

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

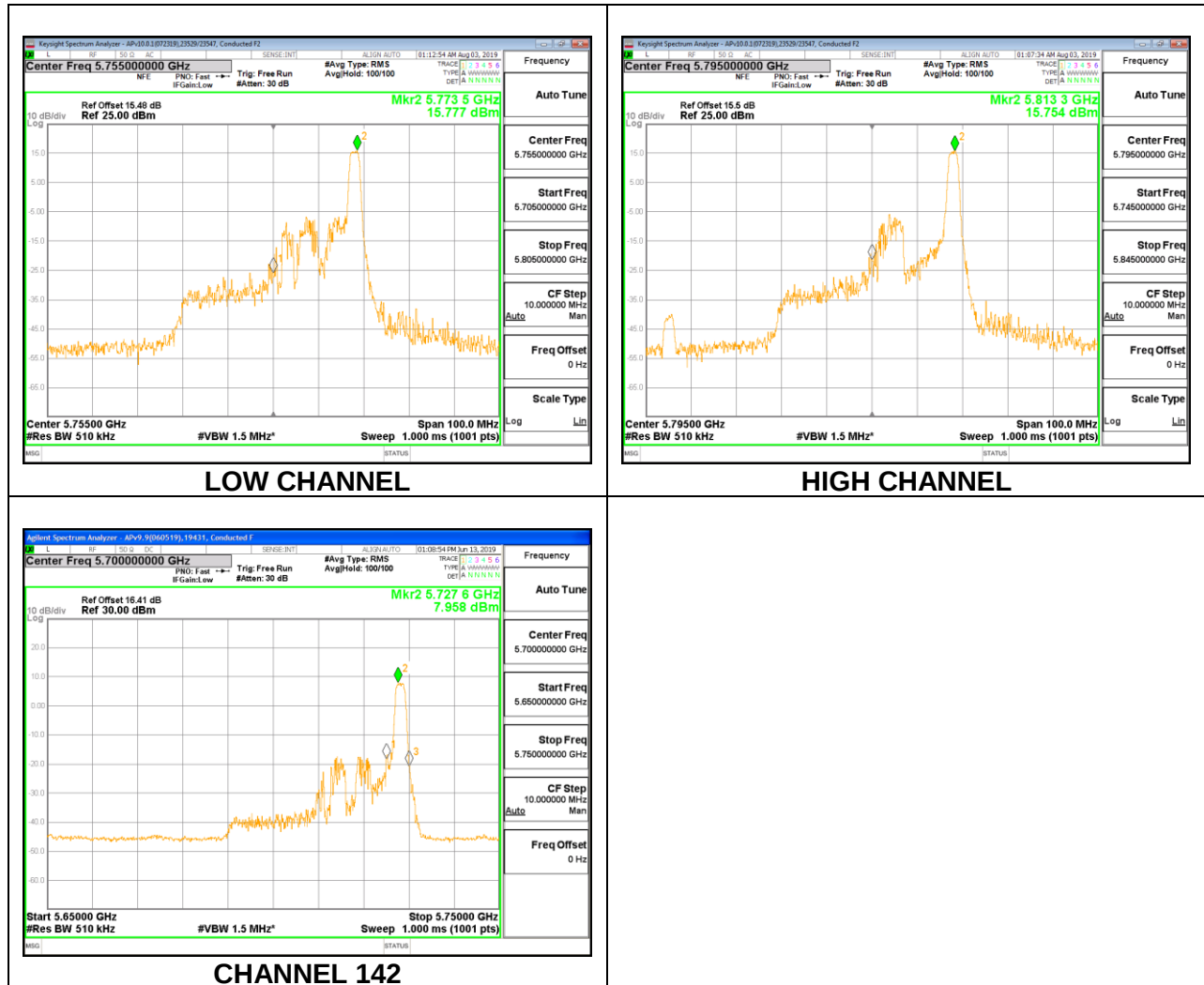
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.19	21.19	30.00	-8.81
High	5795	21.25	21.25	30.00	-8.75

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	15.78	15.78	30.00	-14.22
High	5795	15.75	15.75	30.00	-14.25
142	5710	7.96	7.96	30.00	-22.04



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

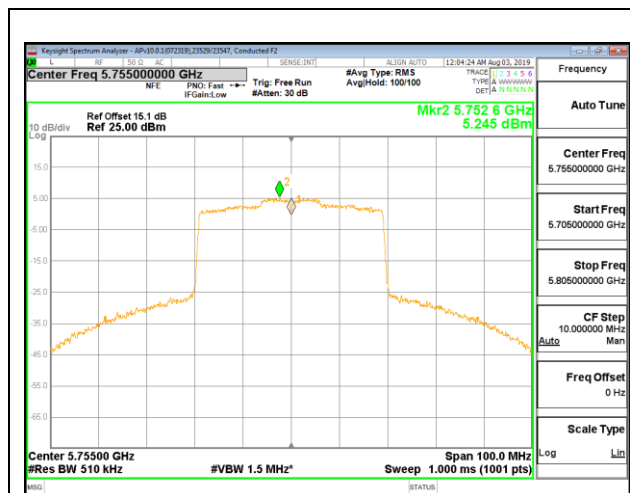
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

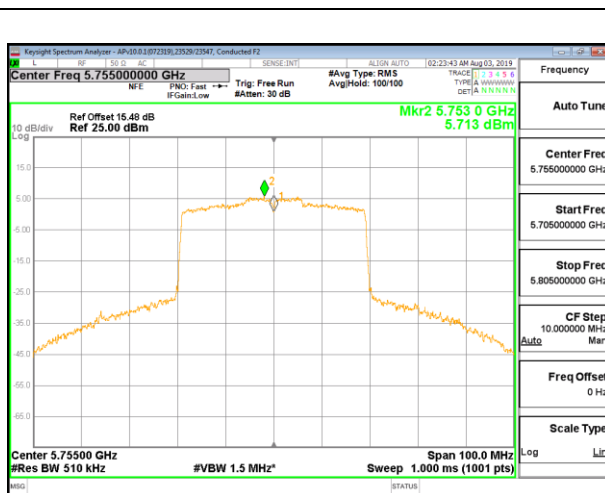
Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.23	21.14	24.20	30.00	-5.80
High	5795	21.18	21.16	24.18	30.00	-5.82

PSD Results

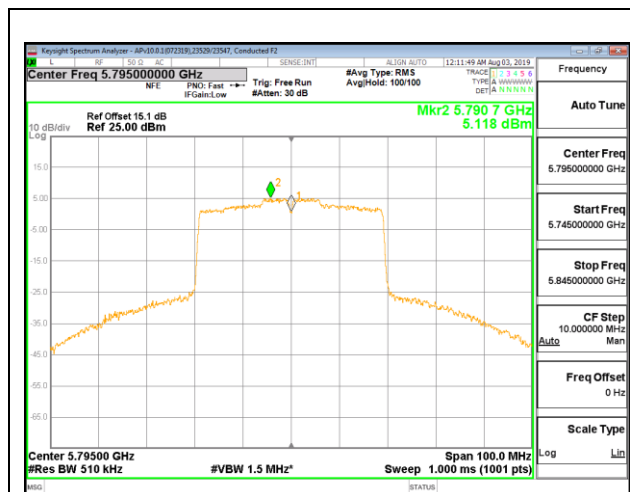
Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 500KHz)	Antenna 5 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5755	5.25	5.71	8.50	30.00	-21.50
High	5795	5.12	5.34	8.24	30.00	-21.76
142	5710	2.08	1.87	4.99	30.00	-25.01



