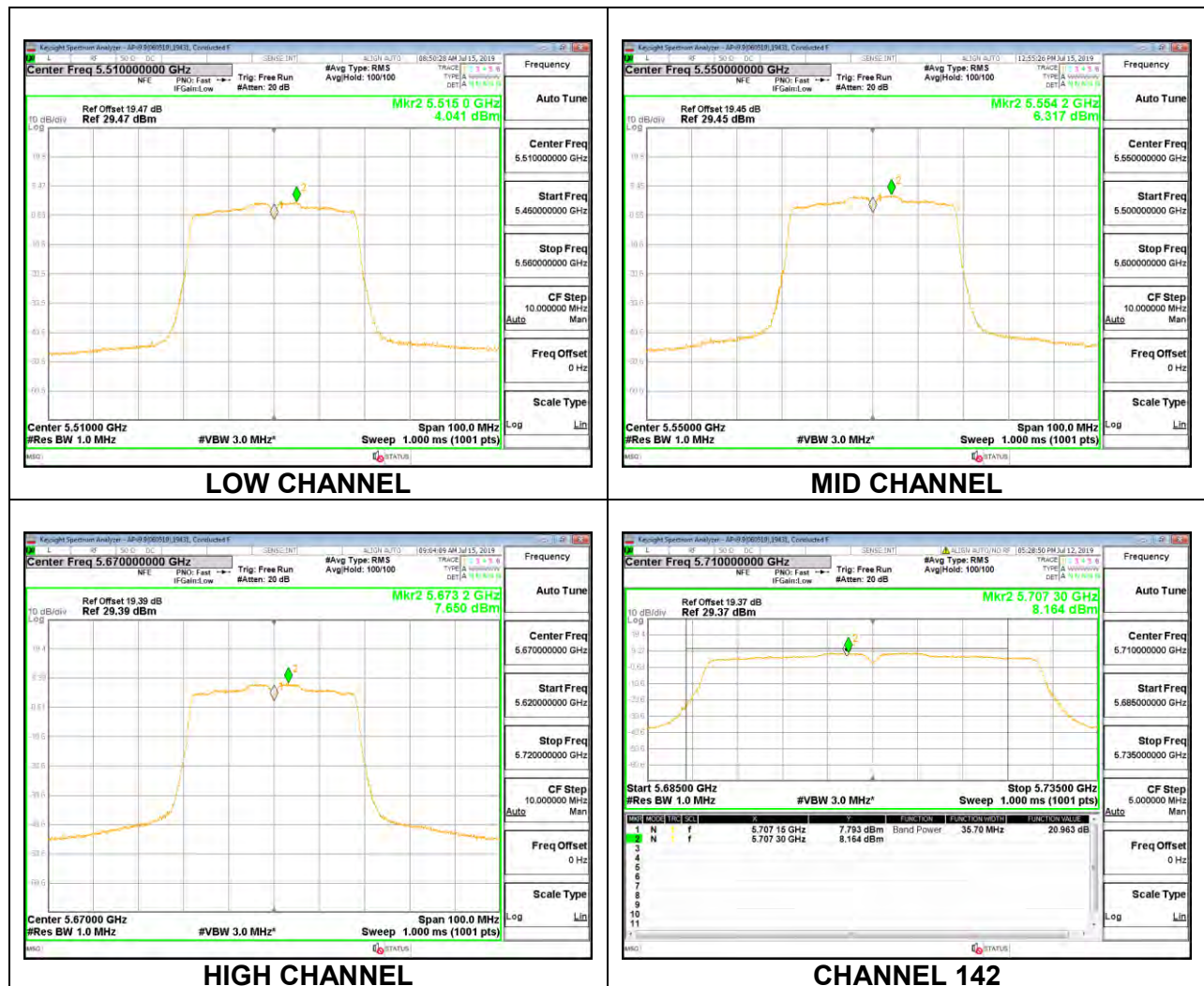




1TX Antenna 5 MODE

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	41.40	36.002	-5.9
Mid	5550	41.40	36.193	-5.9
High	5670	41.40	36.132	-5.9
142	5710	41.20	36.148	-5.9

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	24.00	30.00	24.00	11.00	11.00	11.00
Mid	5550	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5670	24.00	24.00	30.00	24.00	11.00	11.00	11.00
142	5710	24.00	24.00	30.00	24.00	11.00	11.00	11.00

