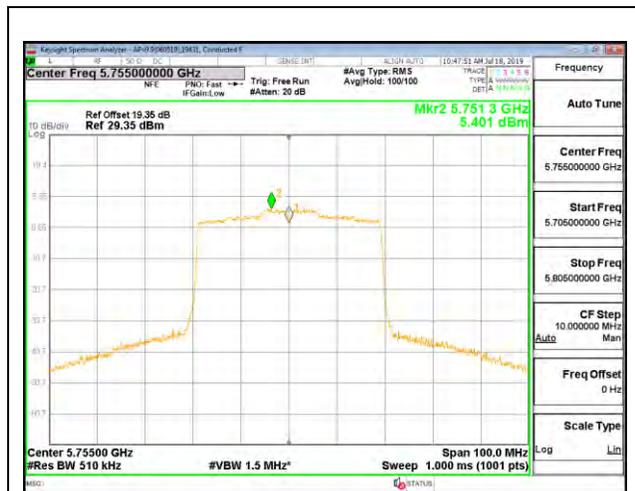
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

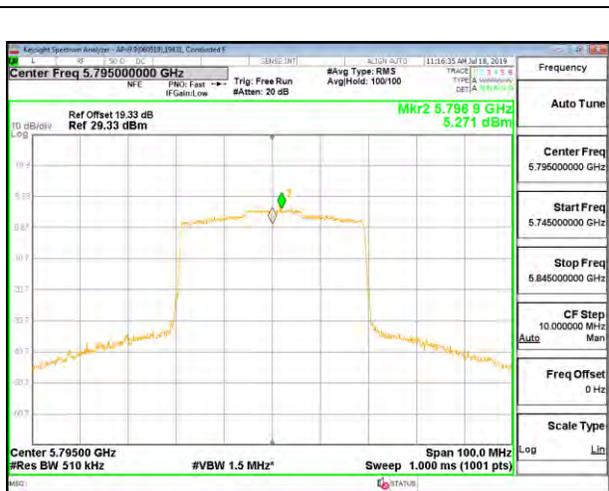
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.27	21.27	30.00	-8.73
High	5795	21.23	21.23	30.00	-8.77
142	5710	10.32	10.32	30.00	-19.68

PSD Results

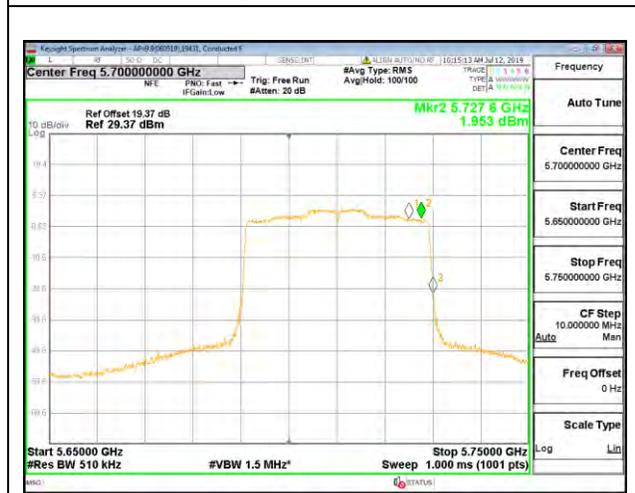
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	5.401	5.401	30.00	-24.60
High	5795	5.271	5.271	30.00	-24.73
142	5710	1.953	1.953	30.00	-28.05



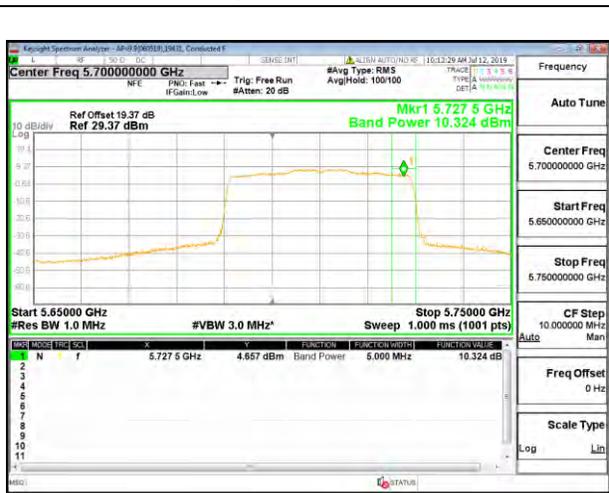
LOW CHANNEL



HIGH CHANNEL



CHANNEL 142 PSD



CHANNEL 142 POWER

1TX Antenna 6 MODE – 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)
Low	5755	-2.3	30.00	30.00
High	5795	-2.3	30.00	30.00
142	5710	-2.3	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)
Low	5755	21.22	21.22	30.00	-8.78
High	5795	21.17	21.17	30.00	-8.83
142	5710	-31.93	-31.93	30.00	-61.93

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	16.545	16.545	30.00	-13.46
High	5795	16.036	16.036	30.00	-13.96
142	5710	-40.397	-40.397	30.00	-70.40



1TX Antenna 6 MODE – 26 Tones, RU Index 8

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-2.3	30.00	30.00
High	5795	-2.3	30.00	30.00
142	5710	-2.3	30.00	30.00

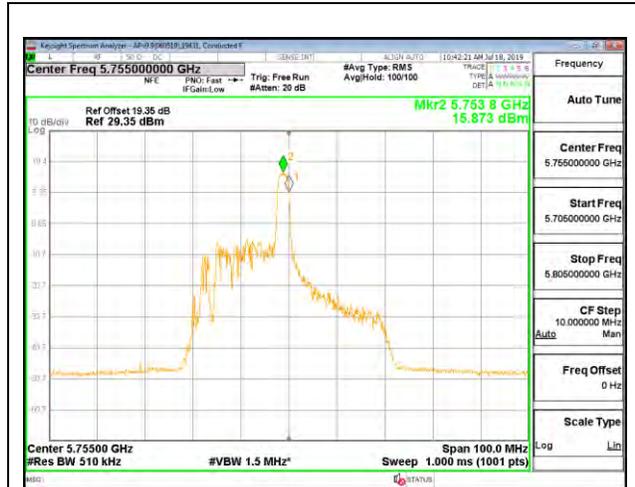
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.16	21.16	30.00	-8.84
High	5795	21.17	21.17	30.00	-8.83
142	5710	-30.11	-30.11	30.00	-60.11

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	15.873	15.873	30.00	-14.13
High	5795	15.958	15.958	30.00	-14.04
142	5710	-17.792	-17.792	30.00	-47.79



LOW CHANNEL



HIGH CHANNEL



CHANNEL 142 PSD



CHANNEL 142 POWER

1TX Antenna 6 MODE – 26 Tones, RU Index 17

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-2.3	30.00	30.00
High	5795	-2.3	30.00	30.00
142	5710	-2.3	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

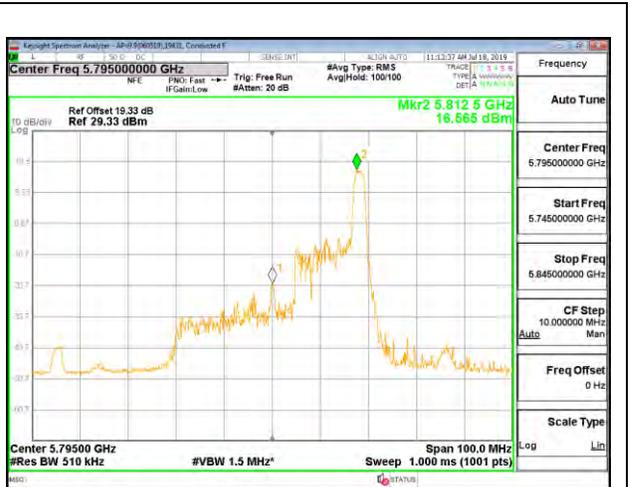
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.20	21.20	30.00	-8.80
High	5795	21.24	21.24	30.00	-8.76
142	5710	11.82	11.82	30.00	-18.18

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	16.239	16.239	30.00	-13.76
High	5795	16.565	16.565	30.00	-13.44
142	5710	6.369	6.369	30.00	-23.63