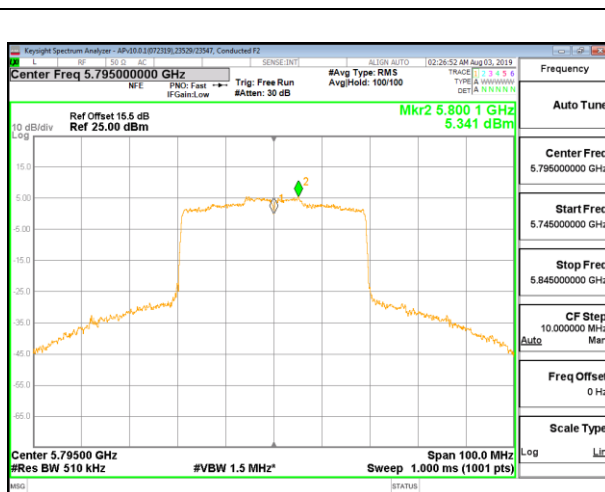
LOW CHANNEL ANT 6



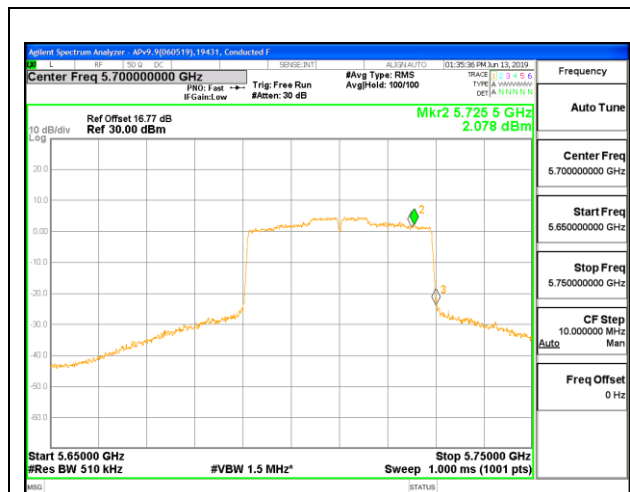
LOW CHANNEL ANT 5



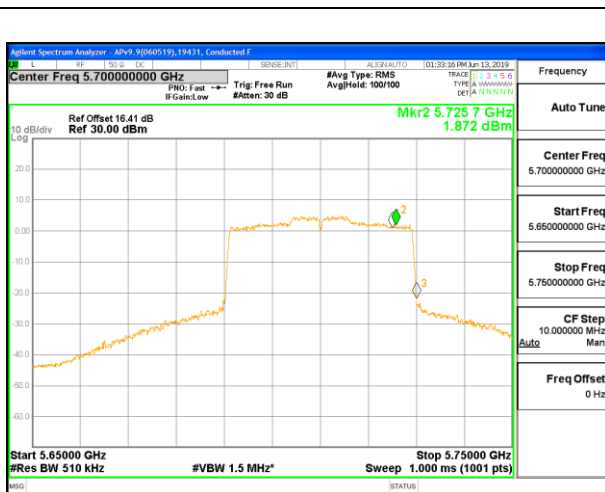
HIGH CHANNEL ANT 6



HIGH CHANNEL ANT 5



CHANNEL 142 ANT 6



CHANNEL 142 ANT 5

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

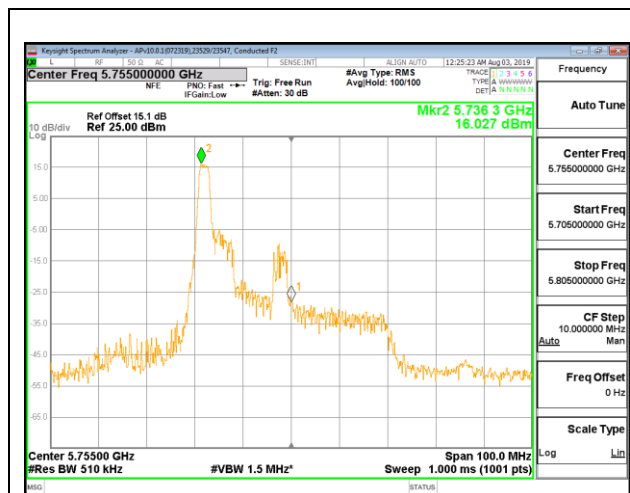
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

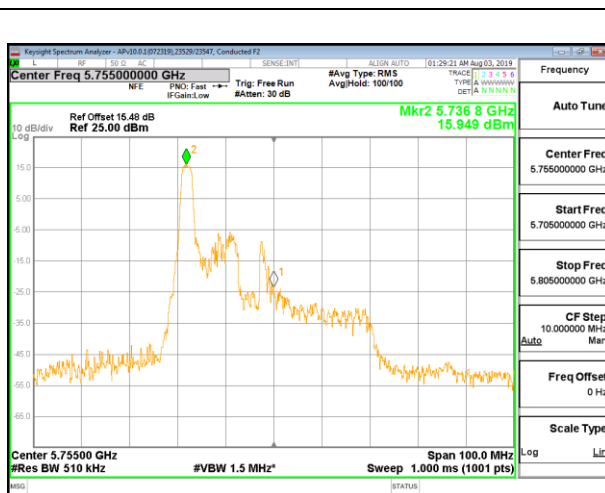
Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.19	21.20	24.21	30.00	-5.79
High	5795	21.23	21.16	24.21	30.00	-5.79

PSD Results

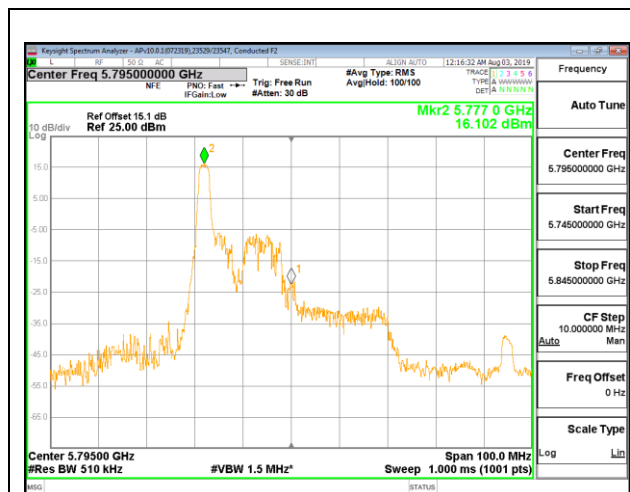
Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 500KHz)	Antenna 5 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5755	16.03	15.95	19.00	30.00	-11.00
High	5795	16.10	15.73	18.93	30.00	-11.07
142	5710	-38.85	-39.83	-36.30	30.00	-66.30



