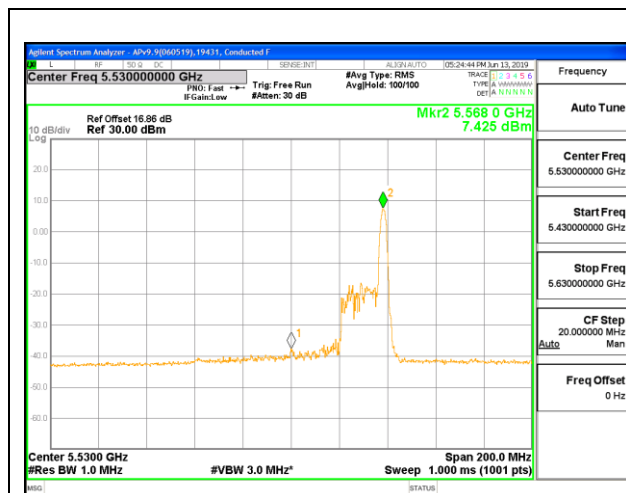
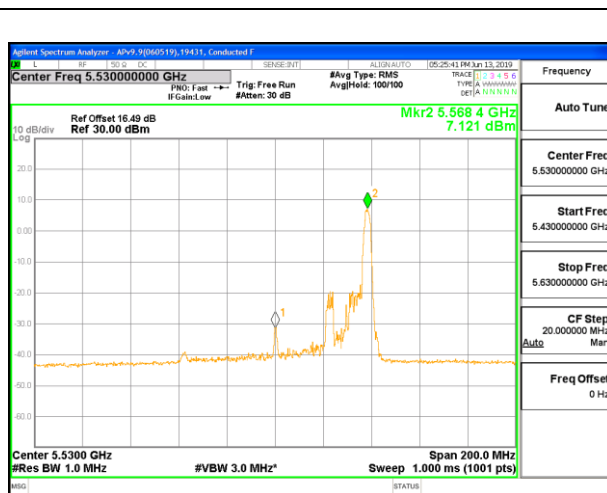
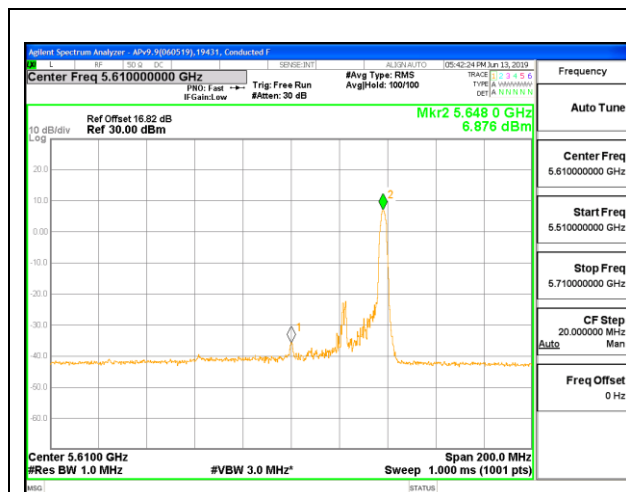




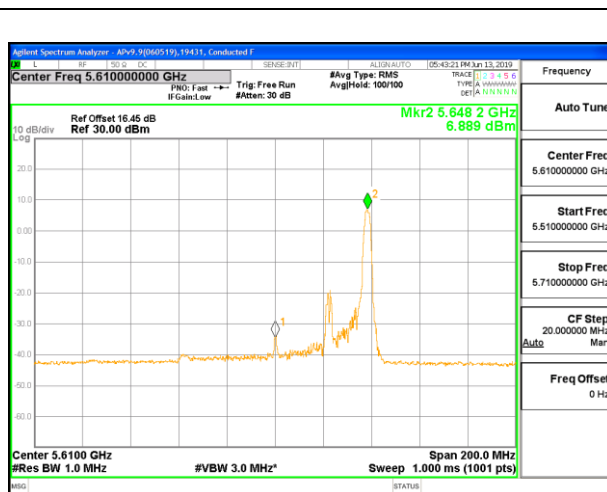
LOW CHANNEL ANT 6



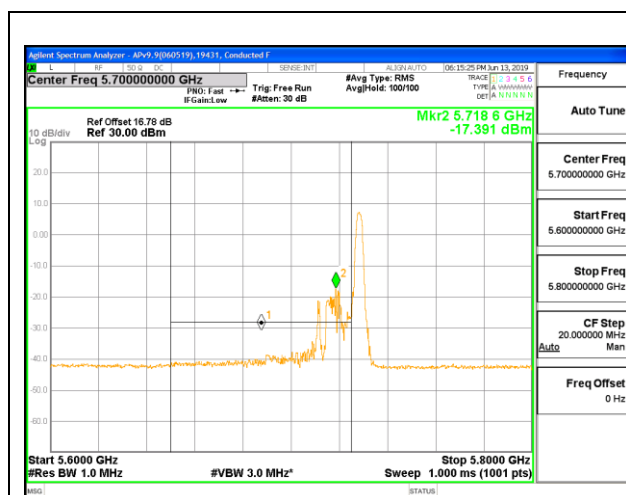
LOW CHANNEL ANT 5



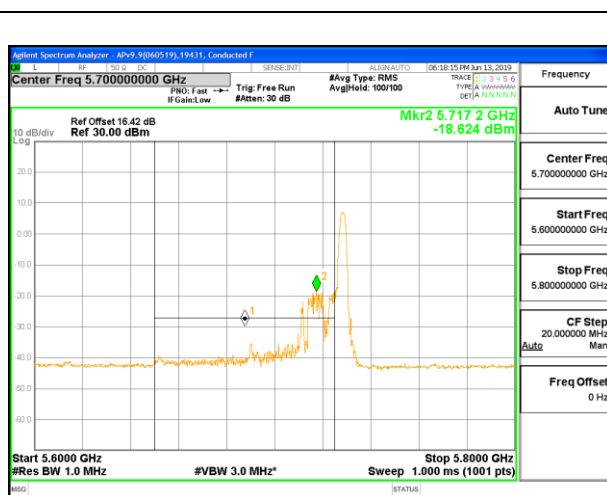
HIGH CHANNEL ANT 6



HIGH CHANNEL ANT 5



CHANNEL 138 ANT 6



CHANNEL 138 ANT 5

8.5.19. 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE (FCC)