LOW CHANNEL



HIGH CHANNEL



CHANNEL 142 PSD



CHANNEL 142 POWER

1TX Antenna 5 MODE – 484 Tones, RU Index 65

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-6.2	30.00	30.00
High	5795	-6.2	30.00	30.00
142	5710	-6.2	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)
Low	5755	21.16	21.16	30.00	-8.84
High	5795	21.15	21.15	30.00	-8.85
142	5710	10.31	10.31	30.00	-19.69

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	5.455	5.455	30.00	-24.55
High	5795	5.423	5.423	30.00	-24.58
142	5710	2.194	2.194	30.00	-27.81



LOW CHANNEL



HIGH CHANNEL



CHANNEL 142 PSD



CHANNEL 142 POWER

1TX Antenna 5 MODE – 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)
Low	5755	-6.2	30.00	30.00
High	5795	-6.2	30.00	30.00
142	5710	-6.2	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)
Low	5755	21.19	21.19	30.00	-8.81
High	5795	21.21	21.21	30.00	-8.79
142	5710	-32.10	-32.10	30.00	-62.10

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	15.987	15.987	30.00	-14.01
High	5795	16.102	16.102	30.00	-13.90
142	5710	-38.907	-38.907	30.00	-68.91



1TX Antenna 5 MODE – 26 Tones, RU Index 8

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-6.2	30.00	30.00
High	5795	-6.2	30.00	30.00
142	5710	-6.2	30.00	30.00

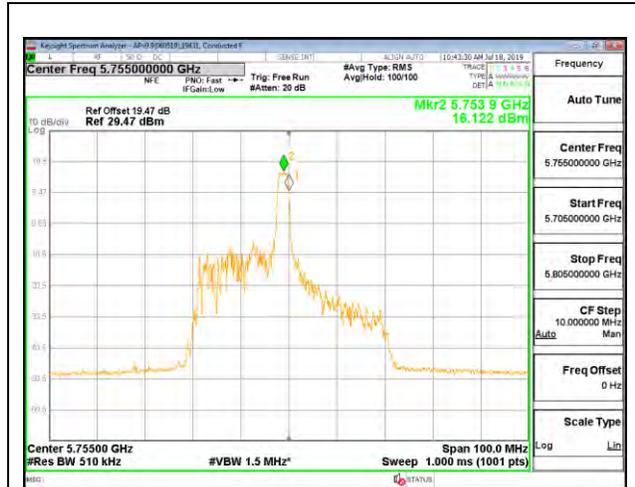
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.21	21.21	30.00	-8.79
High	5795	21.23	21.23	30.00	-8.77
142	5710	-11.45	-11.45	30.00	-41.45

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	16.122	16.122	30.00	-13.88
High	5795	16.260	16.260	30.00	-13.74
142	5710	-20.990	-20.990	30.00	-50.99



LOW CHANNEL



HIGH CHANNEL



CHANNEL 142 PSD



CHANNEL 142 POWER

1TX Antenna 5 MODE – 26 Tones, RU Index 17

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISE Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 1MHz)
Low	5755	-6.2	30.00	30.00
High	5795	-6.2	30.00	30.00
142	5710	-6.2	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)
Low	5755	21.21	21.21	30.00	-8.79
High	5795	21.26	21.26	30.00	-8.74
142	5710	11.64	11.64	30.00	-18.37

PSD Results

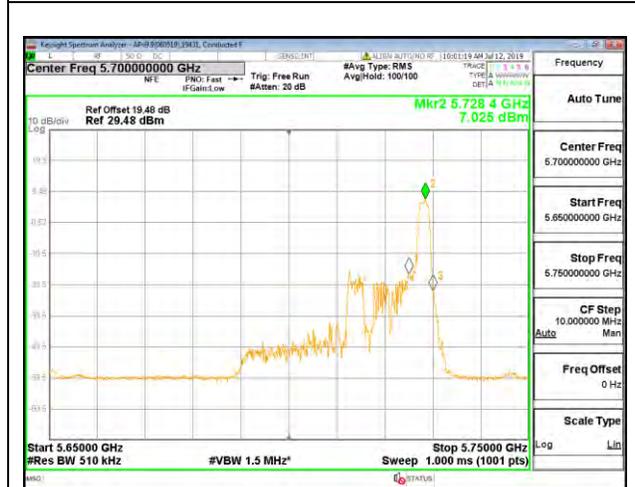
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5755	16.162	16.162	30.00	-13.84
High	5795	16.583	16.583	30.00	-13.42
142	5710	7.025	7.025	30.00	-22.98



LOW CHANNEL



HIGH CHANNEL



CHANNEL 142 PSD



CHANNEL 142 POWER

2TX Antenna 6 + Antenna 5 OFDMA MODE – 484 Tones, RU Index 65

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	-3.83	-1.02	30.00	30.00
High	5795	-3.83	-1.02	30.00	30.00
142	5710	-3.83	-1.02	30.00	30.00