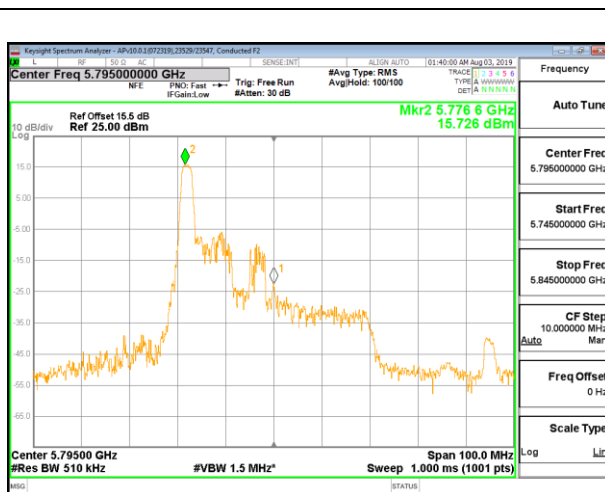
LOW CHANNEL ANT 6



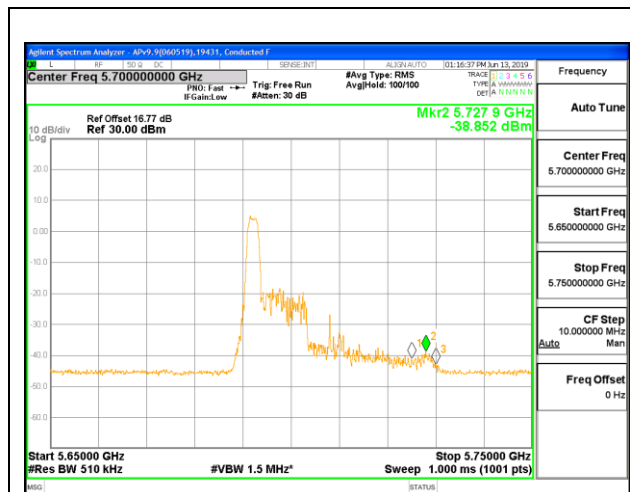
LOW CHANNEL ANT 5



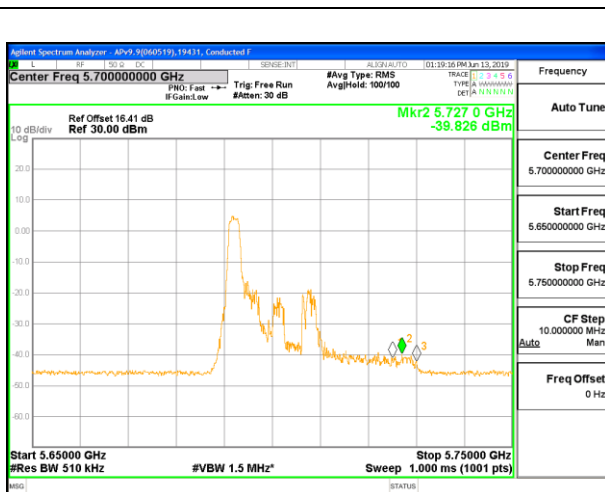
HIGH CHANNEL ANT 6



HIGH CHANNEL ANT 5



CHANNEL 142 ANT 6



CHANNEL 142 ANT 5

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

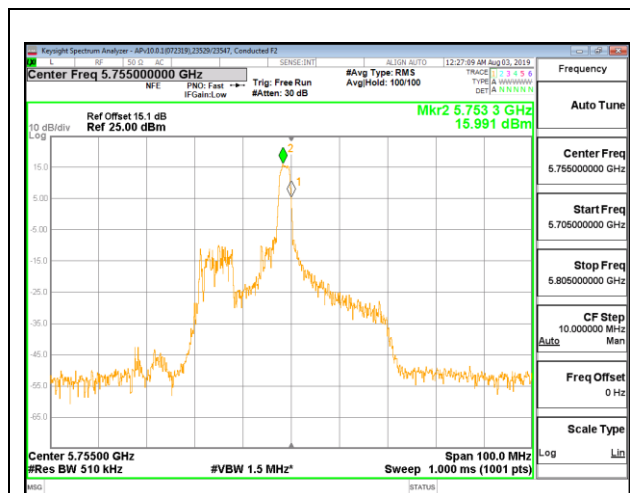
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

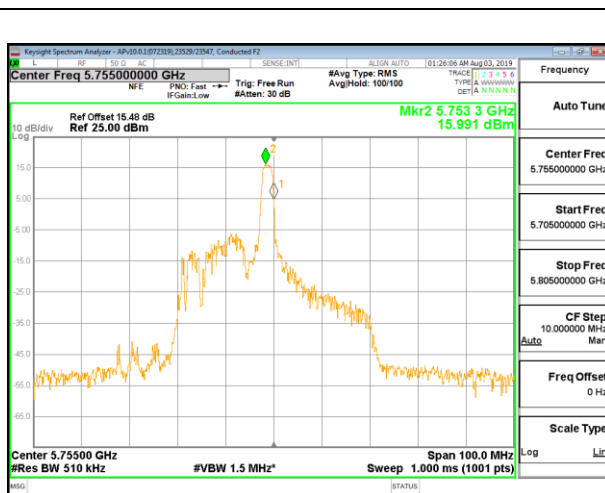
Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	21.25	21.21	24.24	30.00	-5.76
High	5795	21.13	21.18	24.17	30.00	-5.83

PSD Results

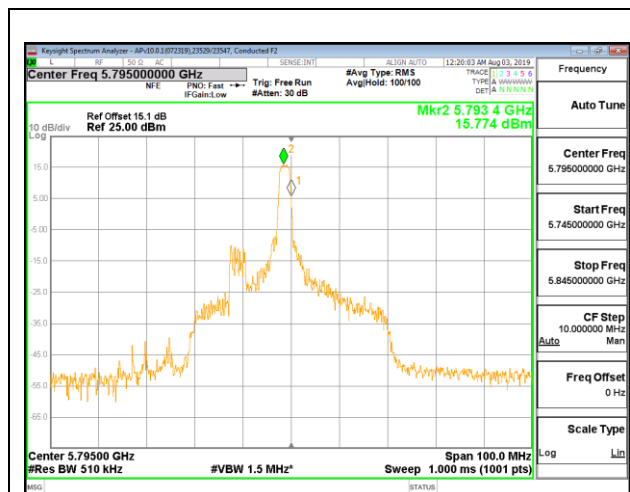
Channel	Frequency (MHz)	Antenna 6 Meas PSD (dBm/ 500KHz)	Antenna 5 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5755	15.99	15.99	19.00	30.00	-11.00
High	5795	15.77	16.70	19.27	30.00	-10.73
142	5710	-38.09	-38.58	-35.32	30.00	-65.32



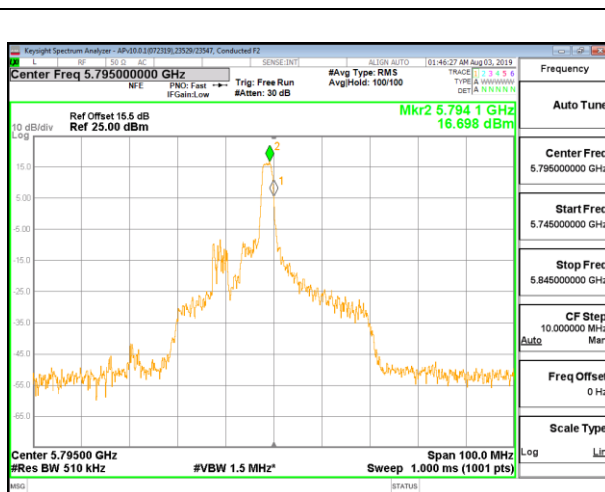
LOW CHANNEL ANT 6



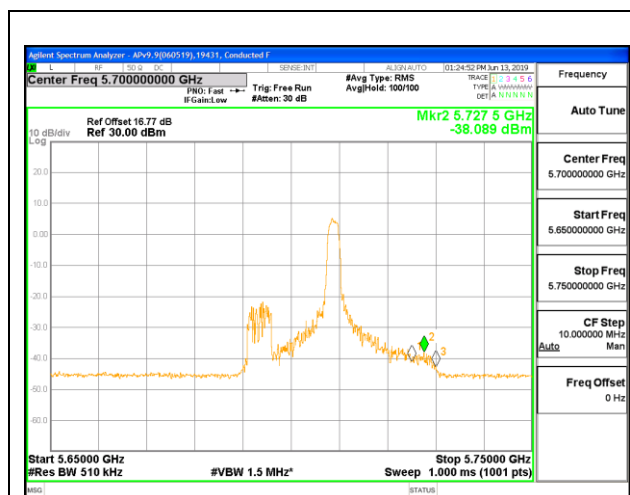
LOW CHANNEL ANT 5



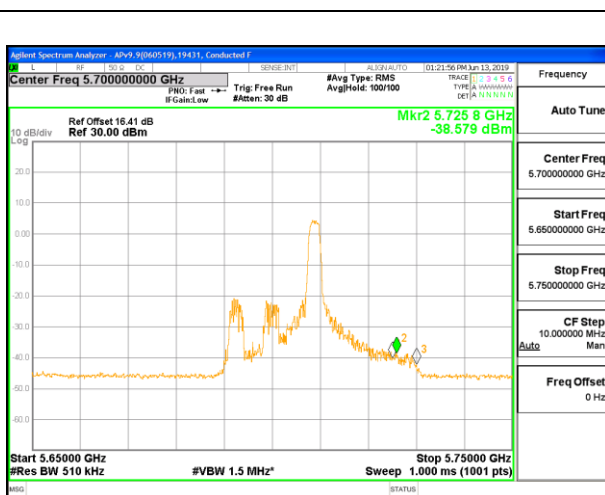
HIGH CHANNEL ANT 6



HIGH CHANNEL ANT 5



CHANNEL 142 ANT 6



CHANNEL 142 ANT 5

2TX Antenna 6 + Antenna 5 OFDMA MODE – 26-Tones, RU Index 17 (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