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Low	5745	-5.20	30.00	30.00
Mid	5785	-5.20	30.00	30.00
High	5825	-5.20	30.00	30.00
144	5720	-5.20	30.00	30.00

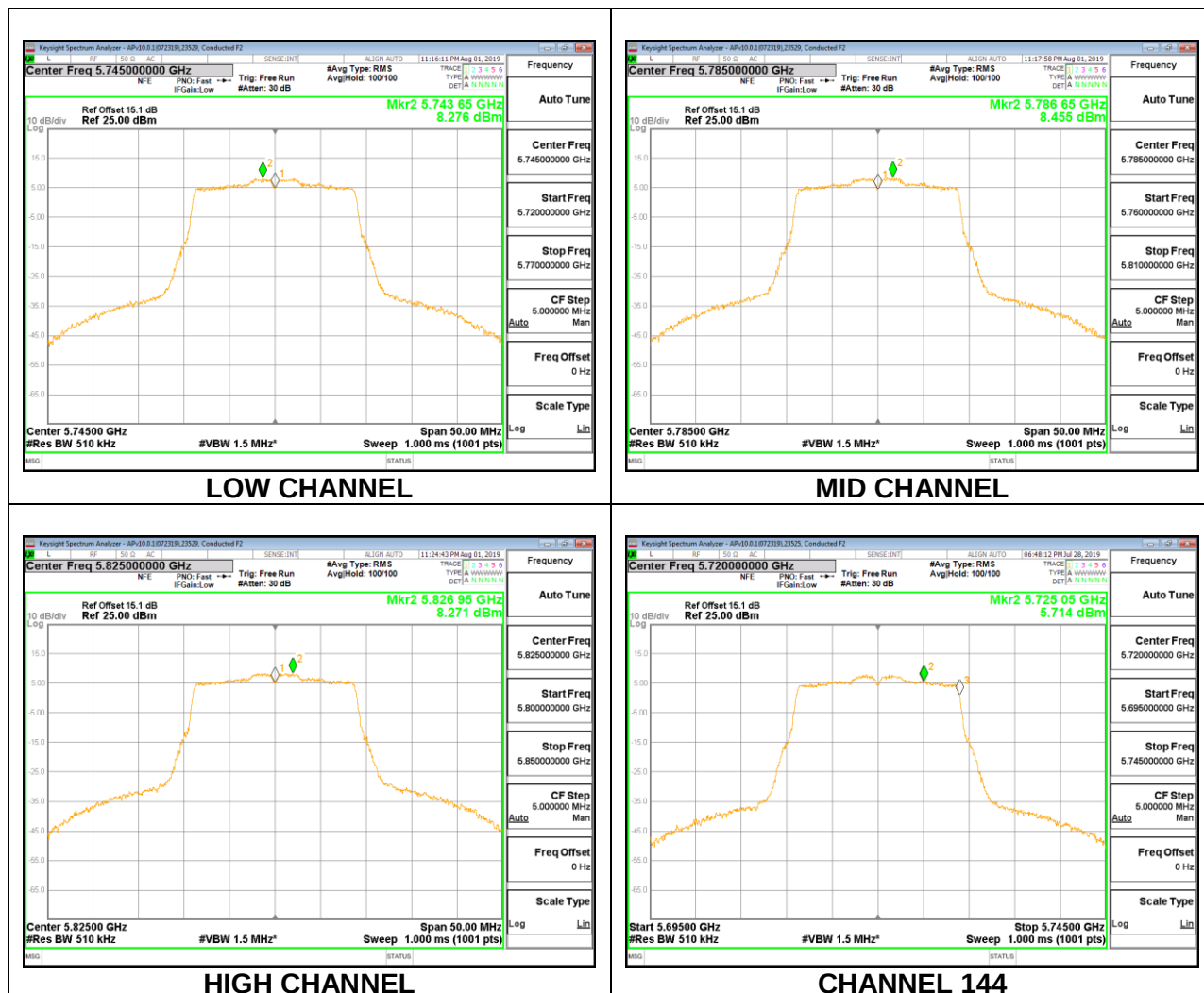
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.18	21.18	30.00	-8.82
Mid	5785	21.21	21.21	30.00	-8.79
High	5825	21.18	21.18	30.00	-8.82

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5745	8.28	8.28	30.00	-21.72
Mid	5785	8.46	8.46	30.00	-21.55
High	5825	8.27	8.27	30.00	-21.73
144	5720	5.71	5.71	30.00	-24.29



1TX Antenna 5 MODE (FCC)

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Low	5745	-9.40	30.00	30.00
Mid	5785	-9.40	30.00	30.00
High	5825	-9.40	30.00	30.00
144	5720	-9.40	30.00	30.00