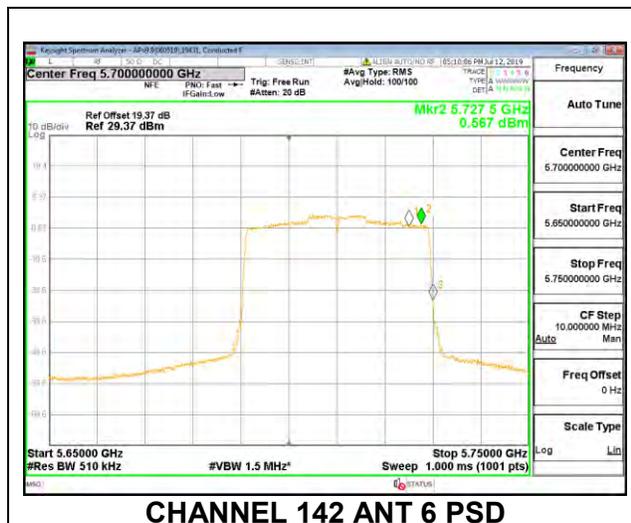
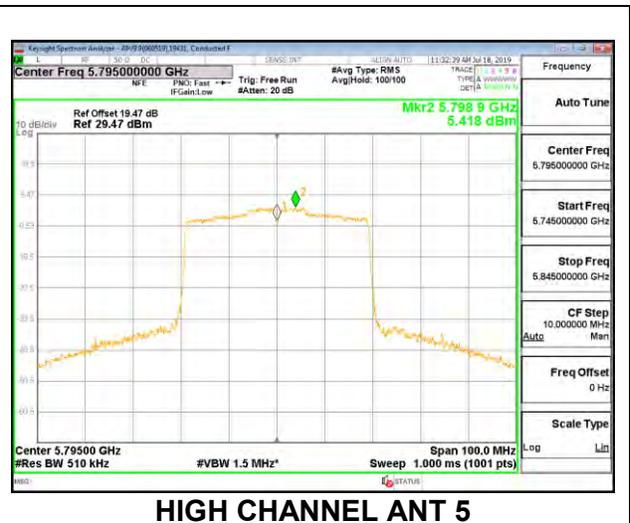
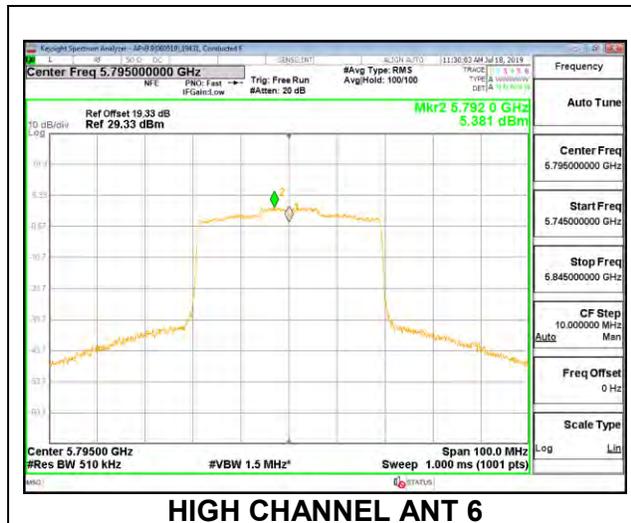
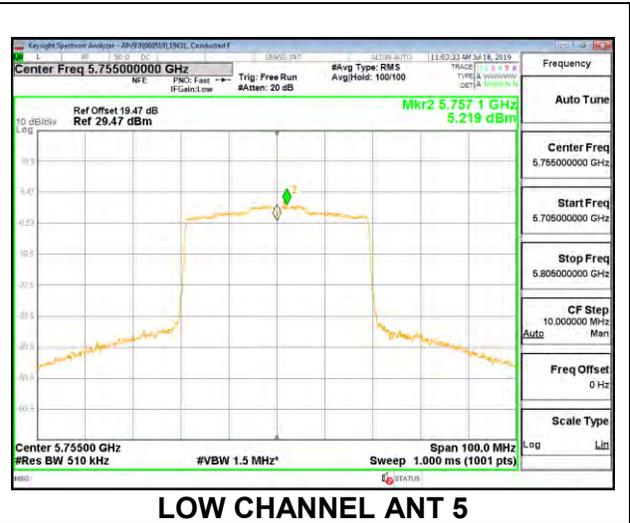
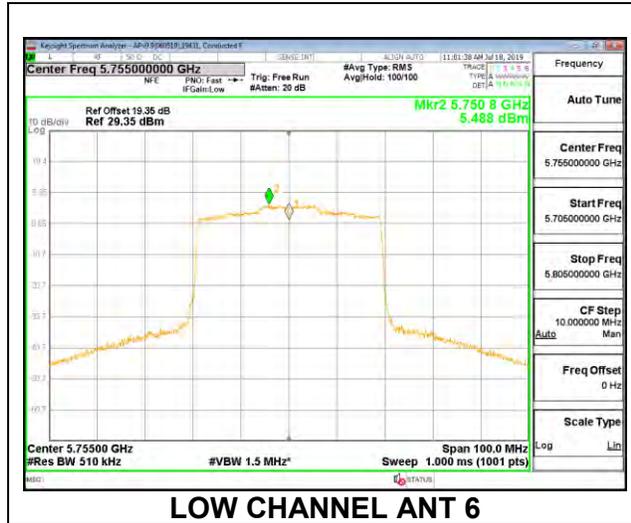
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power
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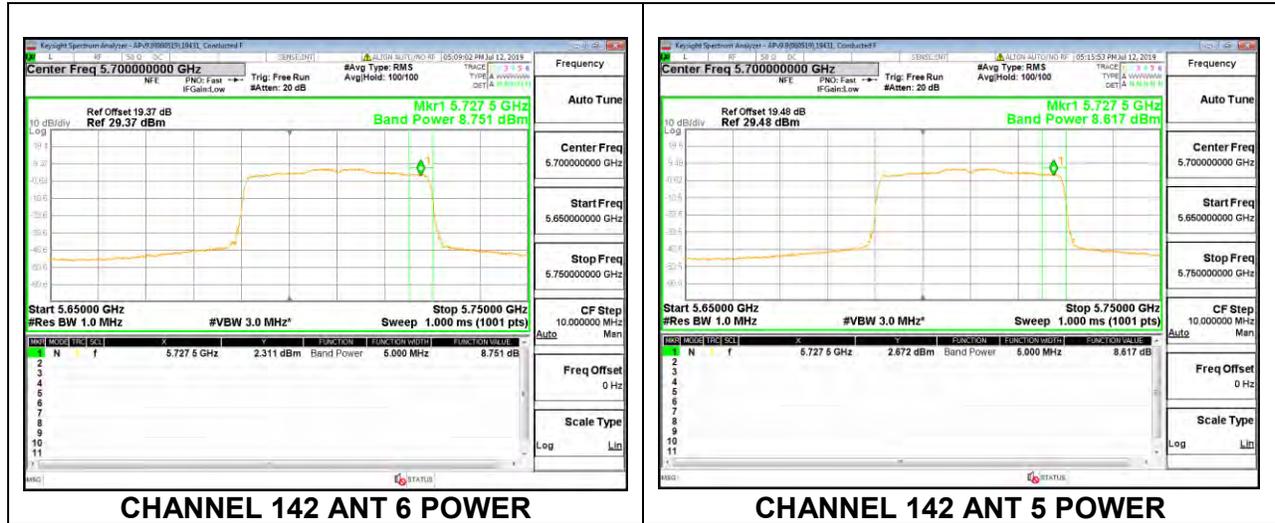
Output Power Results

Channel	Frequency (MHz)	ANT 6 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.17	21.12	24.16	30.00	-5.84
High	5795	21.14	21.16	24.16	30.00	-5.84
142	5710	8.75	8.62	11.69	30.00	-18.31

PSD Results

Channel	Frequency (MHz)	ANT 6 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	5.448	5.219	8.345	30.00	-21.65
High	5795	5.381	5.418	8.410	30.00	-21.59
142	5710	0.567	0.558	3.573	30.00	-26.43





2TX Antenna 6 + Antenna 5 OFDMA MODE – 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	-3.83	-1.02	30.00	30.00
High	5795	-3.83	-1.02	30.00	30.00
142	5710	-3.83	-1.02	30.00	30.00

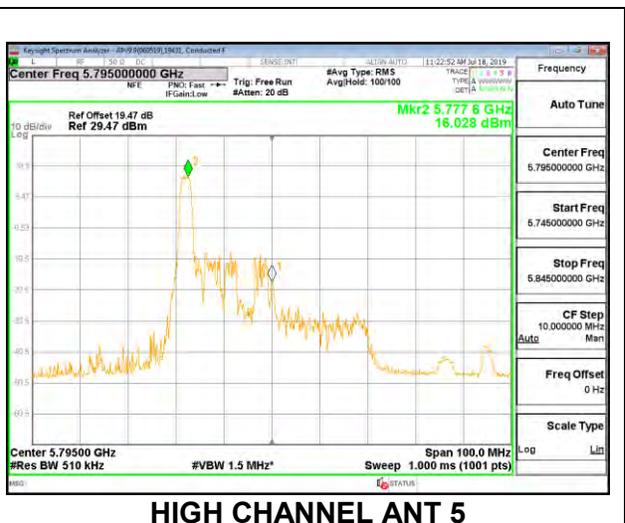
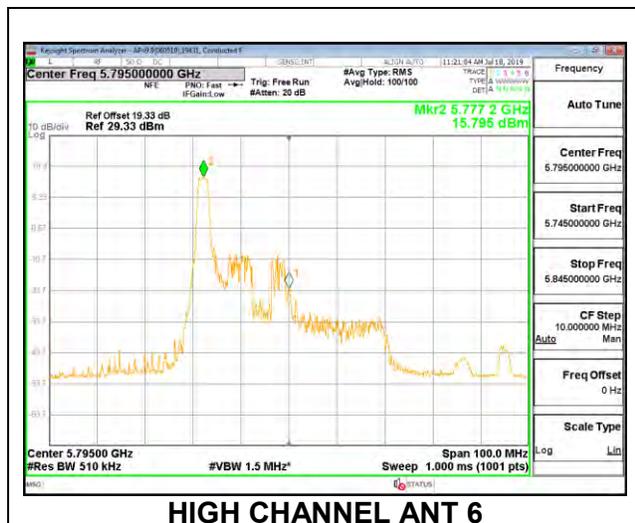
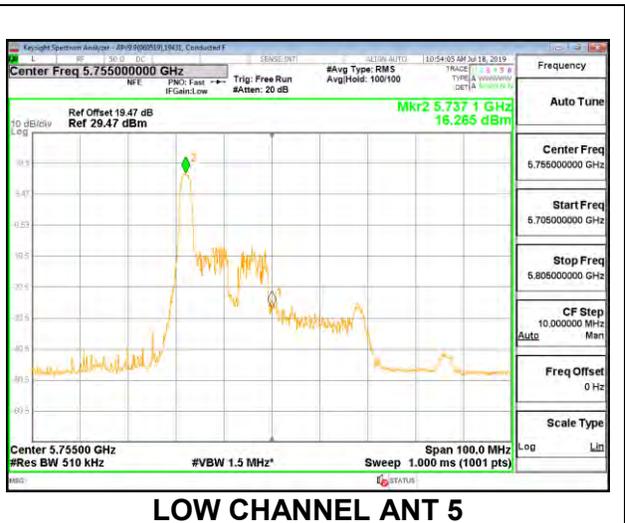
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power
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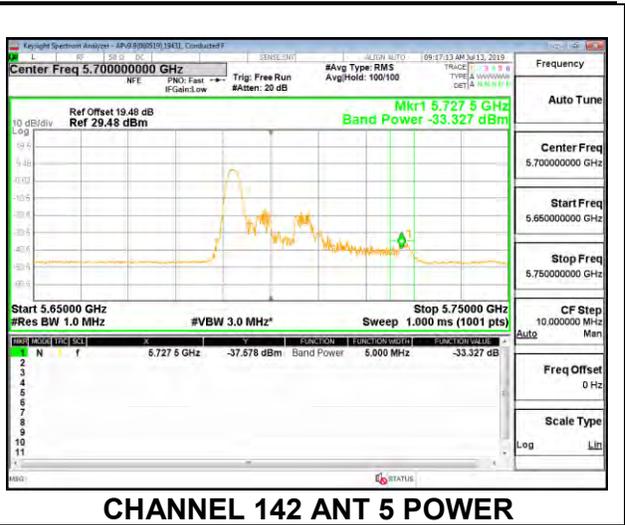
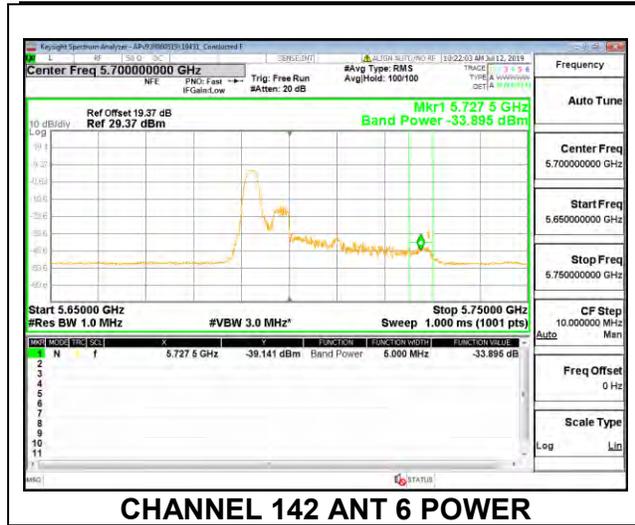
Output Power Results