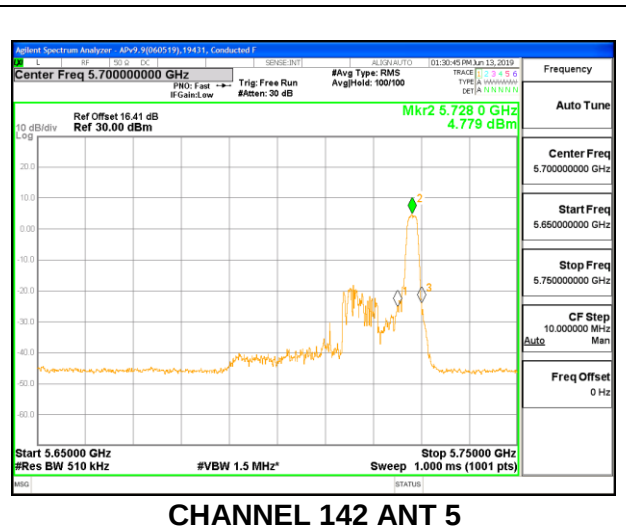
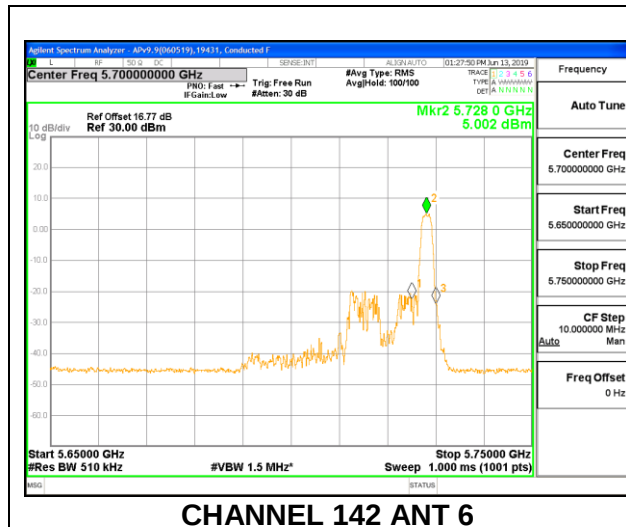
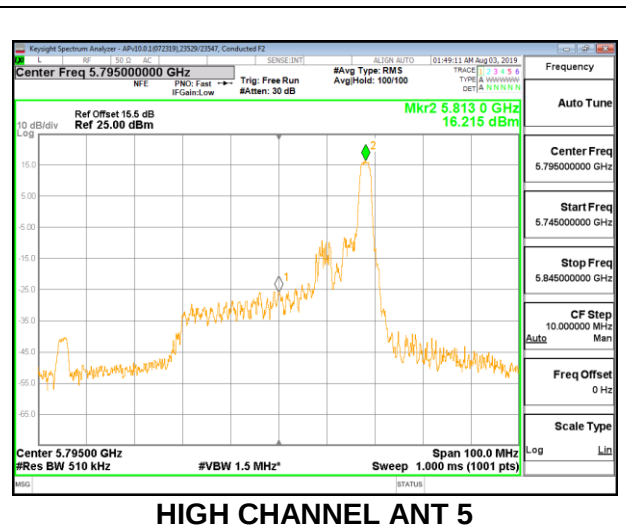
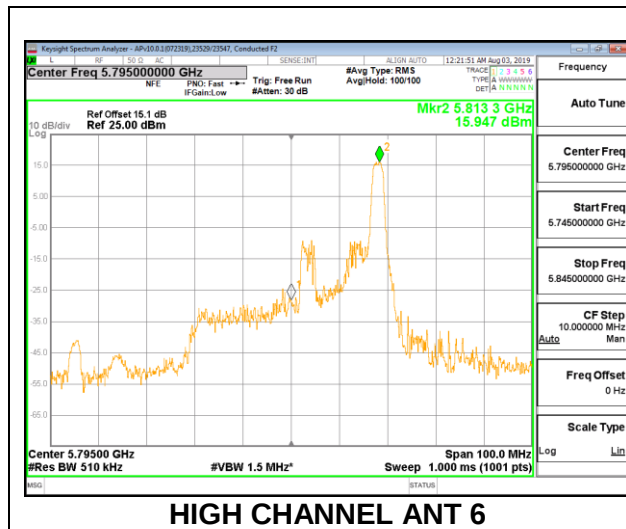
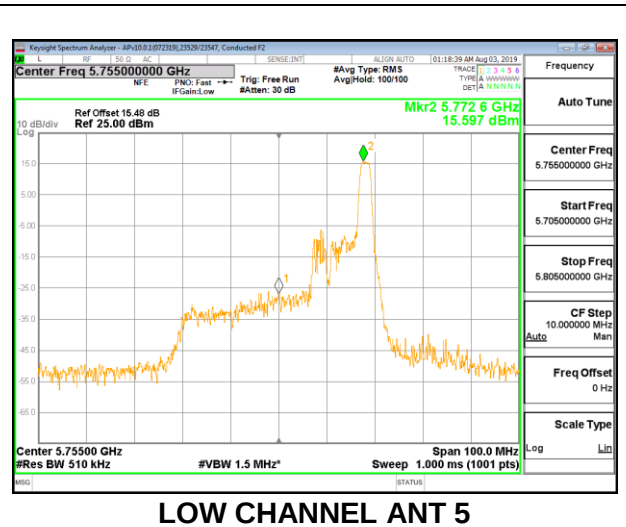
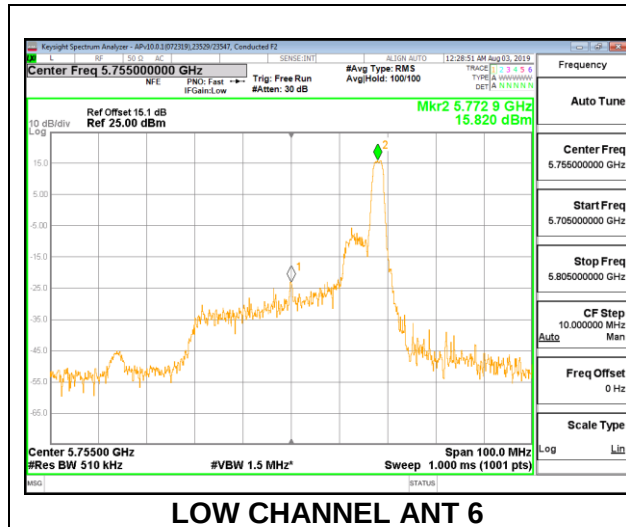
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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	5755	21.19	21.21	24.21	30.00	-5.79
High	5795	21.17	21.12	24.16	30.00	-5.84

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	15.82	15.60	18.72	30.00	-11.28
High	5795	15.95	16.22	19.09	30.00	-10.91
142	5710	5.00	4.78	7.90	30.00	-22.10



8.5.24. 802.11ax HE80 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE – 996-Tones, RU Index 67 (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