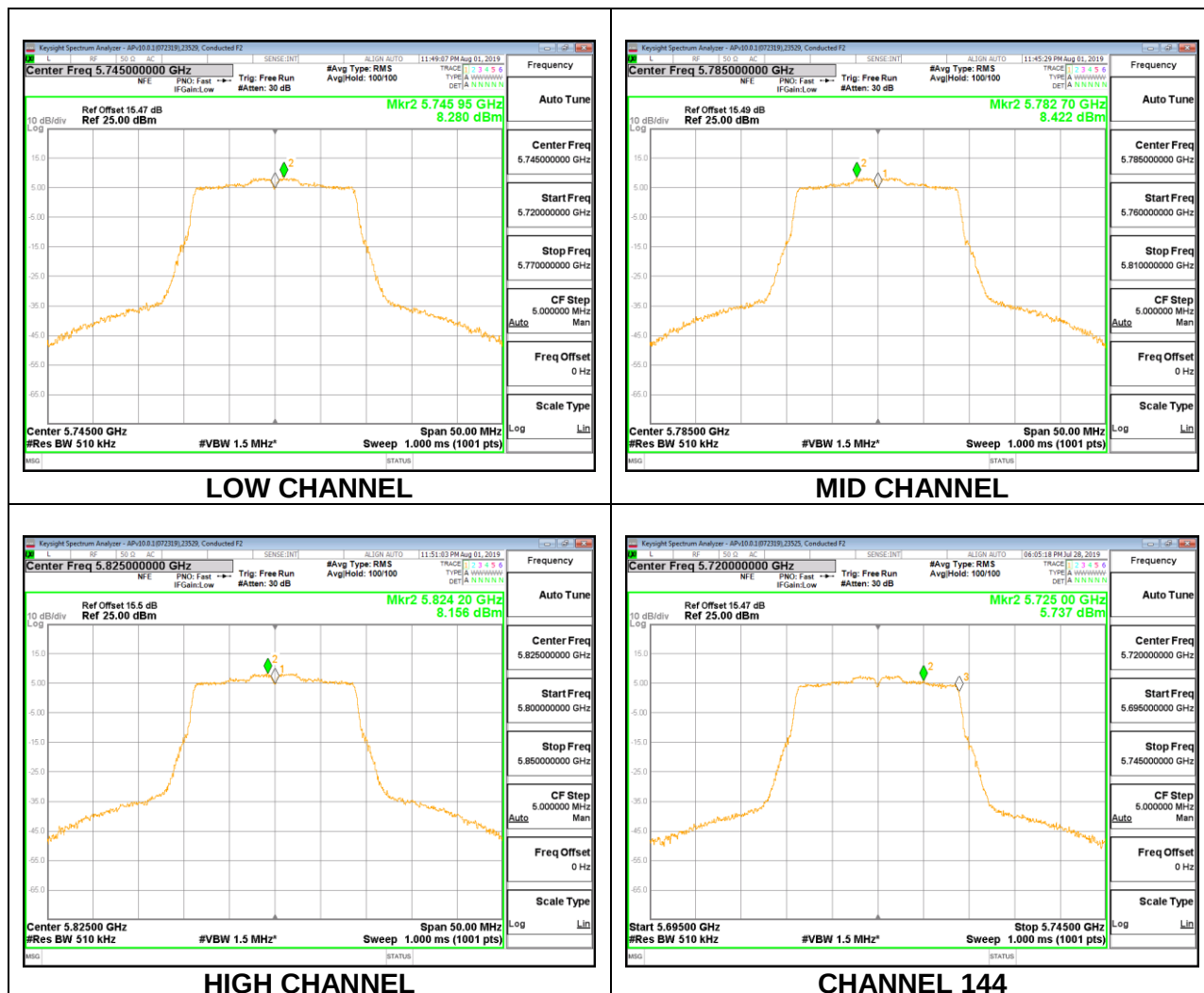
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5745	8.28	8.28	30.00	-21.72
Mid	5785	8.42	8.42	30.00	-21.58
High	5825	8.16	8.16	30.00	-21.84
144	5720	5.74	5.74	30.00	-24.26



2TX Antenna 6 + Antenna 5 CDD MODE (FCC)

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Low	5745	-6.81	-4.04	30.00	30.00
Mid	5785	-6.81	-4.04	30.00	30.00
High	5825	-6.81	-4.04	30.00	30.00
144	5720	-6.81	-4.04	30.00	30.00

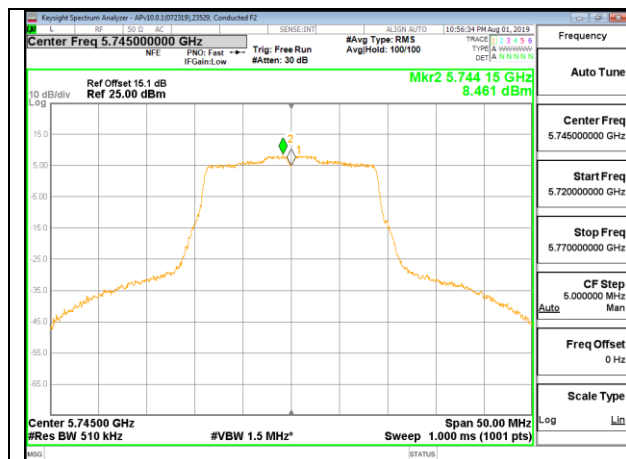
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

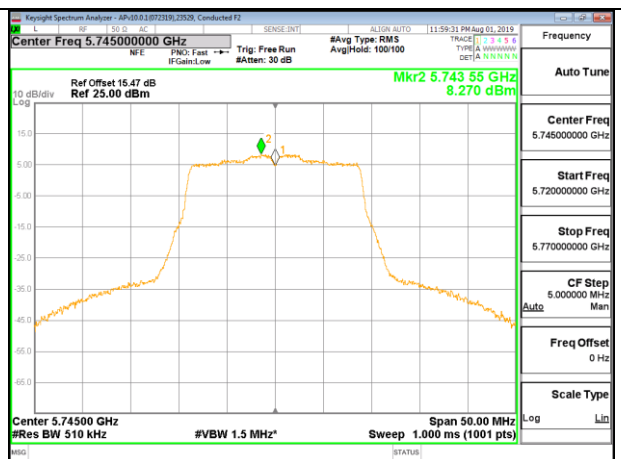
Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.24	21.25	24.26	30.00	-5.74
Mid	5785	21.25	21.23	24.25	30.00	-5.75
High	5825	21.22	21.23	24.24	30.00	-5.76

PSD Results

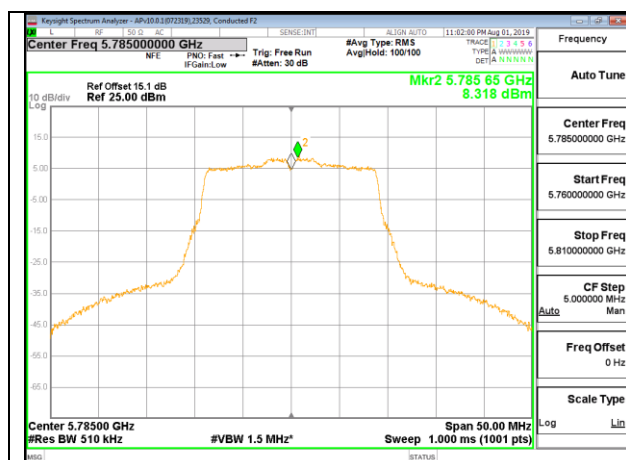
Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 500KHz)	Antenna 5 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5745	8.46	8.27	11.38	30.00	-18.62
Mid	5785	8.32	8.29	11.32	30.00	-18.68
High	5825	8.46	8.05	11.27	30.00	-18.73
144	5720	2.51	2.57	5.55	30.00	-24.45