Channel	Frequency (MHz)	ANT 6 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.25	21.22	24.25	30.00	-5.75
High	5795	21.13	21.19	24.17	30.00	-5.83
142	5710	-33.90	-33.33	-30.59	30.00	-60.59

PSD Results

Channel	Frequency (MHz)	ANT 6 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	16.487	16.265	19.388	30.00	-10.61
High	5795	15.795	16.028	18.923	30.00	-11.08
142	5710	-40.093	-40.180	-37.126	30.00	-67.13





2TX Antenna 6 + Antenna 5 OFDMA MODE – 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	-3.83	-1.02	30.00	30.00
High	5795	-3.83	-1.02	30.00	30.00
142	5710	-3.83	-1.02	30.00	30.00

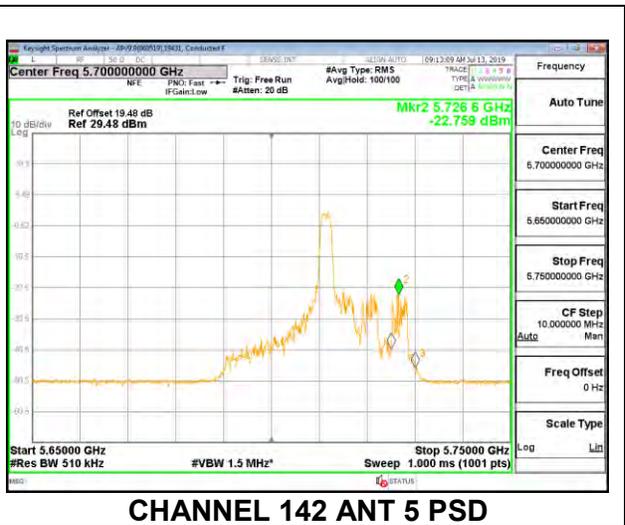
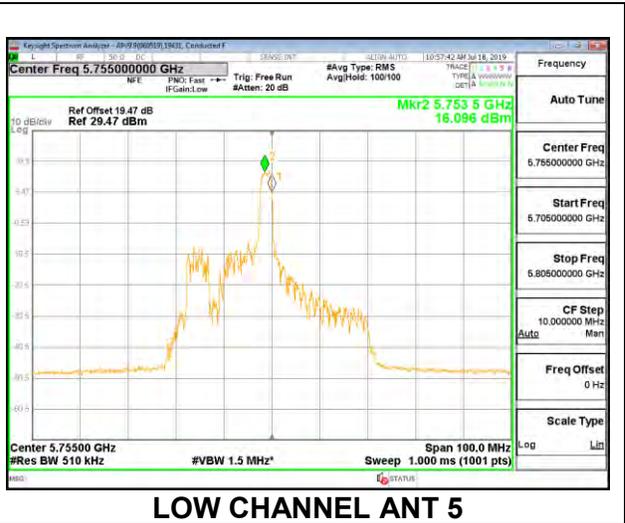
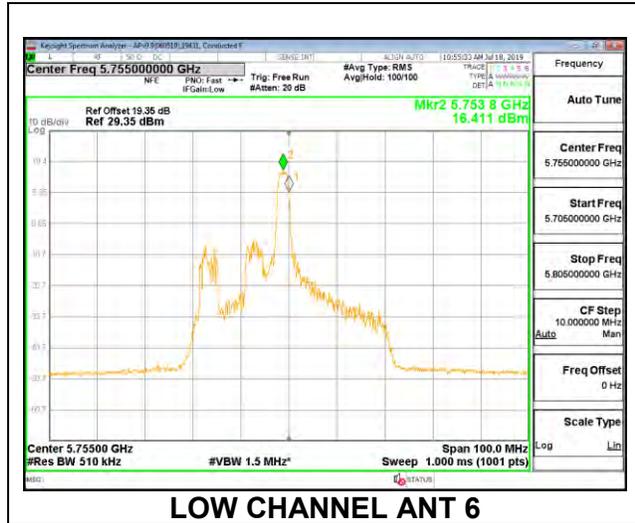
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power
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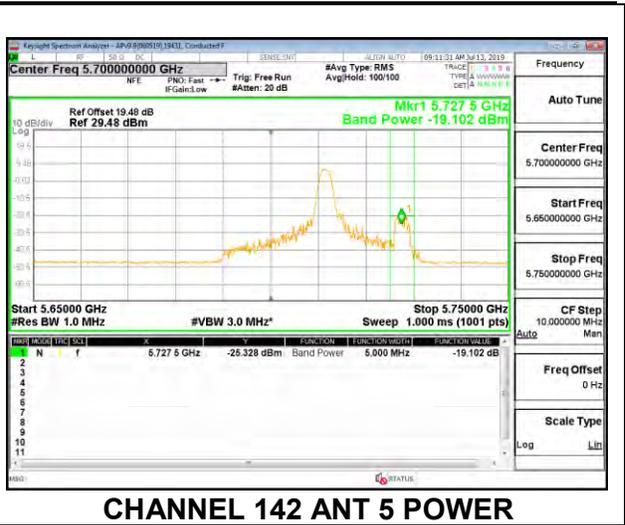
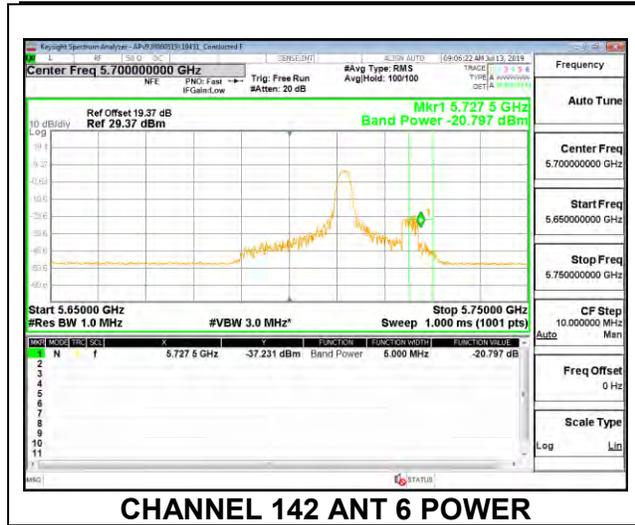
Output Power Results