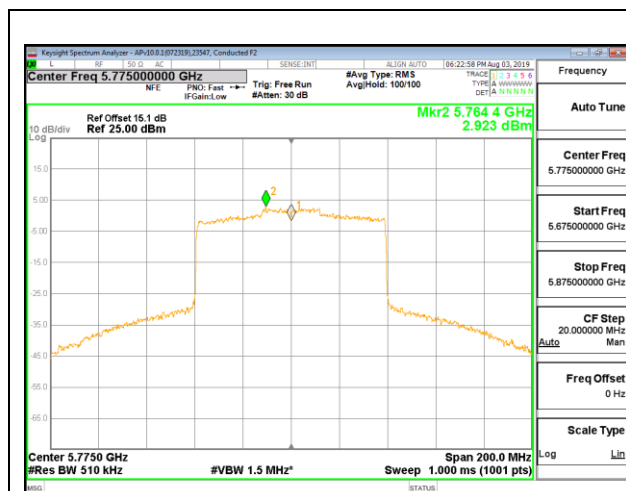
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

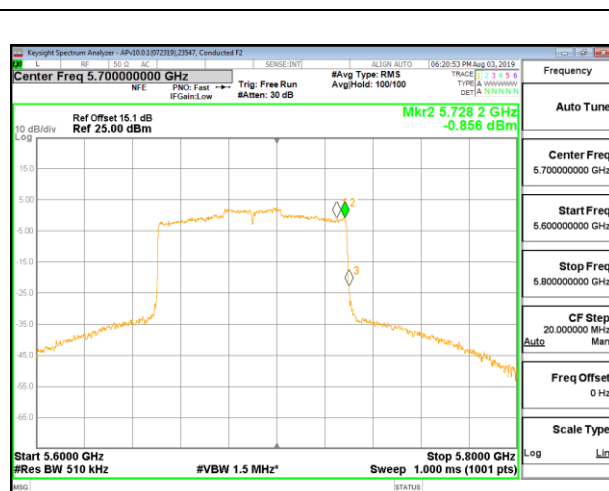
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.22	21.22	30.00	-8.78

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	2.92	2.92	30.00	-27.08
138	5690	-0.86	-0.86	30.00	-30.86



MID CHANNEL



CHANNEL 138

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

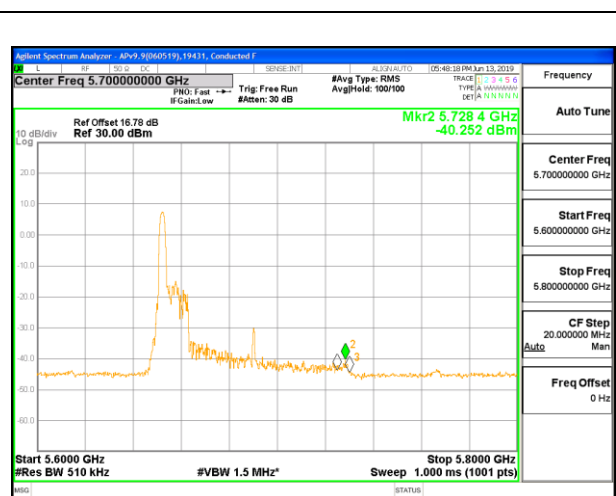
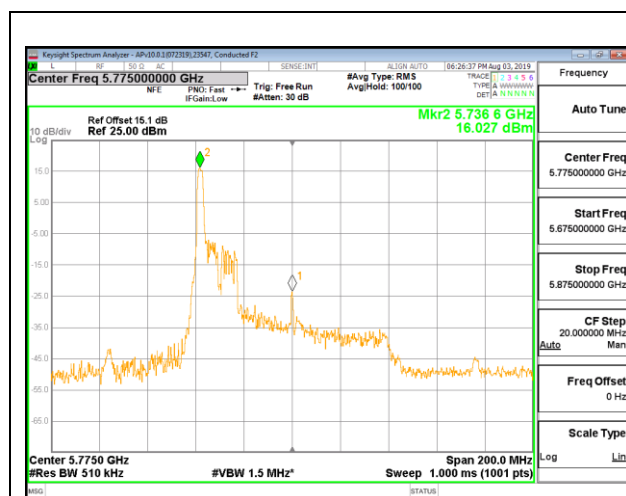
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	16.03	16.03	30.00	-13.97
138	5690	-40.25	-40.25	30.00	-70.25



1TX Antenna 6 MODE – 26-Tones, RU Index 18 (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

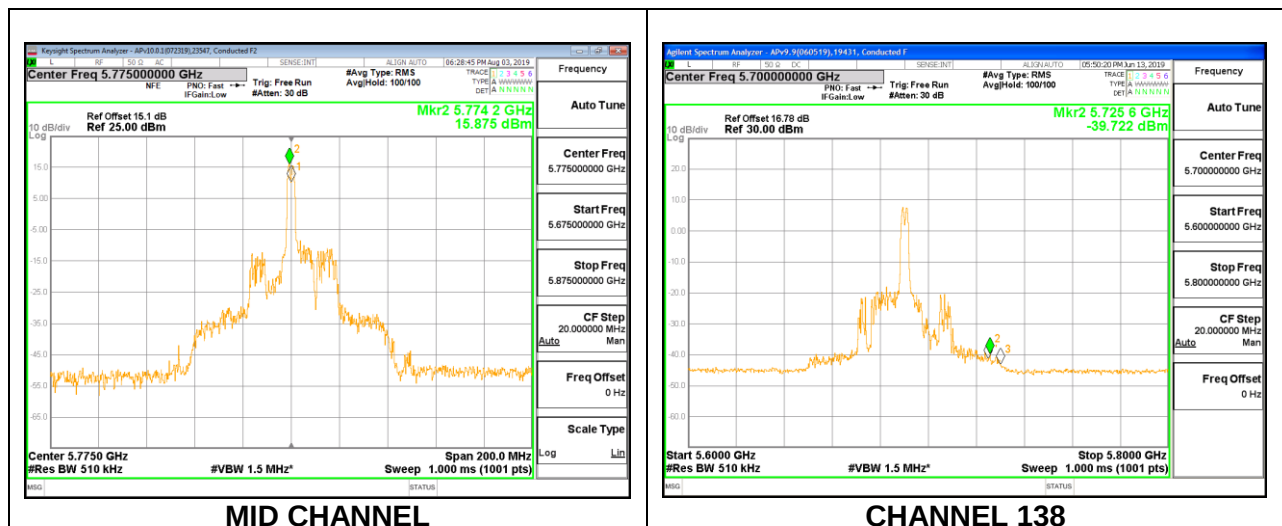
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.15	21.15	30.00	-8.85

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	15.88	15.88	30.00	-14.13
138	5690	-39.72	-39.72	30.00	-69.72



1TX Antenna 6 MODE – 26-Tones, RU Index 36 (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

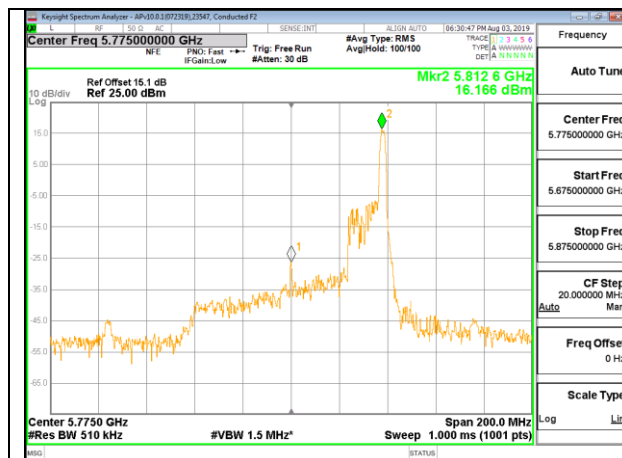
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