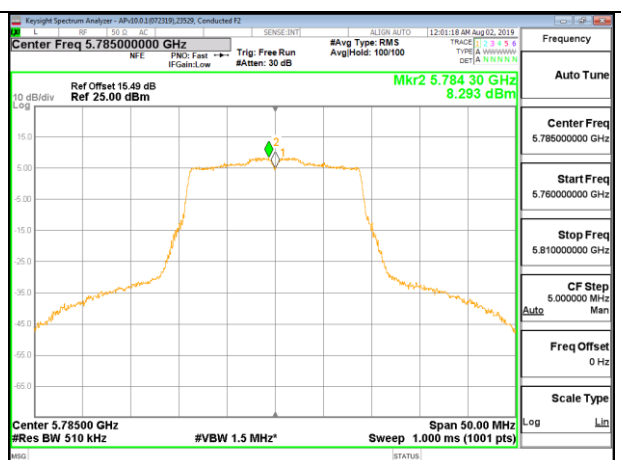
LOW CHANNEL ANT 6



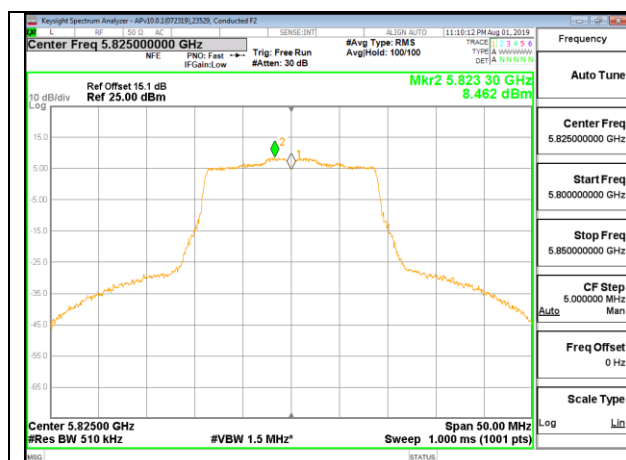
LOW CHANNEL ANT 5



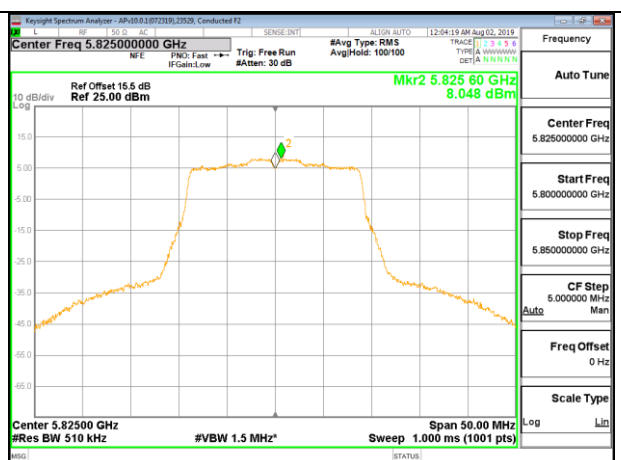
MID CHANNEL ANT 6



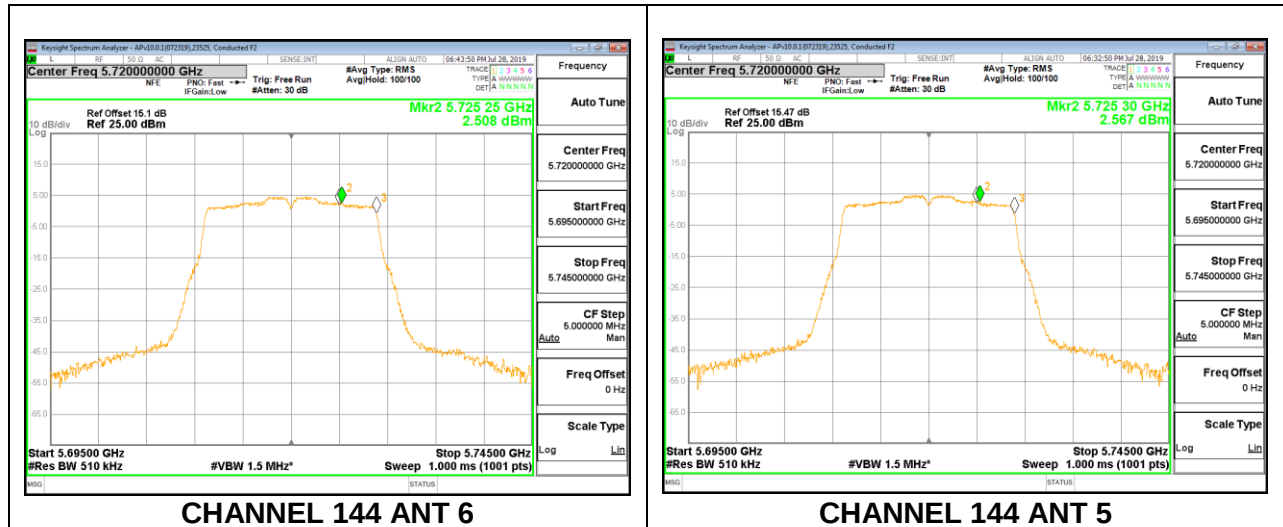
MID CHANNEL ANT 5



HIGH CHANNEL ANT 6



HIGH CHANNEL ANT 5



8.5.20. 802.11n HT40 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE (FCC)

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Low	5755	-5.20	30.00	30.00
High	5795	-5.20	30.00	30.00
142	5710	-5.20	30.00	30.00