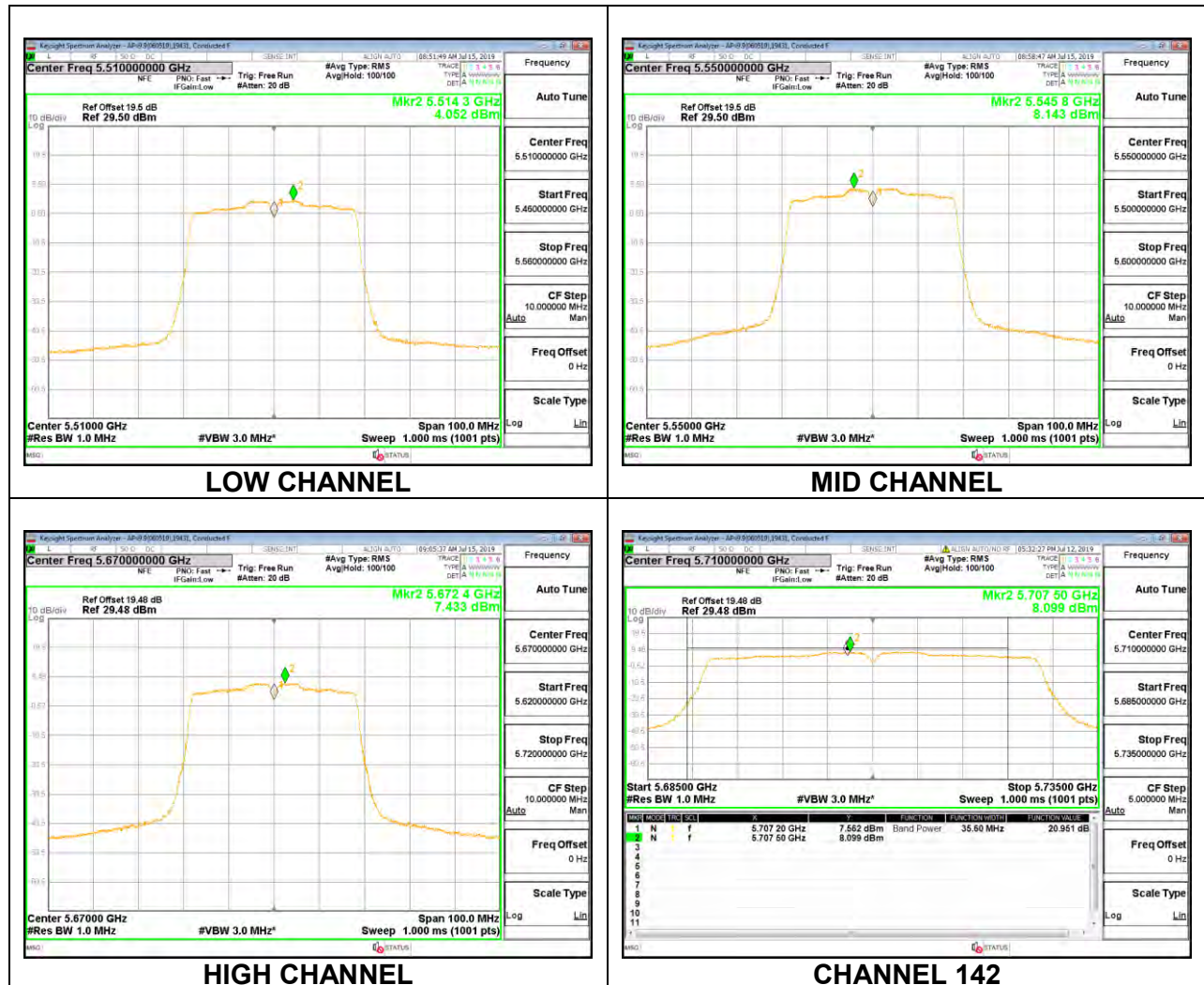
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	17.21	17.21	24.00	-6.79
Mid	5550	21.22	21.22	24.00	-2.78
High	5670	20.19	20.19	24.00	-3.81
142	5710	21.33	21.33	24.00	-2.67

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	4.052	4.14	11.00	-6.86
Mid	5550	8.143	8.23	11.00	-2.77
High	5670	7.433	7.52	11.00	-3.48
142	5710	8.099	8.19	11.00	-2.81



2TX Antenna 6 + Antenna 5 CDD MODE

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5510	41.00	36.206	-3.24	-0.48
Mid	5550	41.00	36.101	-3.24	-0.48
High	5670	41.00	36.332	-3.24	-0.48
142	5710	41.30	36.176	-3.24	-0.48