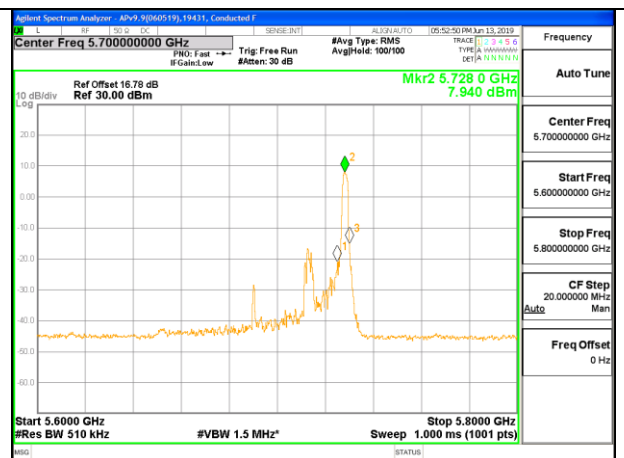
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.22	21.22	30.00	-8.78

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	16.17	16.17	30.00	-13.83
138	5690	7.94	7.94	30.00	-22.06



MID CHANNEL



CHANNEL 138

1TX Antenna 5 MODE – 996-Tones, RU Index 67 (FCC)

Antenna Gain and Limit

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

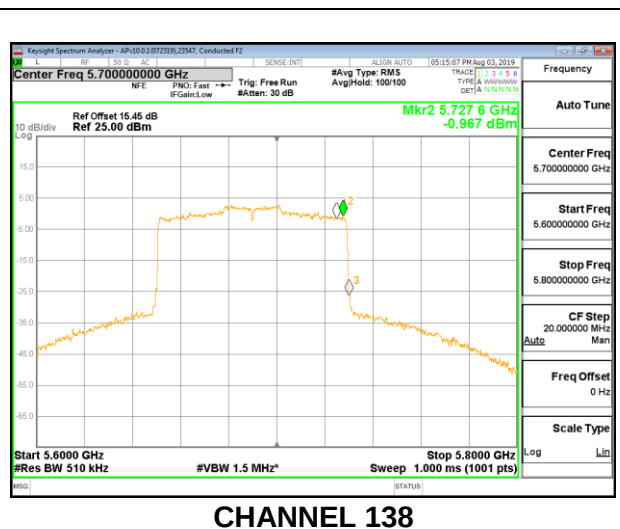
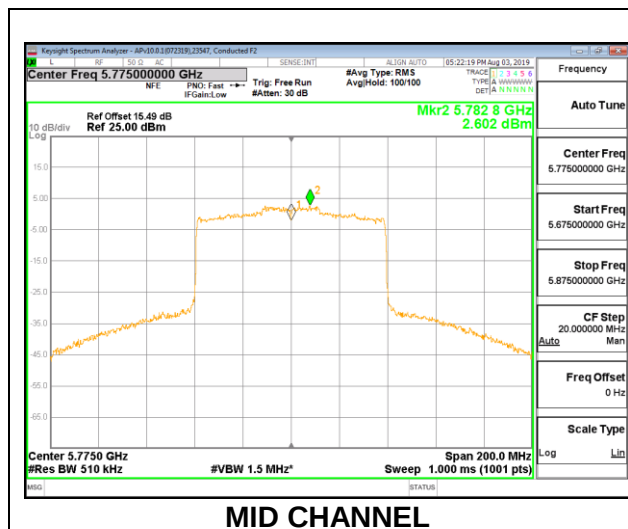
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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

PSD Results

Channel	Frequency	Meas PSD	Total Corr'd PSD	PSD Limit	PSD Margin
	(MHz)	(dBm/500KHz)	(dBm/500KHz)	(dBm/500KHz)	(dB)
Mid	5775	2.60	2.60	30.00	-27.40
138	5690	-0.97	-0.97	30.00	-30.97



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

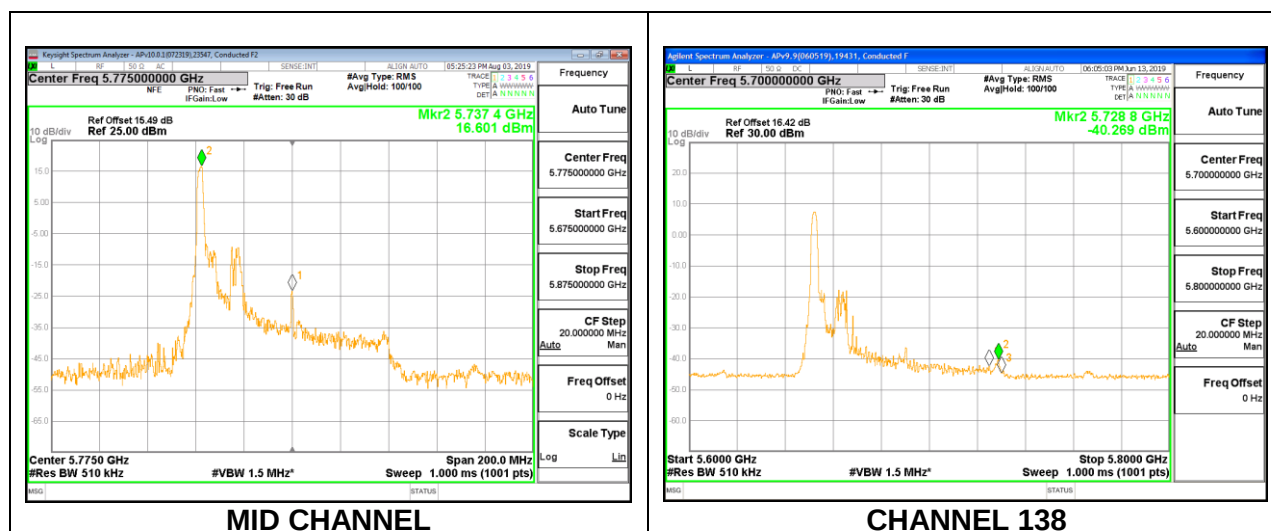
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.12	21.12	30.00	-8.88

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	16.60	16.60	30.00	-13.40
138	5690	-40.27	-40.27	30.00	-70.27



1TX Antenna 5 MODE – 26-Tones, RU Index 18 (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

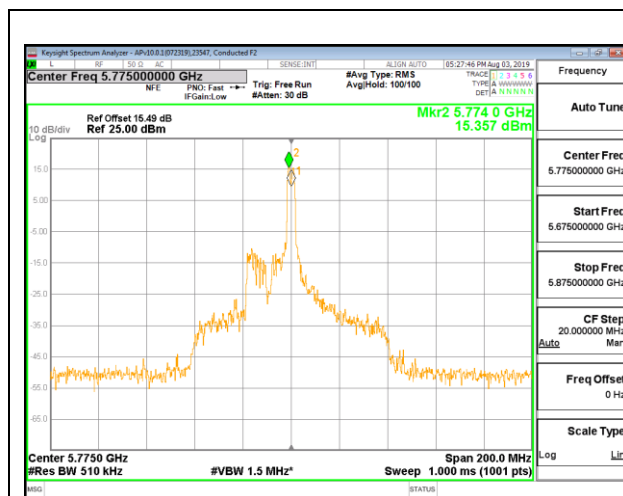
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

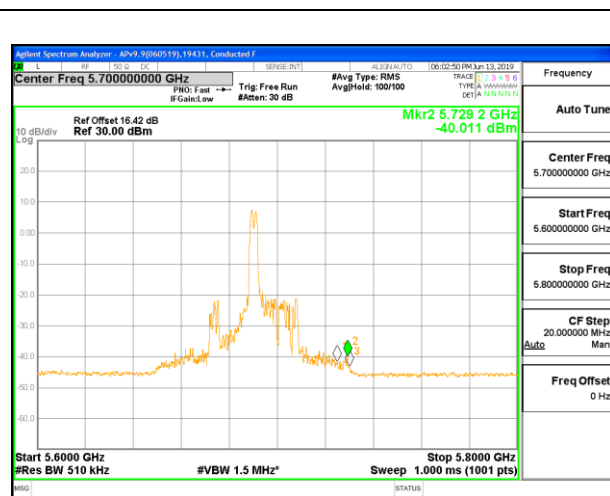
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.11	21.11	30.00	-8.89