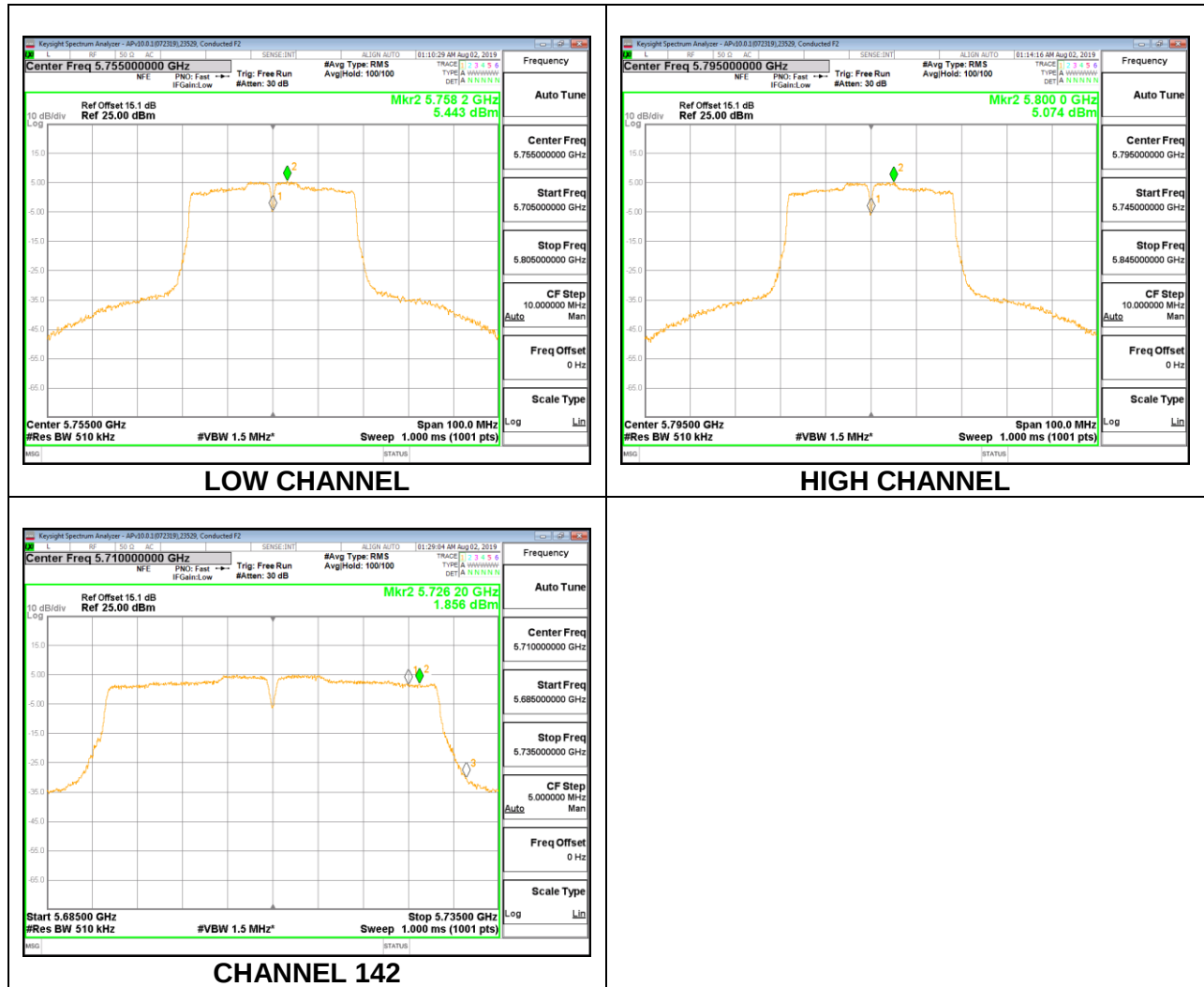
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.19	21.19	30.00	-8.81
High	5795	21.20	21.20	30.00	-8.80

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	5.44	5.54	30.00	-24.46
High	5795	5.07	5.17	30.00	-24.83
142	5710	1.86	1.96	30.00	-28.04



1TX Antenna 5 MODE (FCC)

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Low	5755	-9.40	30.00	30.00
High	5795	-9.40	30.00	30.00
142	5710	-9.40	30.00	30.00

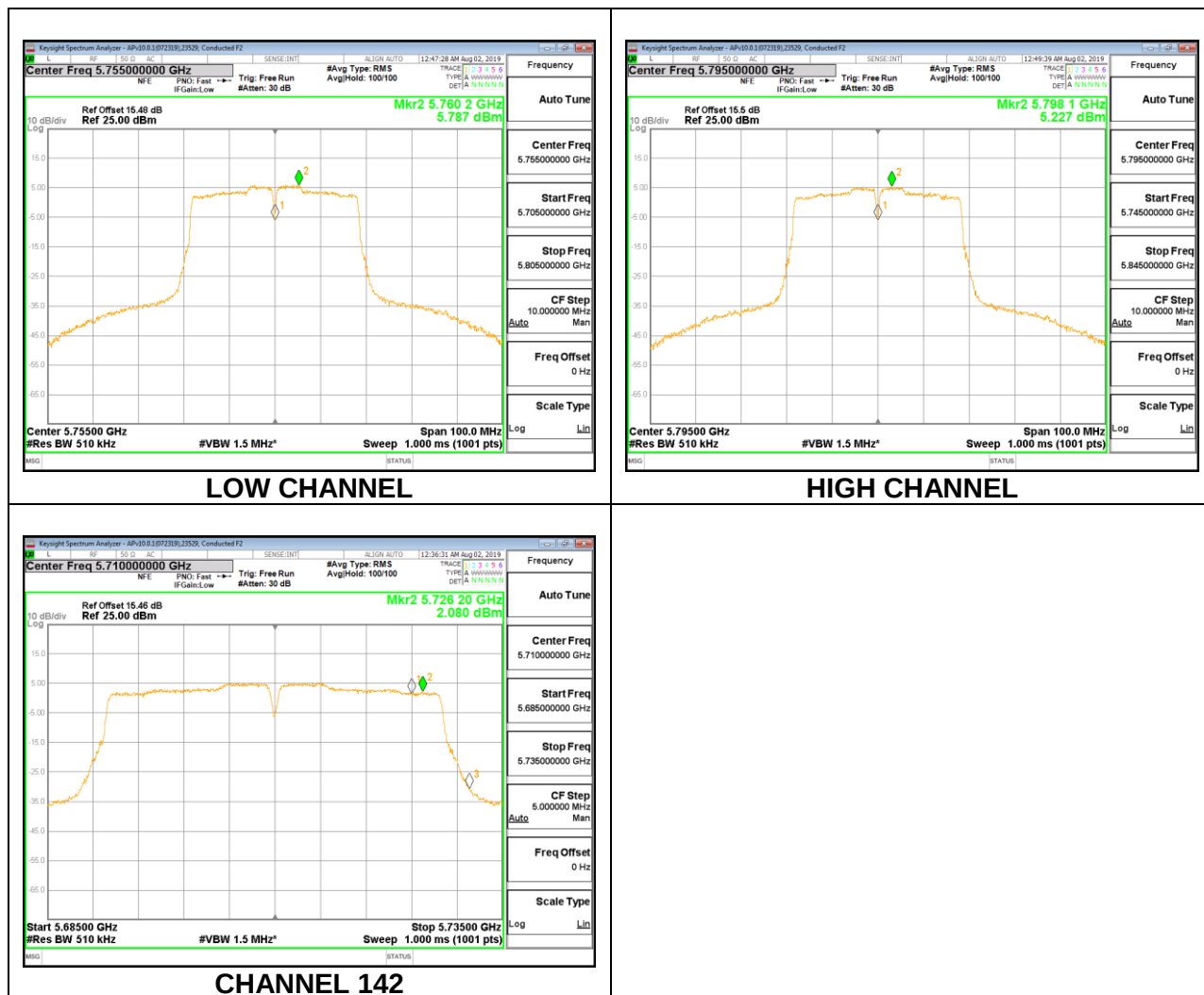
Duty Cycle CF (dB)	0.10	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.16	21.16	30.00	-8.84
High	5795	21.18	21.18	30.00	-8.82