Channel	Frequency (MHz)	ANT 6 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.23	21.16	24.21	30.00	-5.79
High	5795	21.24	21.19	24.23	30.00	-5.77
142	5710	-20.80	-19.10	-16.86	30.00	-46.86

PSD Results

Channel	Frequency (MHz)	ANT 6 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	16.411	16.096	19.267	30.00	-10.73
High	5795	16.417	16.179	19.310	30.00	-10.69
142	5710	-20.924	-22.759	-18.735	30.00	-48.73





2TX Antenna 6 + Antenna 5 OFDMA MODE – 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	-3.83	-1.02	30.00	30.00
High	5795	-3.83	-1.02	30.00	30.00
142	5710	-3.83	-1.02	30.00	30.00

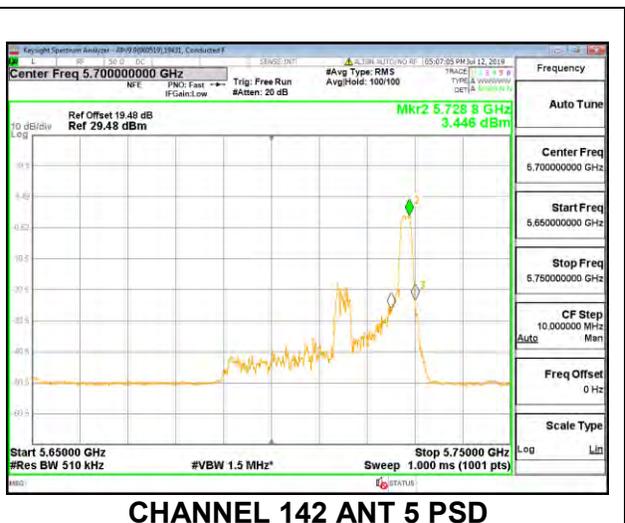
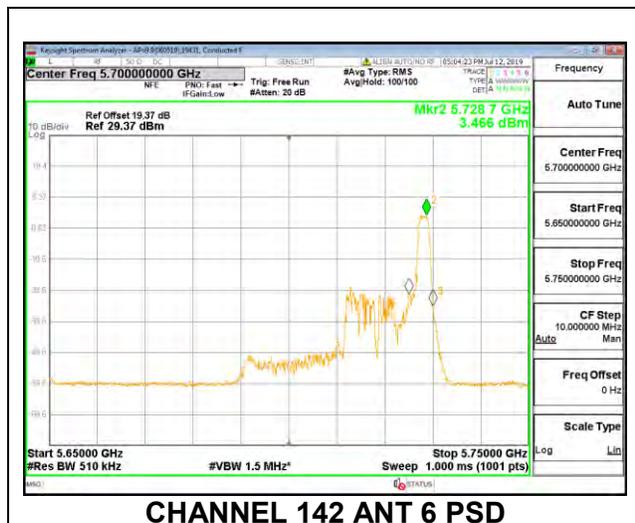
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power
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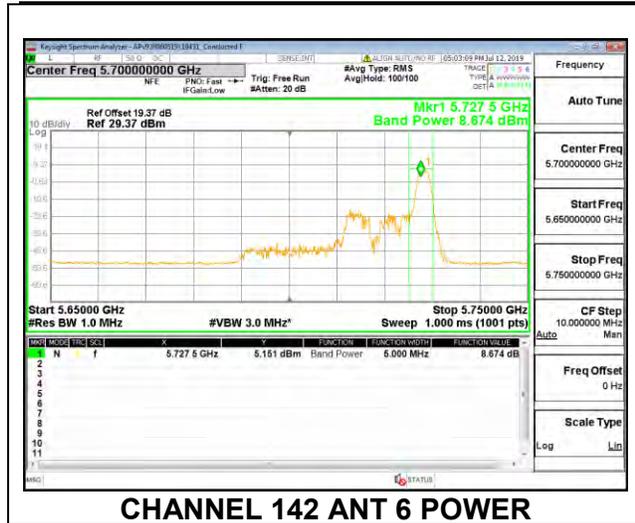
Output Power Results

Channel	Frequency (MHz)	ANT 6 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.15	21.12	24.15	30.00	-5.85
High	5795	21.18	21.17	24.19	30.00	-5.81
142	5710	8.67	8.75	11.72	30.00	-18.28

PSD Results

Channel	Frequency (MHz)	ANT 6 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	16.008	15.595	18.817	30.00	-11.18
High	5795	16.106	16.049	19.088	30.00	-10.91
142	5710	3.466	3.446	6.466	30.00	-23.53





8.5.24. 802.11ax HE80 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE – 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	-2.3	30.00	30.00
138	5690	-2.3	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	21.20	21.20	30.00	-8.80
138	5690	7.59	7.59	30.00	-22.41

PSD Results

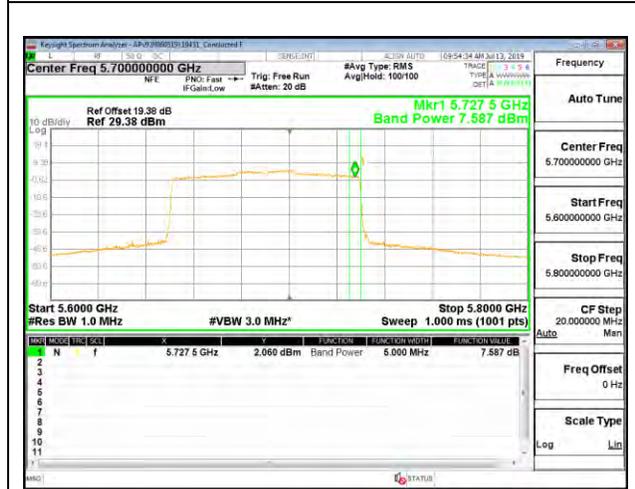
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	2.071	2.071	30.00	-27.93
138	5690	-1.144	-1.144	30.00	-31.14



MID CHANNEL



CHANNEL 138 PSD



CHANNEL 138 POWER

1TX Antenna 6 MODE – 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	-2.3	30.00	30.00
138	5690	-2.3	30.00	30.00

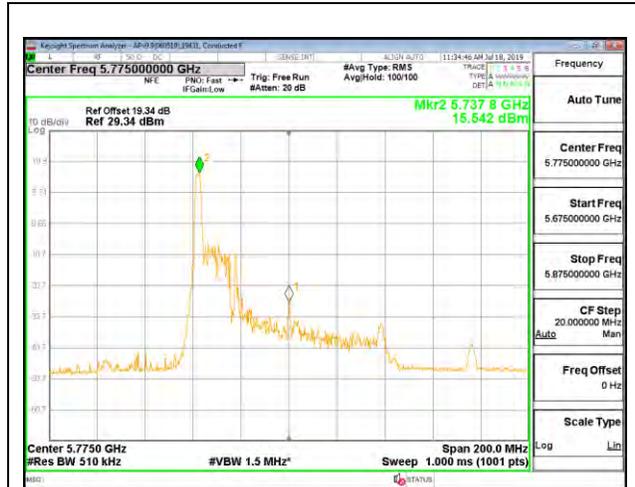
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.19	21.19	30.00	-8.81
138	5690	-35.06	-35.06	30.00	-65.06

PSD Results

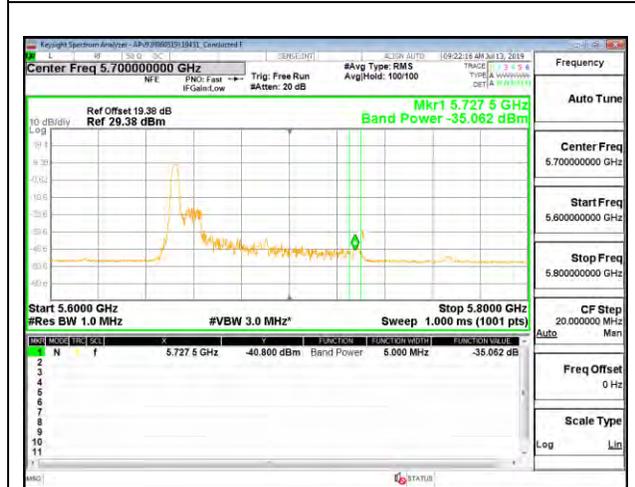
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	15.542	15.542	30.00	-14.46
138	5690	-40.427	-40.427	30.00	-70.43