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	15.36	15.36	30.00	-14.64
138	5690	-40.01	-40.01	30.00	-70.01



MID CHANNEL



CHANNEL 138

1TX Antenna 5 MODE – 26-Tones, RU Index 36 (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

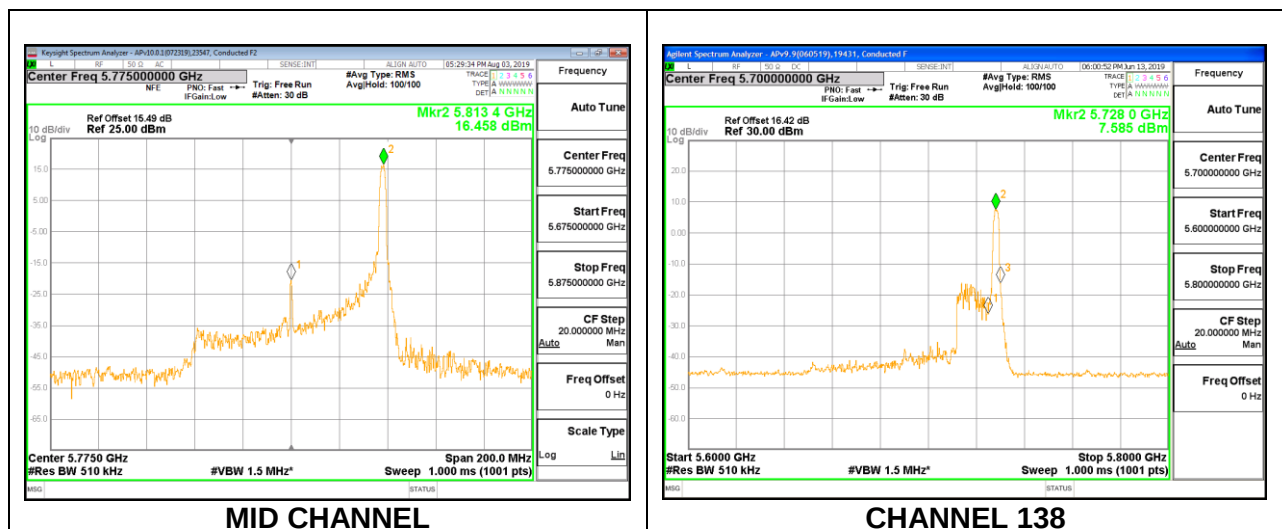
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

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

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	16.46	16.46	30.00	-13.54
138	5690	7.59	7.59	30.00	-22.42



2TX Antenna 6 + Antenna 5 OFDMA MODE – 996-Tones, RU Index 67 (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

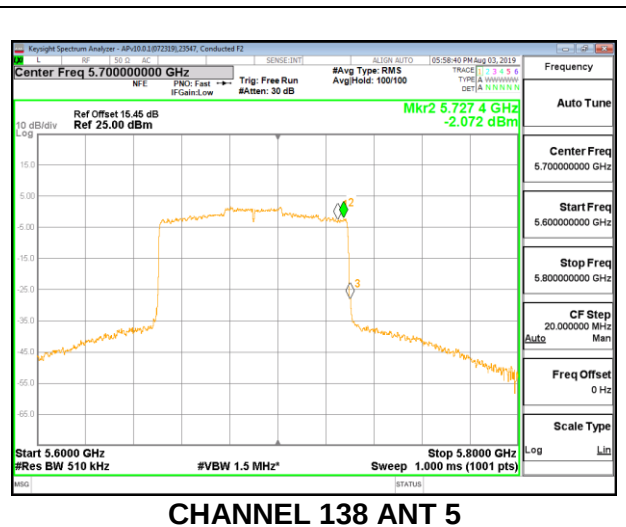
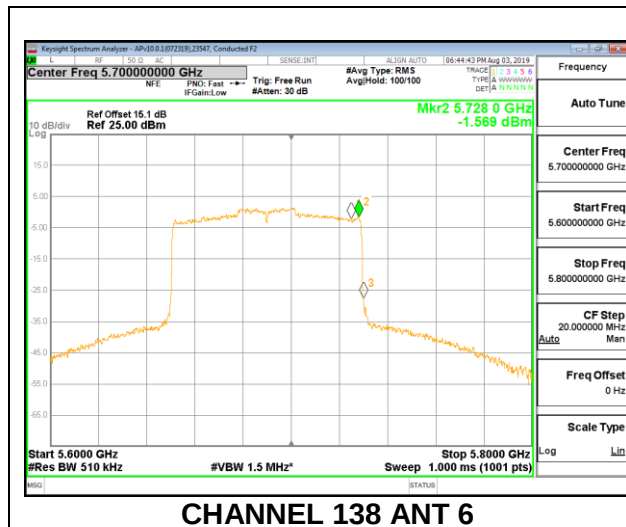
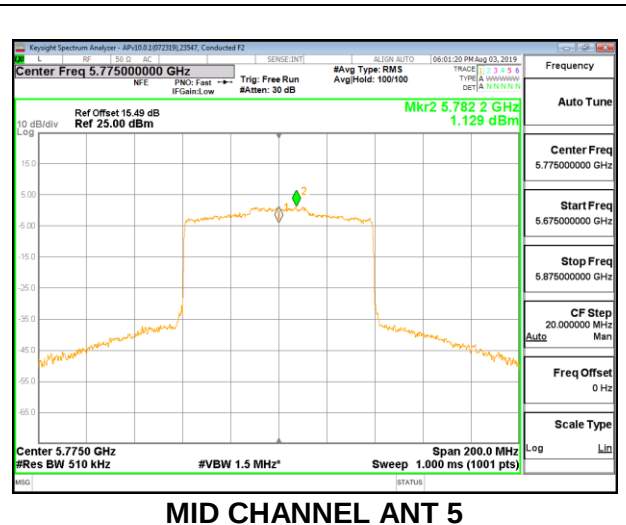
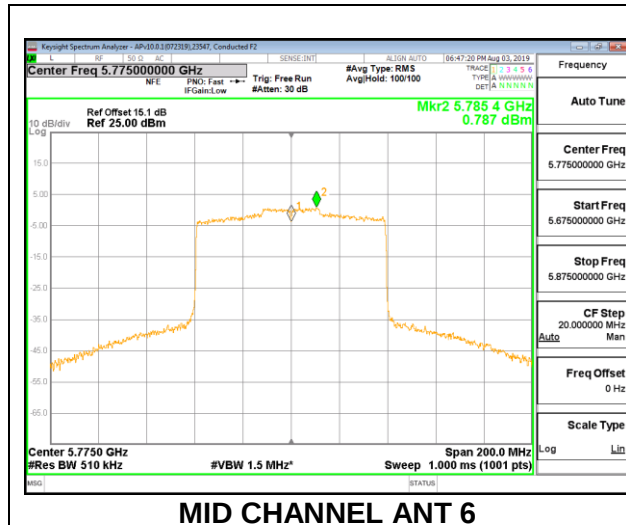
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	19.68	19.71	22.71	30.00	-7.29

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	5755	0.79	1.13	3.97	30.00	-26.03
138	5690	-1.57	-2.07	1.20	30.00	-28.80