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	5.79	5.89	30.00	-24.11
High	5795	5.23	5.33	30.00	-24.67
142	5710	2.08	2.18	30.00	-27.82



2TX Antenna 6 + Antenna 5 CDD MODE (FCC)

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Low	5755	-6.81	-4.04	30.00	30.00
High	5795	-6.81	-4.04	30.00	30.00
142	5710	-6.81	-4.04	30.00	30.00

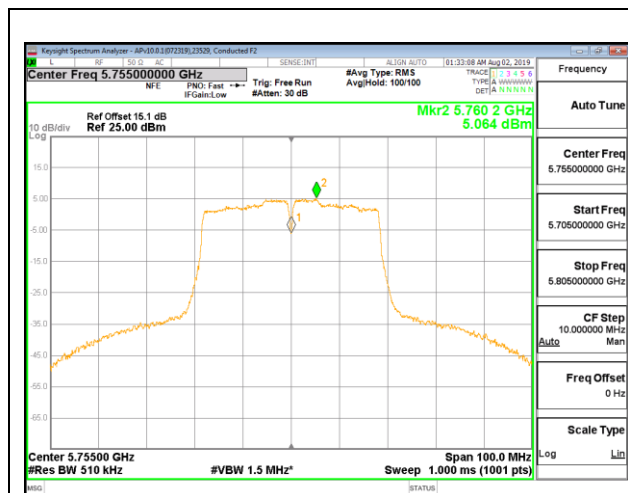
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd PSD
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Output Power Results

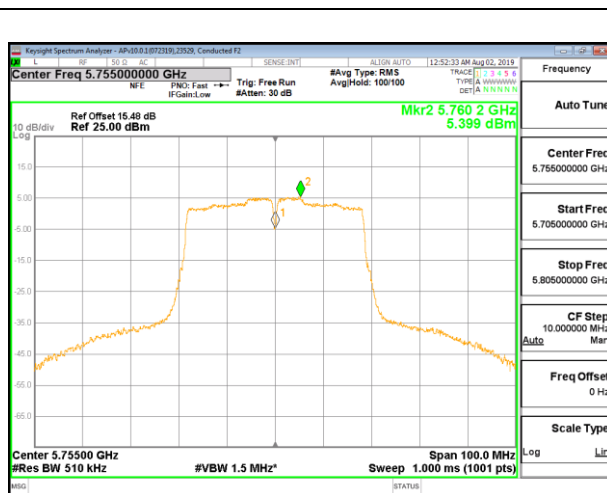
Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.21	21.20	24.22	30.00	-5.78
High	5795	21.17	21.14	24.17	30.00	-5.83

PSD Results

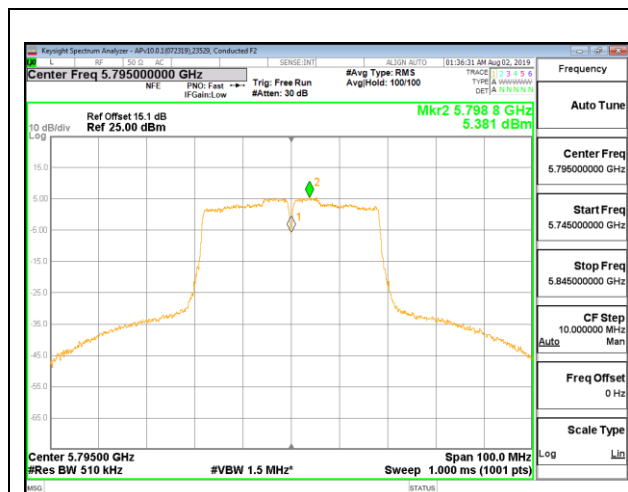
Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 500KHz)	Antenna 5 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5755	5.06	5.40	8.34	30.00	-21.66
High	5795	5.38	5.44	8.51	30.00	-21.49
142	5710	0.78	0.29	3.64	30.00	-26.36