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	24.00	30.00	24.00	11.00	11.00	11.00
Mid	5550	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5670	24.00	24.00	30.00	24.00	11.00	11.00	11.00
142	5710	24.00	24.00	30.00	24.00	11.00	11.00	11.00

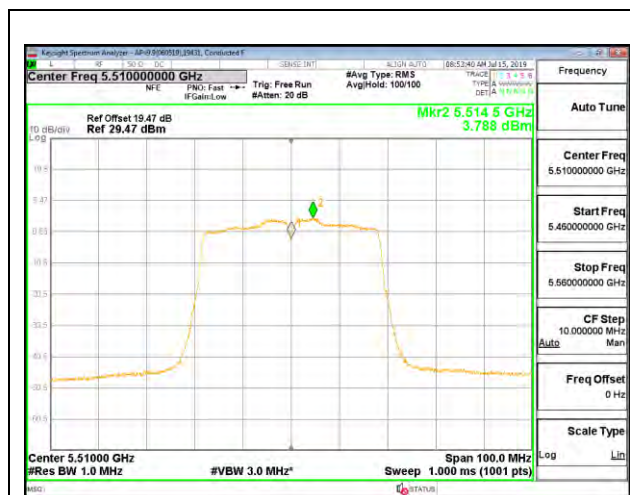
Duty Cycle CF (dB)	0.09	Included in Calculations of Corr'd Power & PSD
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Output Power Results

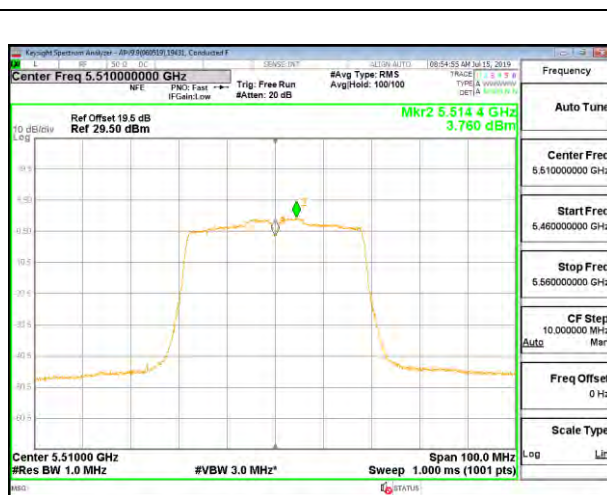
Channel	Frequency (MHz)	ANT 6 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	16.67	16.65	19.67	24.00	-4.33
Mid	5550	19.13	19.79	22.48	24.00	-1.52
High	5670	19.67	19.70	22.70	24.00	-1.30
142	5710	19.72	19.80	22.77	24.00	-1.23

PSD Results

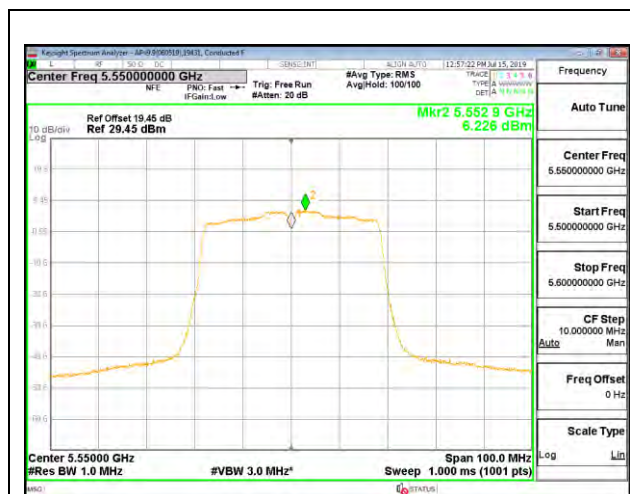
Channel	Frequency (MHz)	ANT 6 Meas PSD (dBm/ 1MHz)	ANT 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	3.788	3.760	6.87	11.00	-4.13
Mid	5550	6.226	6.975	9.72	11.00	-1.28
High	5670	6.813	6.947	9.98	11.00	-1.02
142	5710	6.910	6.597	9.86	11.00	-1.14