MID CHANNEL



CHANNEL 138 PSD



CHANNEL 138 POWER

1TX Antenna 6 MODE – 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	-2.3	30.00	30.00
138	5690	-2.3	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	21.14	21.14	30.00	-8.86
138	5690	-34.88	-34.88	30.00	-64.88

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	15.304	15.304	30.00	-14.70
138	5690	-40.301	-40.301	30.00	-70.30



MID CHANNEL



CHANNEL 138 PSD



CHANNEL 138 POWER

1TX Antenna 6 MODE – 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	-2.3	30.00	30.00
138	5690	-2.3	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	21.12	21.12	30.00	-8.88
138	5690	11.60	11.60	30.00	-18.41

PSD Results

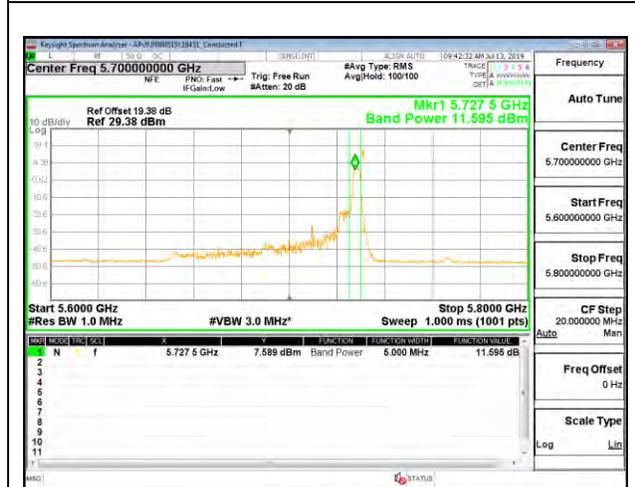
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	15.680	15.680	30.00	-14.32
138	5690	6.004	6.004	30.00	-24.00



MID CHANNEL



CHANNEL 138 PSD



CHANNEL 138 POWER

1TX Antenna 5 MODE – 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	-6.2	30.00	30.00
138	5690	-6.2	30.00	30.00

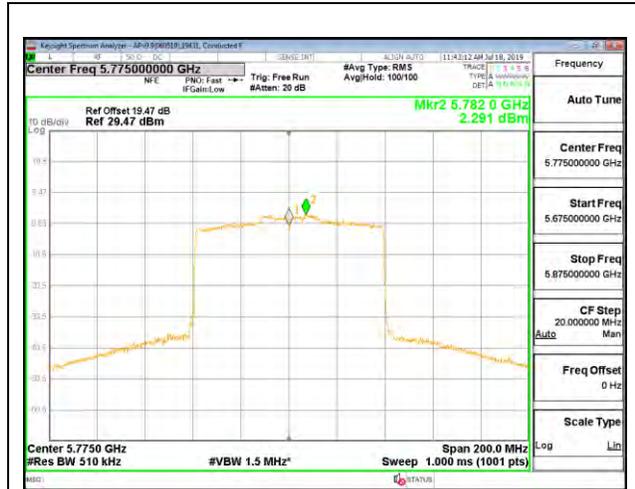
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.18	21.18	30.00	-8.82
138	5690	7.66	7.66	30.00	-22.34

PSD Results

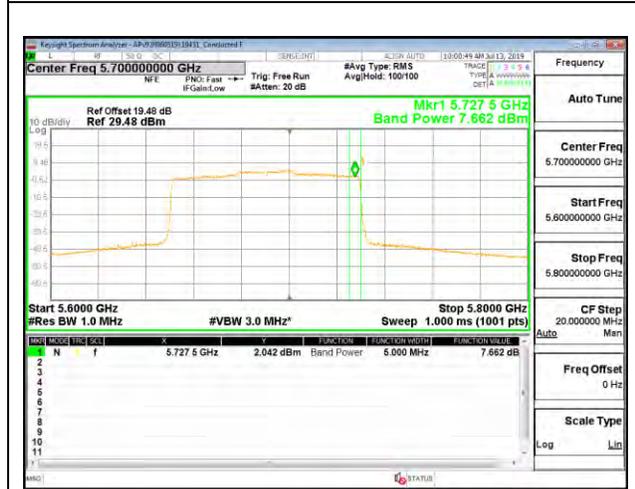
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	2.291	2.291	30.00	-27.71
138	5690	-0.892	-0.892	30.00	-30.89



MID CHANNEL



CHANNEL 138 PSD



CHANNEL 138 POWER

1TX Antenna 5 MODE – 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	-6.2	30.00	30.00
138	5690	-6.2	30.00	30.00

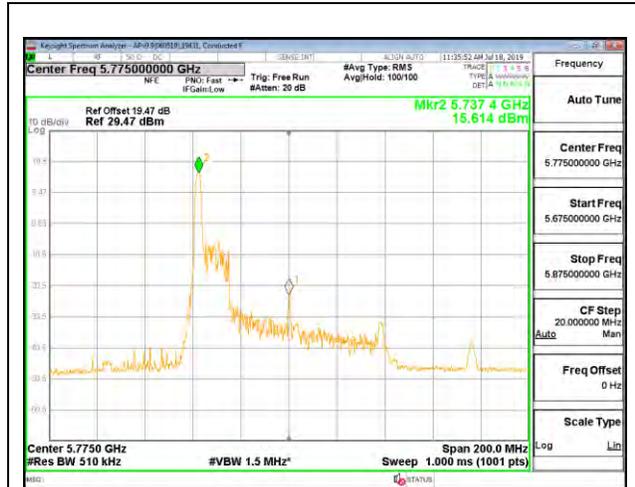
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.19	21.19	30.00	-8.81
138	5690	-34.25	-34.25	30.00	-64.25

PSD Results

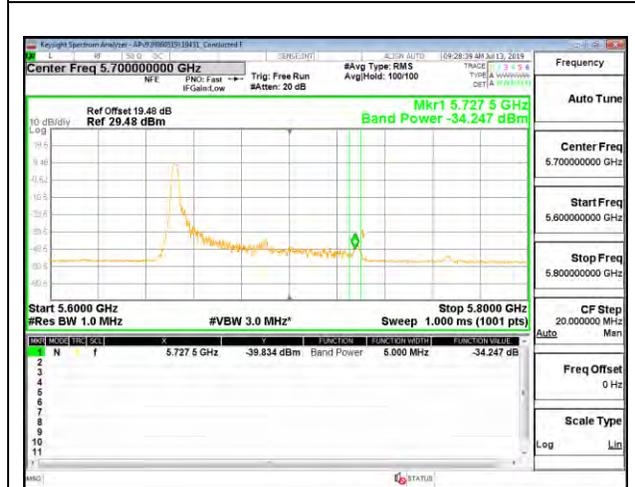
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	15.614	15.614	30.00	-14.39
138	5690	-41.884	-41.884	30.00	-71.88



MID CHANNEL



CHANNEL 138 PSD



CHANNEL 138 POWER

1TX Antenna 5 MODE – 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	-6.2	30.00	30.00
138	5690	-6.2	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	21.20	21.20	30.00	-8.80
138	5690	-35.09	-35.09	30.00	-65.09

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	15.690	15.690	30.00	-14.31
138	5690	-42.343	-42.343	30.00	-72.34



MID CHANNEL



CHANNEL 138 PSD



CHANNEL 138 POWER

1TX Antenna 5 MODE – 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	-6.2	30.00	30.00
138	5690	-6.2	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