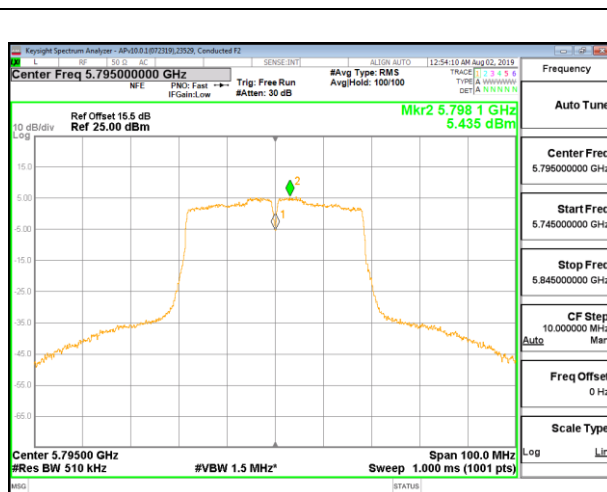
LOW CHANNEL ANT 6



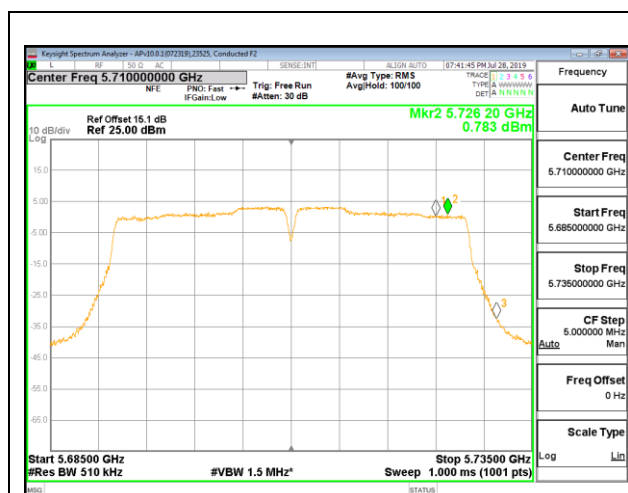
LOW CHANNEL ANT 5



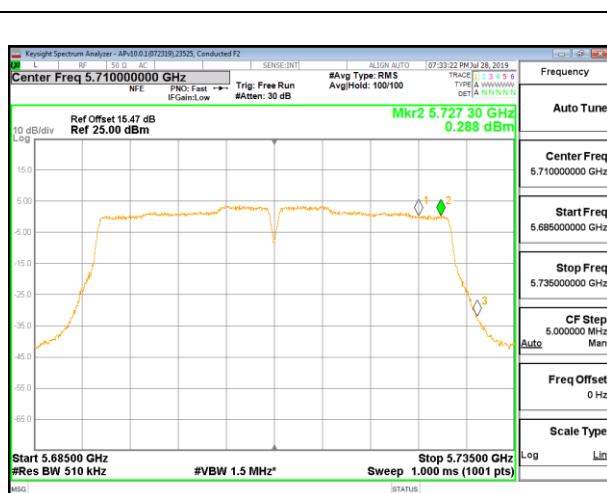
HIGH CHANNEL ANT 6



HIGH CHANNEL ANT 5



CHANNEL 142 ANT 6



CHANNEL 142 ANT 5

8.5.21. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE (FCC)

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Mid	5775	-5.20	30.00	30.00
138	5690	-5.20	30.00	30.00

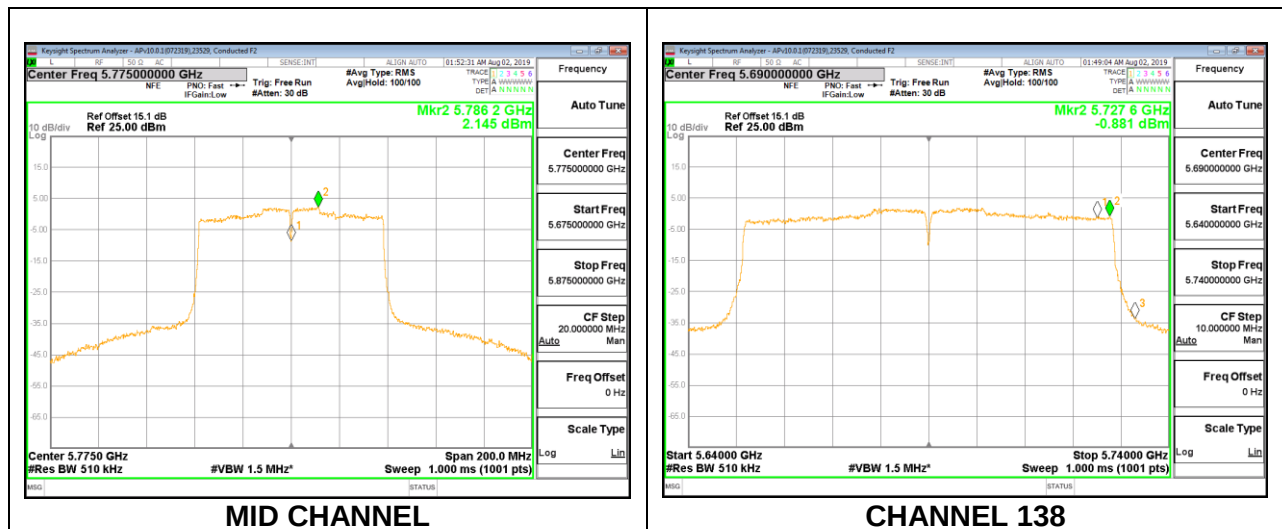
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.20	21.20	30.00	-8.80

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	2.15	2.35	30.00	-27.66
138	5690	-0.88	-0.68	30.00	-30.68



1TX Antenna 5 MODE (FCC)

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Mid	5775	-9.40	30.00	30.00
138	5690	-9.40	30.00	30.00

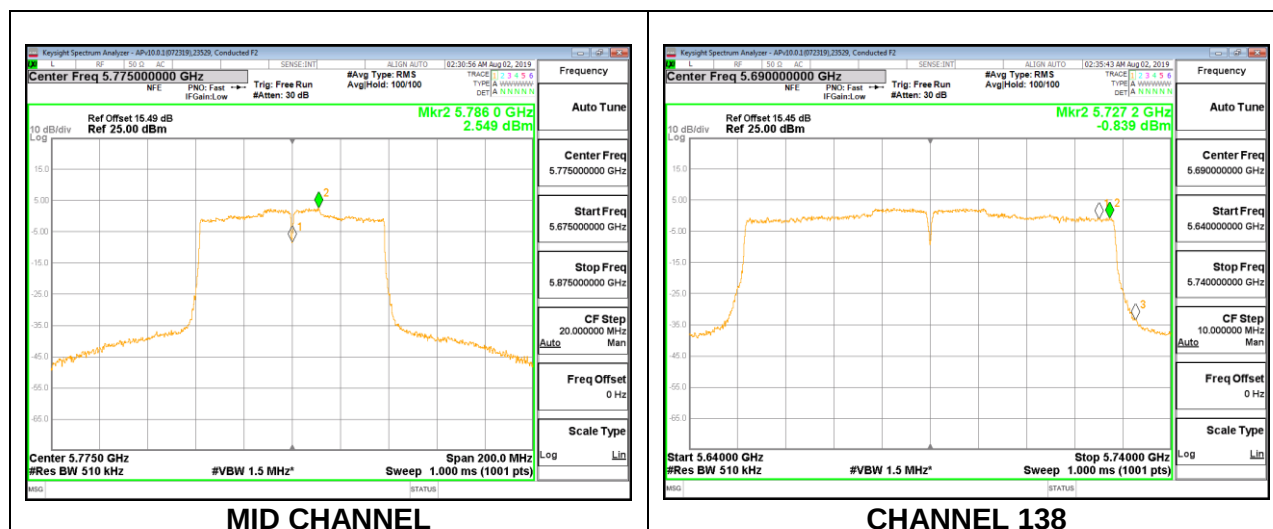
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