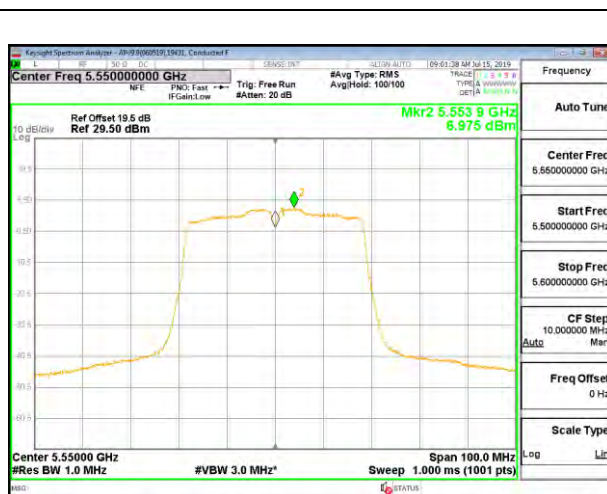
LOW CHANNEL ANT 6



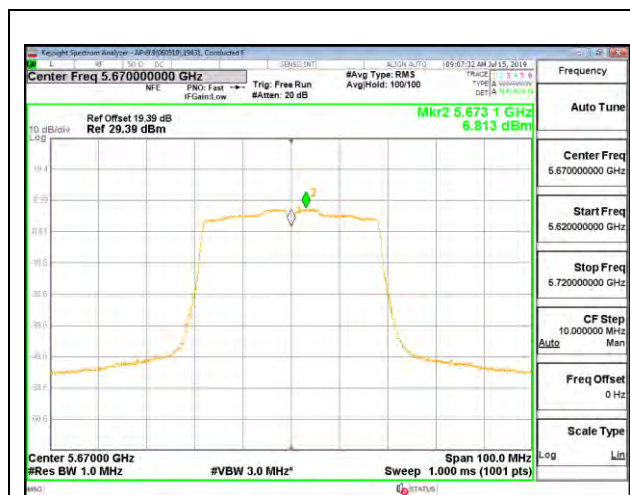
LOW CHANNEL ANT 5



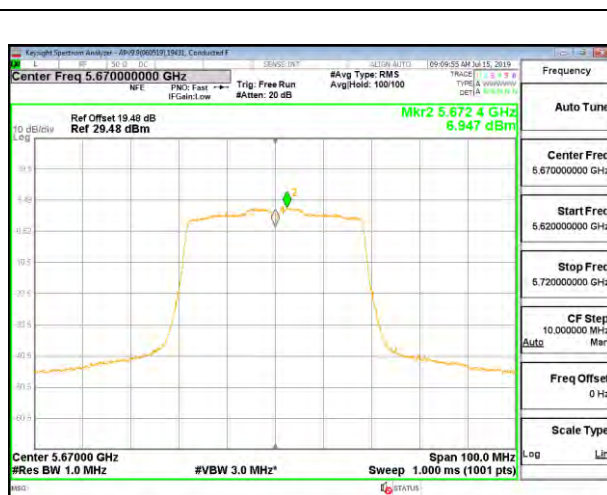
MID CHANNEL ANT 6



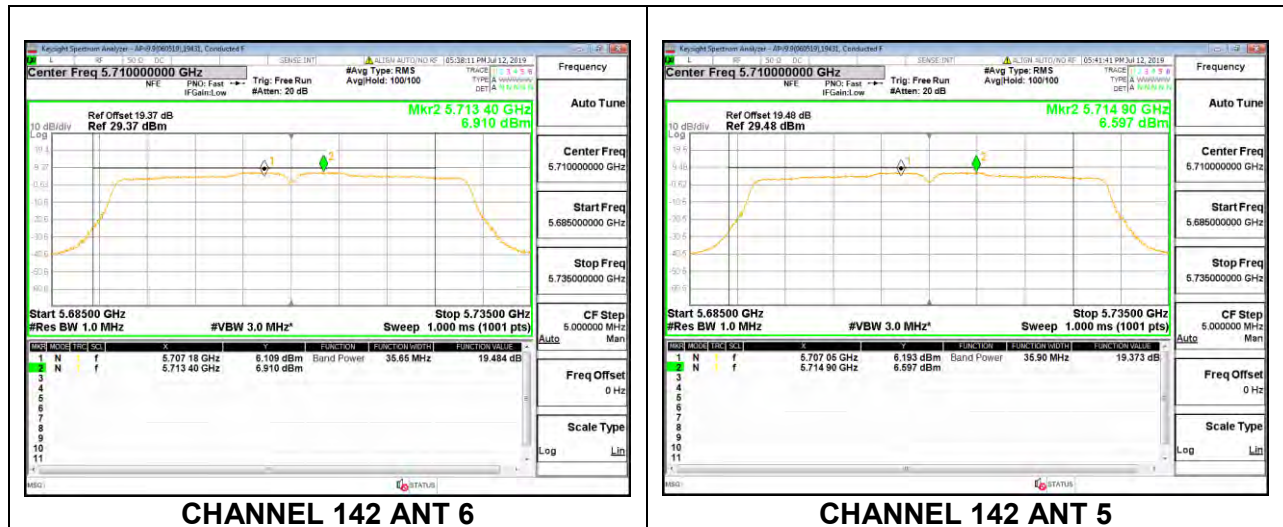
MID CHANNEL ANT 5



HIGH CHANNEL ANT 6



HIGH CHANNEL ANT 5



8.5.15. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	84.40	75.851	-1.6