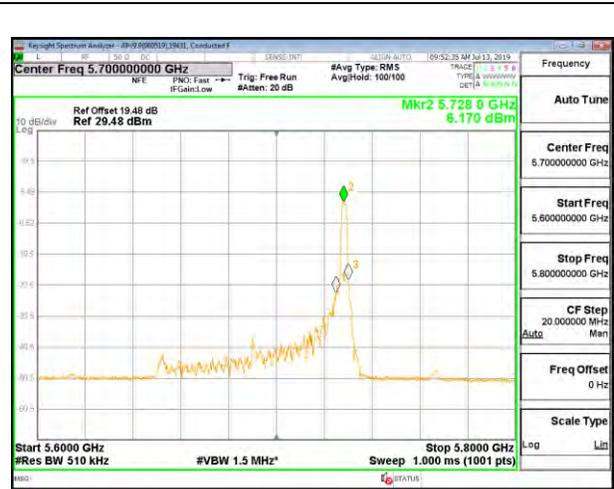
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.22	21.22	30.00	-8.78
138	5690	11.56	11.56	30.00	-18.44

PSD Results

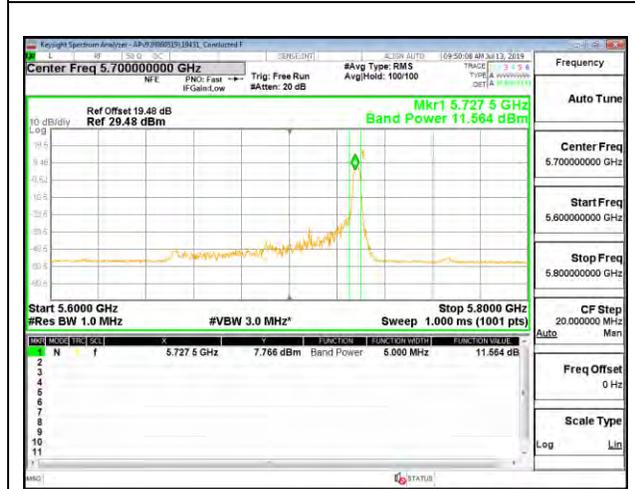
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	15.698	15.698	30.00	-14.30
138	5690	6.170	6.170	30.00	-23.83



MID CHANNEL



CHANNEL 138 PSD



CHANNEL 138 POWER

2TX Antenna 6 + Antenna 5 OFDMA MODE – 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	-3.83	-1.02	30.00	30.00
138	5690	-3.83	-1.02	30.00	30.00

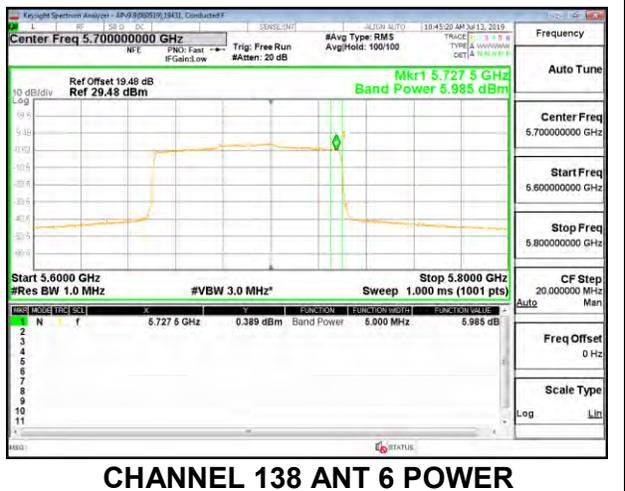
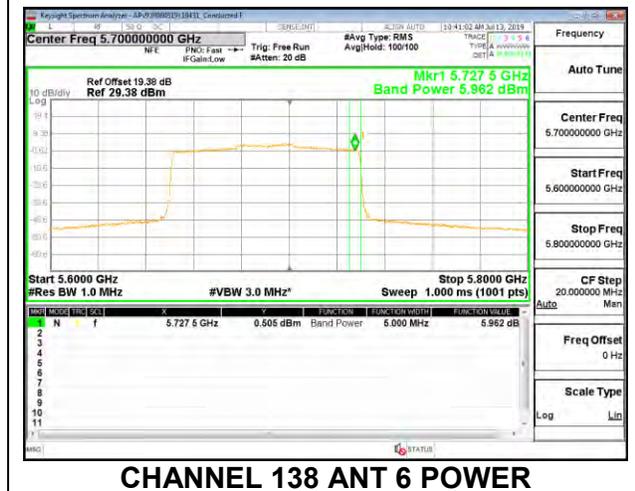
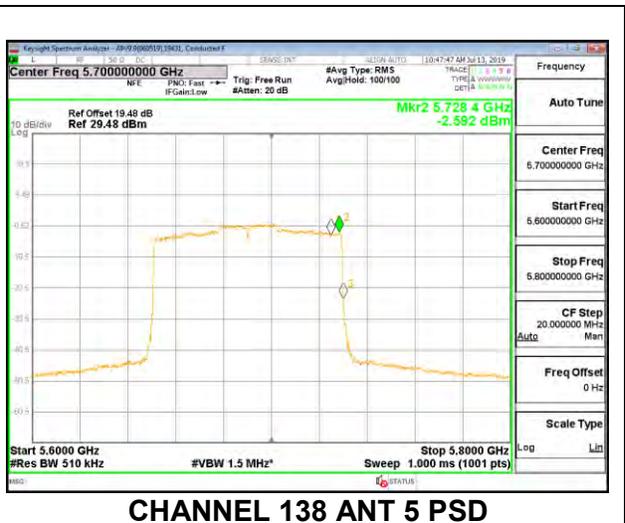
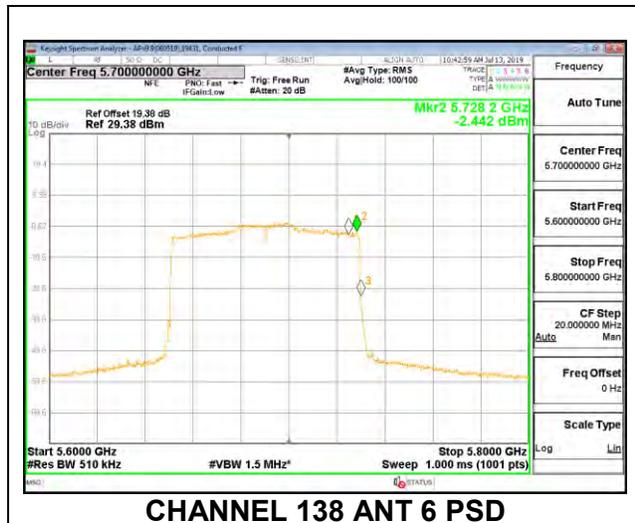
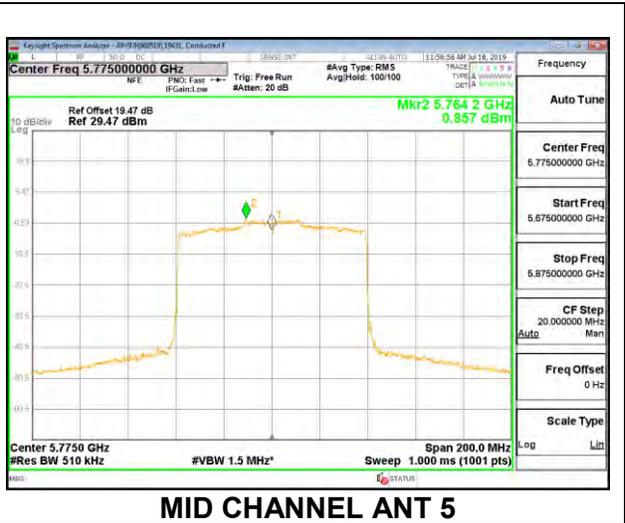
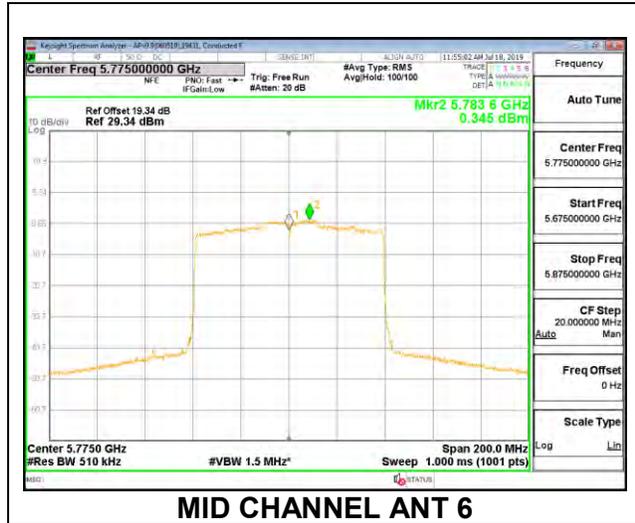
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power
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Output Power Results