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

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	2.55	2.75	30.00	-27.25
138	5690	-0.84	-0.64	30.00	-30.64



2TX Antenna 6 + Antenna 5 CDD MODE (FCC)

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Mid	5755	-6.81	-4.04	30.00	30.00
138	5690	-6.81	-4.04	30.00	30.00

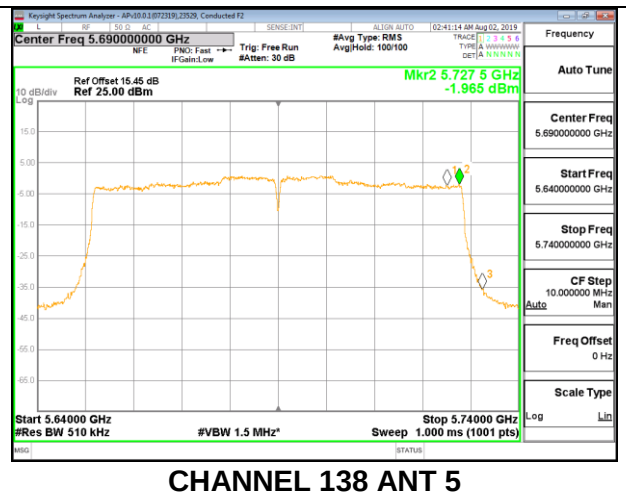
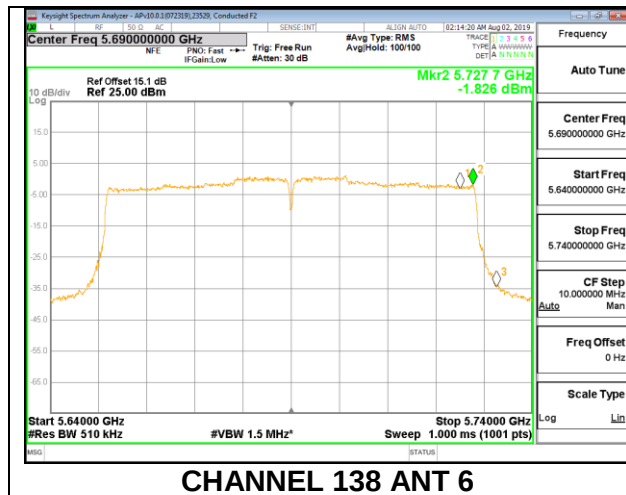
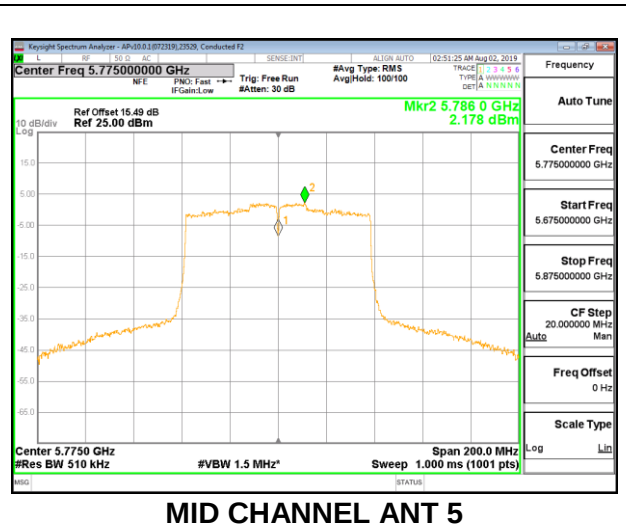
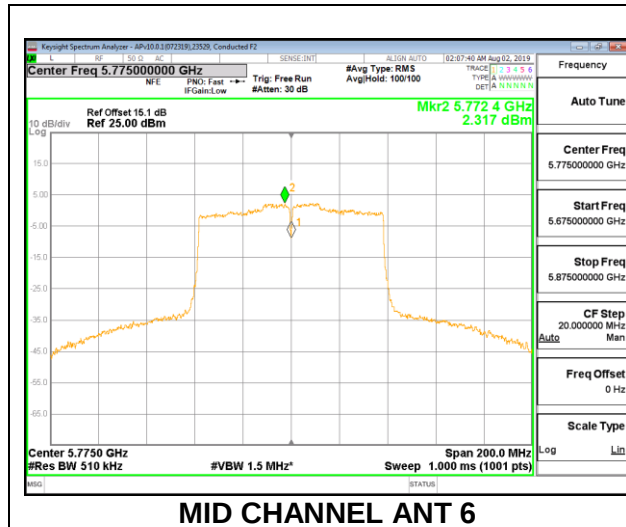
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	21.24	21.25	24.26	30.00	-5.74

PSD Results

Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 500KHz)	Antenna 5 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	2.32	2.18	5.46	30.00	-24.54
138	5690	-1.83	-1.97	1.32	30.00	-28.68



8.5.22. 802.11ax HE20 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE – 242-Tones, RU Index 61 (FCC)

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Low	5745	-5.20	30.00	30.00
Mid	5785	-5.20	30.00	30.00
High	5825	-5.20	30.00	30.00
144	5720	-5.20	30.00	30.00

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	5745	21.12	21.12	30.00	-8.88
Mid	5785	21.19	21.19	30.00	-8.81
High	5825	21.18	21.18	30.00	-8.82

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5745	8.15	8.15	30.00	-21.85
Mid	5785	8.19	8.19	30.00	-21.81
High	5825	8.27	8.27	30.00	-21.73
144	5720	6.19	6.19	30.00	-23.81