High	5610	83.80	76.060	-1.6
138	5690	84.00	76.468	-1.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5610	24.00	24.00	30.00	24.00	11.00	11.00	11.00
138	5690	24.00	24.00	30.00	24.00	11.00	11.00	11.00

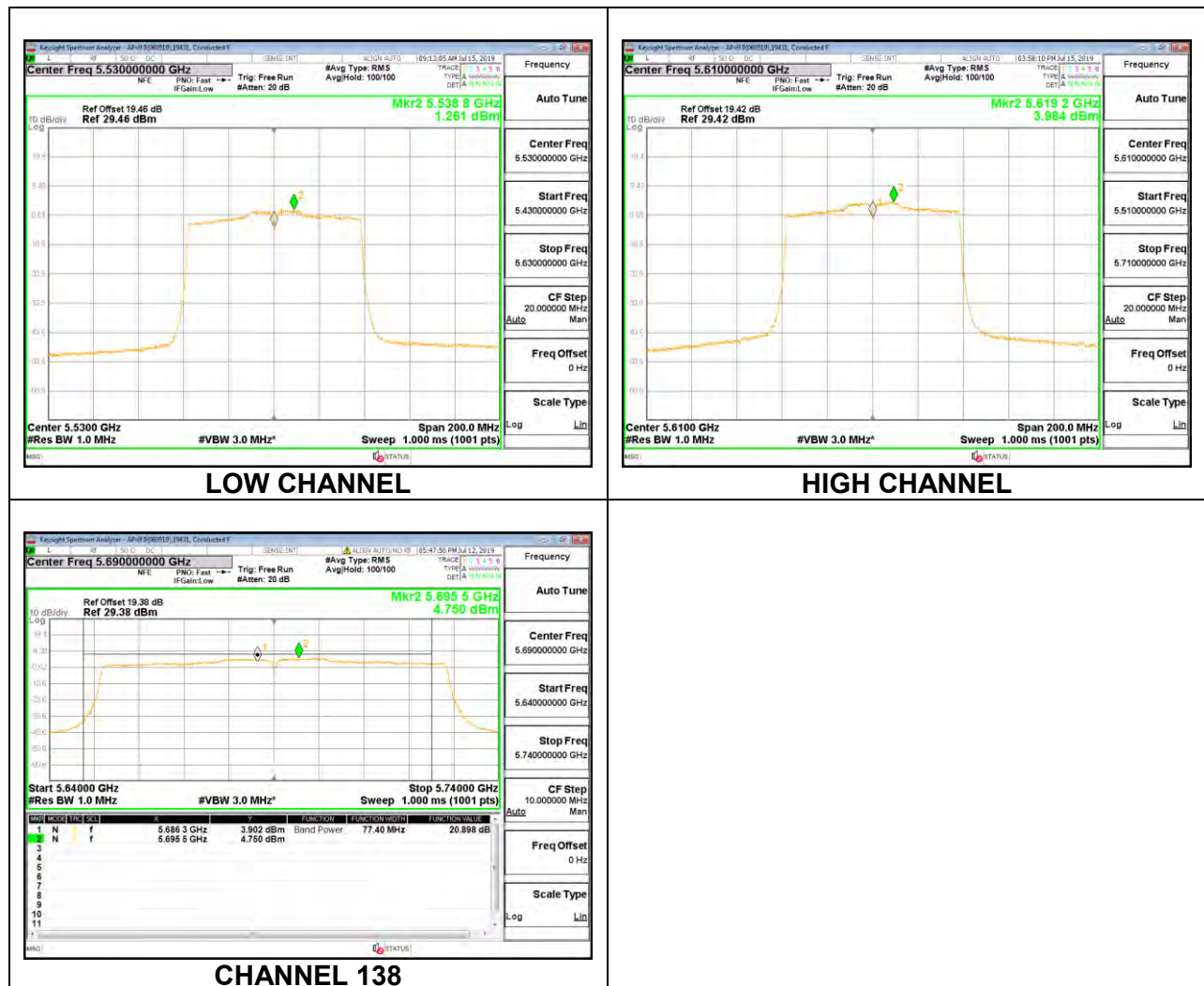
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	16.21	16.21	24.00	-7.79
High	5610	19.72	19.72	24.00	-4.28
138	5690	21.29	21.29	24.00	-2.71