Channel	Frequency (MHz)	ANT 6 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	19.74	19.78	22.77	30.00	-7.23
138	5690	5.96	5.99	8.98	30.00	-21.02

PSD Results

Channel	Frequency (MHz)	ANT 6 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	0.345	0.857	3.619	30.00	-26.38
138	5690	-2.442	-2.592	0.494	30.00	-29.51



2TX Antenna 6 + Antenna 5 OFDMA MODE – 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	-3.83	-1.02	30.00	30.00
138	5690	-3.83	-1.02	30.00	30.00

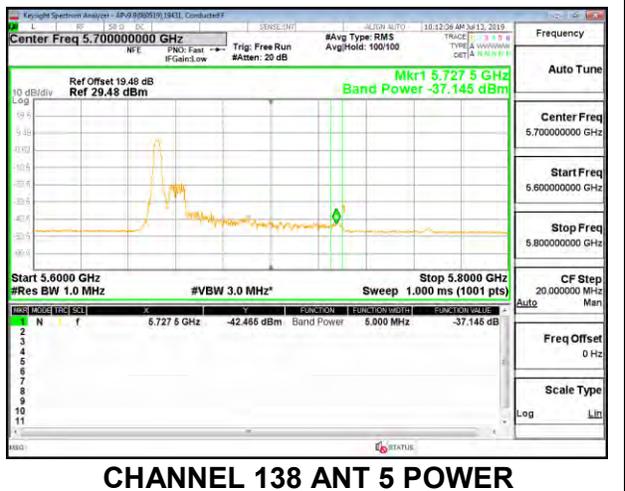
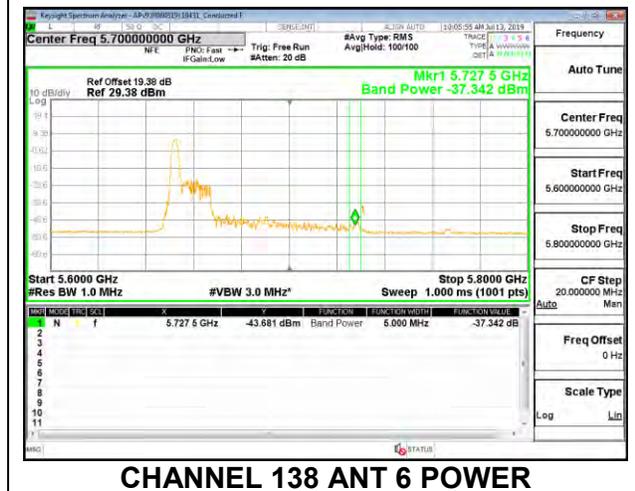
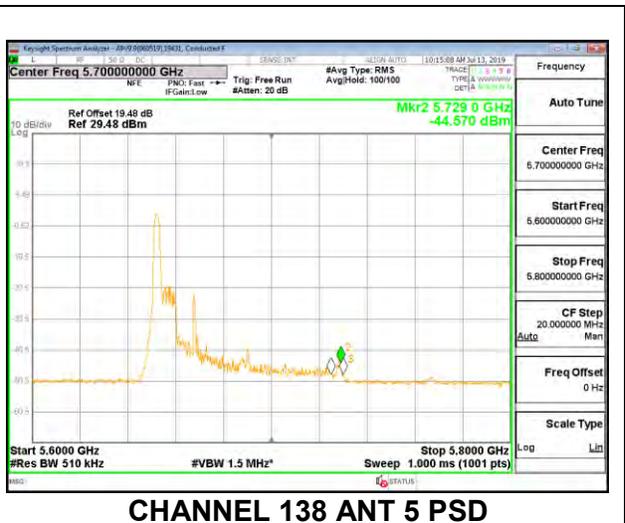
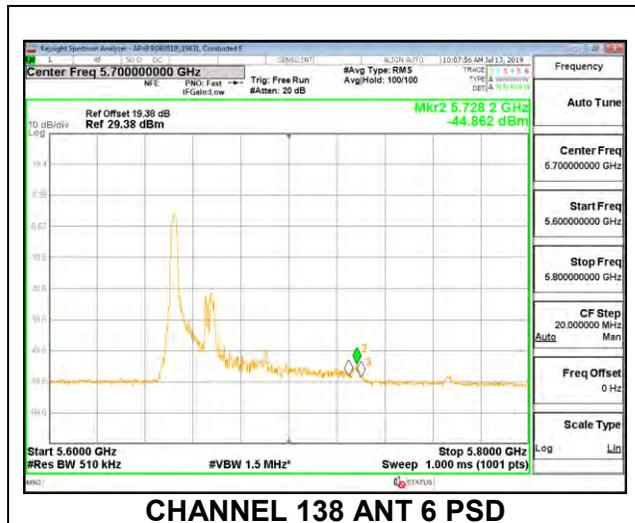
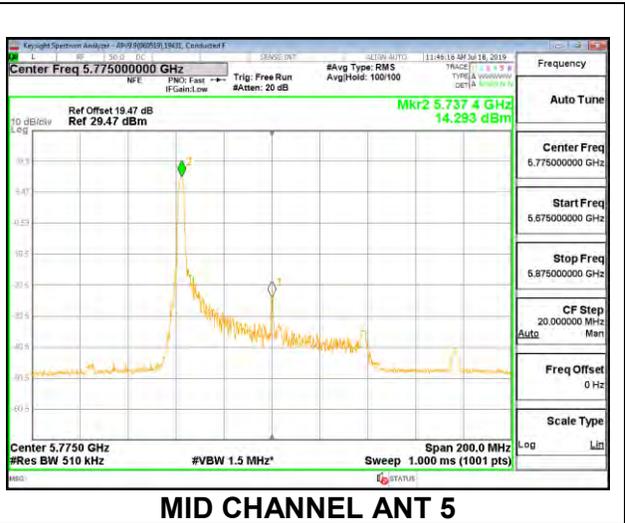
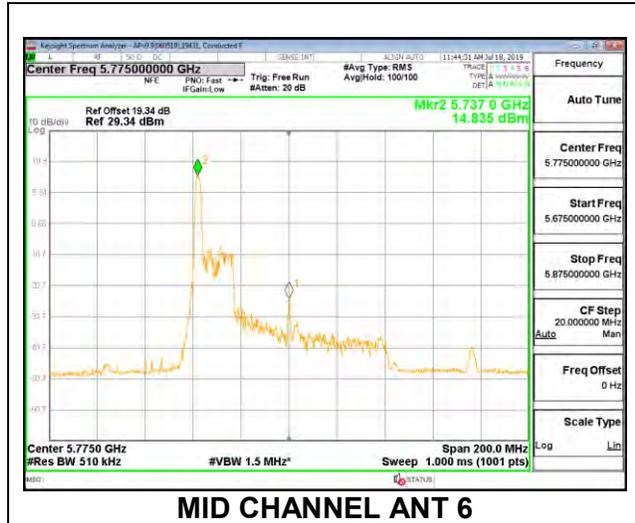
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power
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Output Power Results

Channel	Frequency (MHz)	ANT 6 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	19.76	19.66	22.72	30.00	-7.28
138	5690	-37.34	-37.15	-34.23	30.00	-64.23

PSD Results

Channel	Frequency (MHz)	ANT 6 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	14.835	14.293	17.583	30.00	-12.42
138	5690	-44.862	-44.570	-41.703	30.00	-71.70



2TX Antenna 6 + Antenna 5 OFDMA MODE – 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	-3.83	-1.02	30.00	30.00
138	5690	-3.83	-1.02	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 6 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	19.66	19.67	22.68	30.00	-7.32
138	5690	-37.22	-36.82	-34.01	30.00	-64.01

PSD Results

Channel	Frequency (MHz)	ANT 6 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	13.804	13.846	16.835	30.00	-13.16
138	5690	-44.926	-44.892	-41.899	30.00	-71.90