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

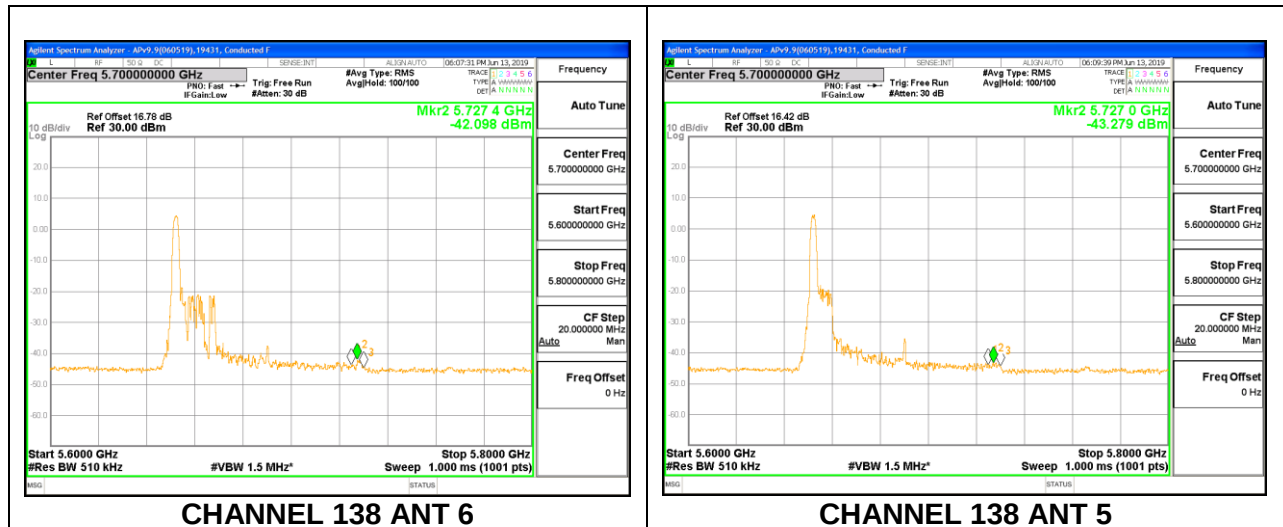
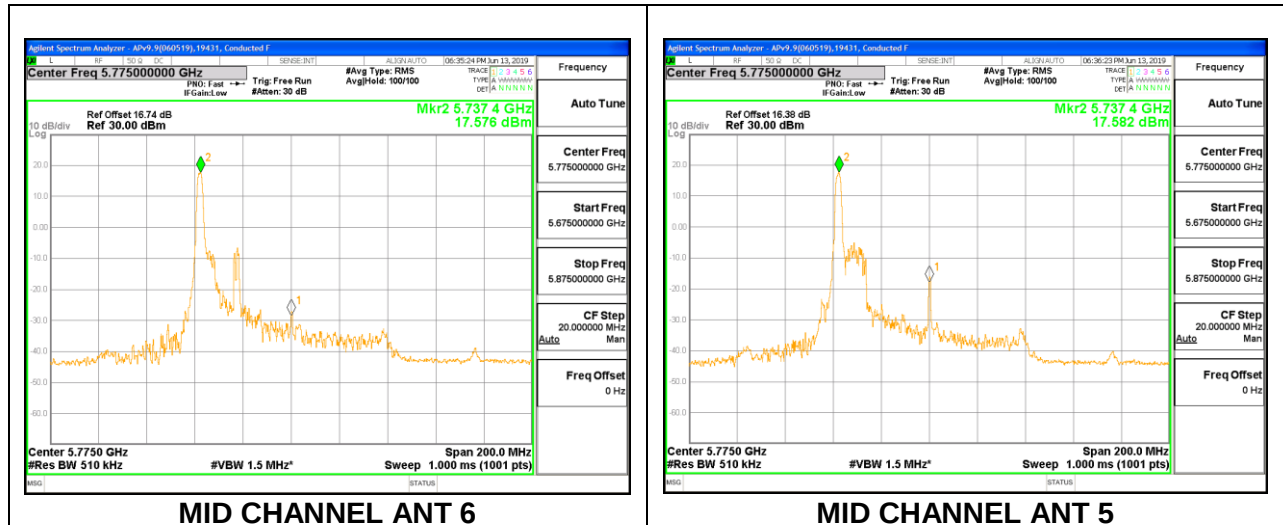
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	19.68	19.67	22.69	30.00	-7.31

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	5755	17.58	17.58	20.59	30.00	-9.41
138	5690	-42.10	-43.28	-39.64	30.00	-69.64



2TX Antenna 6 + Antenna 5 OFDMA MODE – 26-Tones, RU Index 18 (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

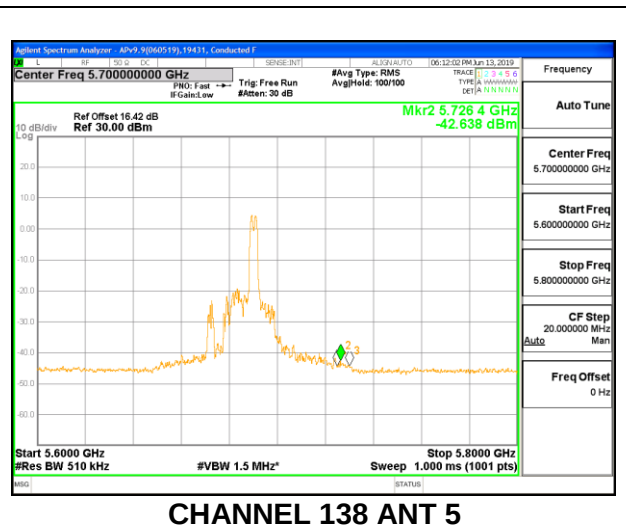
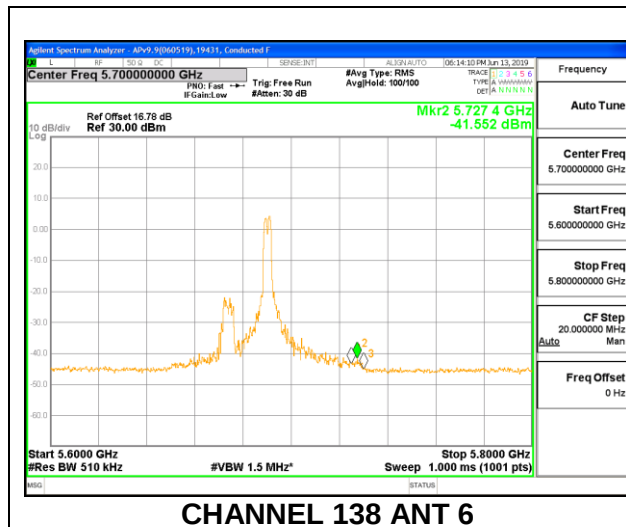
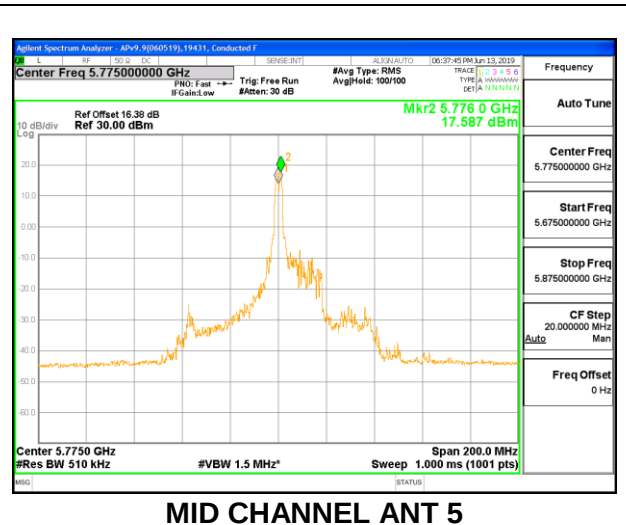
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Antenna 6 Meas Power (dBm)	Antenna 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	19.71	19.69	22.71	30.00	-7.29

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	5755	17.69	17.59	20.65	30.00	-9.35
138	5690	-41.55	-42.64	-39.05	30.00	-69.05



2TX Antenna 6 + Antenna 5 OFDMA MODE – 26-Tones, RU Index 36 (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)	0.00	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)
Mid	5755	19.72	19.64	22.69	30.00	-7.31

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	5755	17.79	17.39	20.60	30.00	-9.40
138	5690	4.97	4.92	7.95	30.00	-22.05