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	1.261	1.451	11.00	-9.55
High	5610	3.984	4.174	11.00	-6.83
138	5690	4.750	4.940	11.00	-6.06



1TX Antenna 5 MODE

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	84.40	76.051	-5.9
High	5610	84.20	76.226	-5.9
138	5690	84.00	75.849	-5.9

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5610	24.00	24.00	30.00	24.00	11.00	11.00	11.00
138	5690	24.00	24.00	30.00	24.00	11.00	11.00	11.00

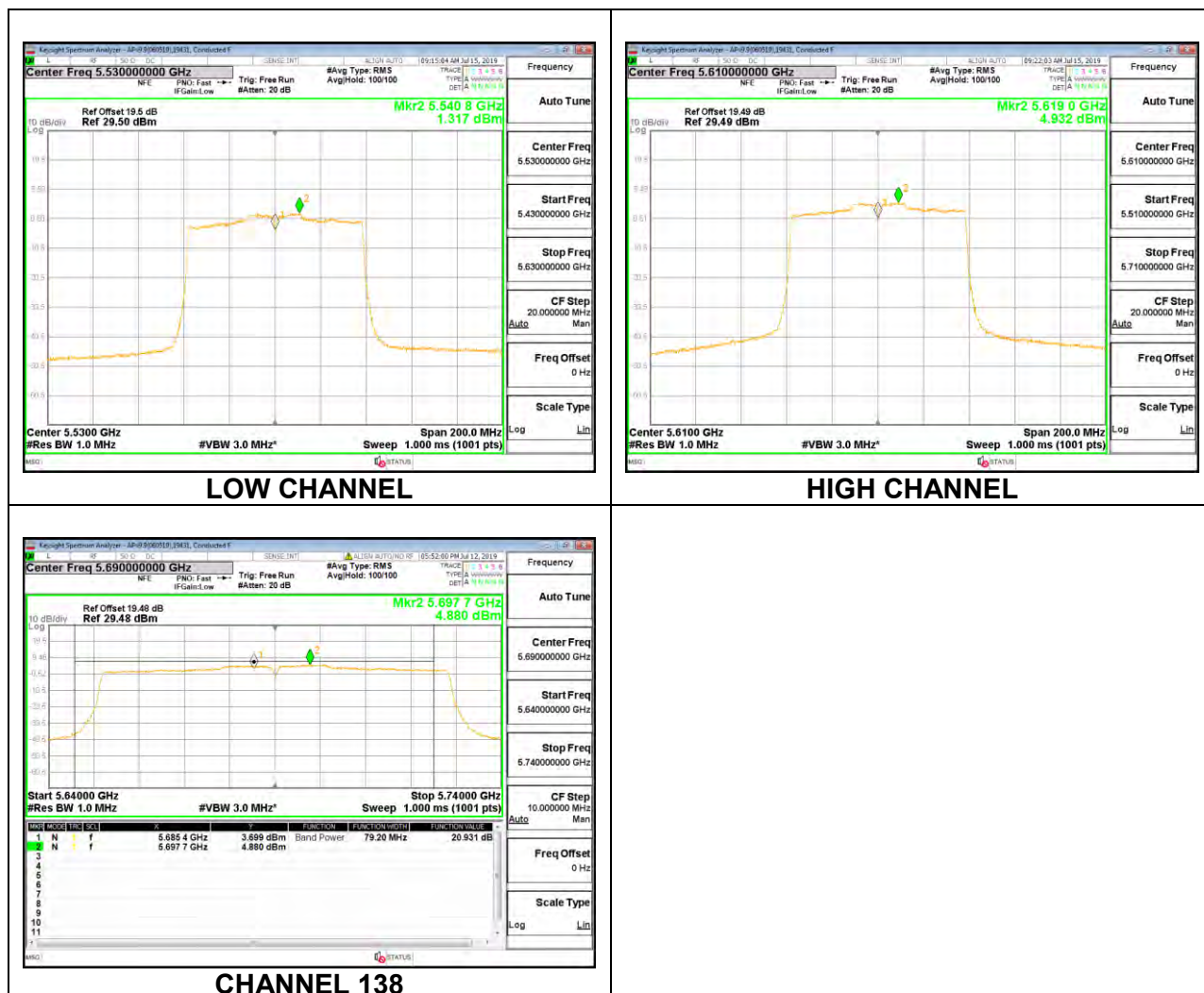
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	16.17	16.17	24.00	-7.83
High	5610	21.26	21.26	24.00	-2.74
138	5690	21.31	21.31	24.00	-2.69

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	1.317	1.507	11.00	-9.49
High	5610	4.932	5.122	11.00	-5.88
138	5690	4.880	5.070	11.00	-5.93



2TX Antenna 6 + Antenna 5 CDD MODE

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	84.20	75.946	-3.24	-0.48
High	5610	83.80	76.039	-3.24	-0.48
138	5690	84.20	76.080	-3.24	-0.48

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5610	24.00	24.00	30.00	24.00	11.00	11.00	11.00
138	5690	24.00	24.00	30.00	24.00	11.00	11.00	11.00

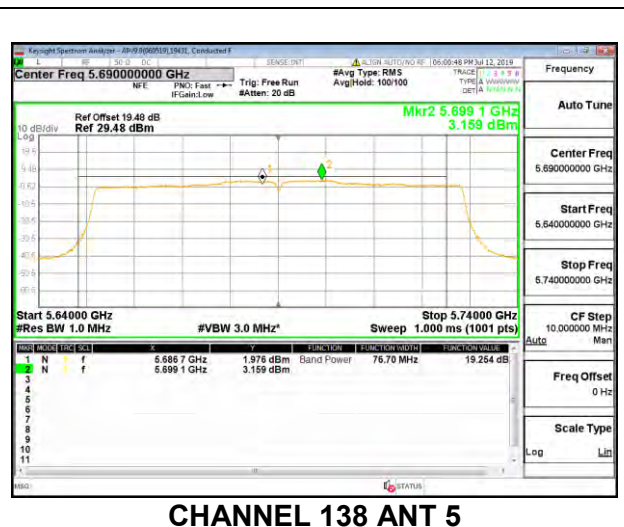
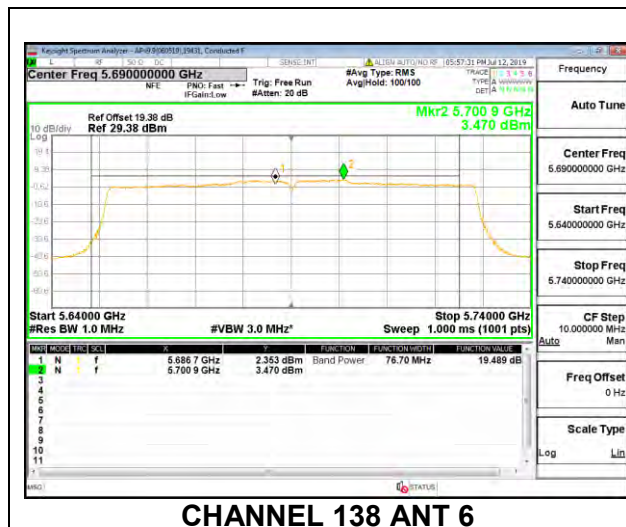
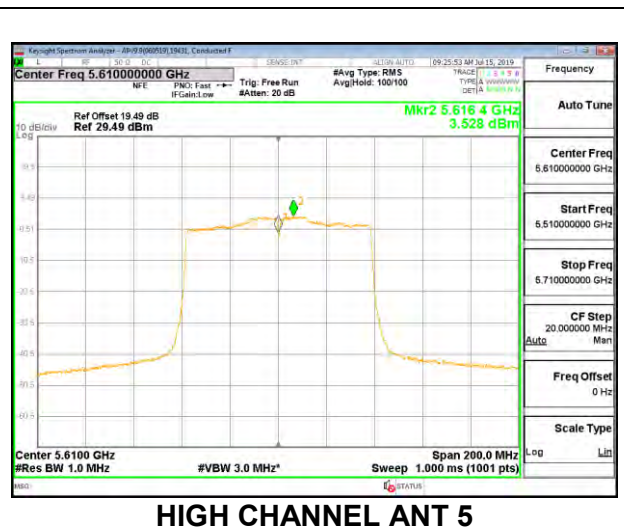
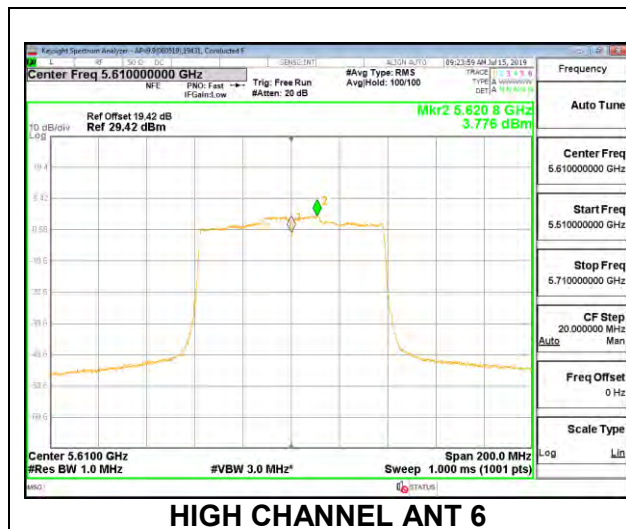
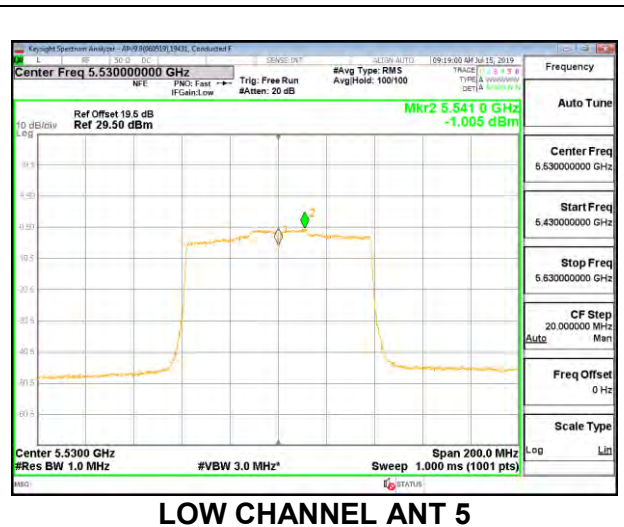
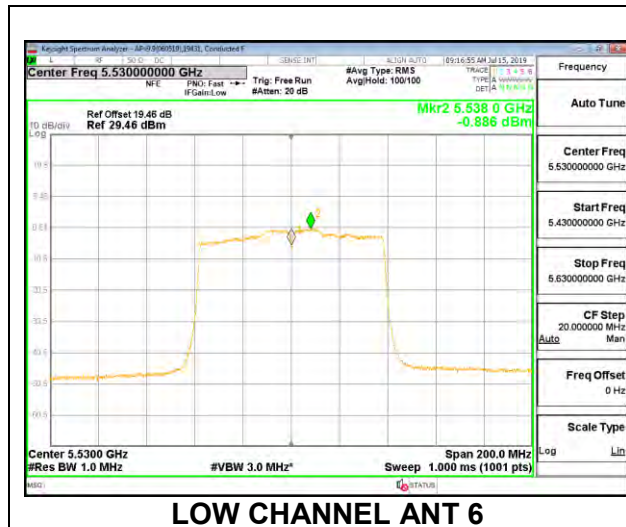
Duty Cycle CF (dB)	0.19	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	ANT 6 Meas Power (dBm)	ANT 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	15.24	15.20	18.23	24.00	-5.77
High	5610	19.77	19.72	22.76	24.00	-1.24
138	5690	19.80	19.79	22.81	24.00	-1.19

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	5530	-0.886	-1.005	2.255	11.00	-8.74
High	5610	3.776	3.528	6.854	11.00	-4.15
138	5690	3.470	3.159	6.518	11.00	-4.48



8.5.16. 802.11ax HE20 MODE IN THE 5.6 GHz BAND

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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5500	21.60	18.976	-1.6
Mid	5580	21.45	19.086	-1.6
High	5700	21.40	18.971	-1.6
144	5720	15.80	14.386	-1.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5500	24.00	23.78	29.78	23.78	11.00	11.00	11.00
Mid	5580	24.00	23.81	29.81	23.81	11.00	11.00	11.00
High	5700	24.00	23.78	29.78	23.78	11.00	11.00	11.00
144	5720	22.99	22.58	28.58	22.58	11.00	11.00	11.00

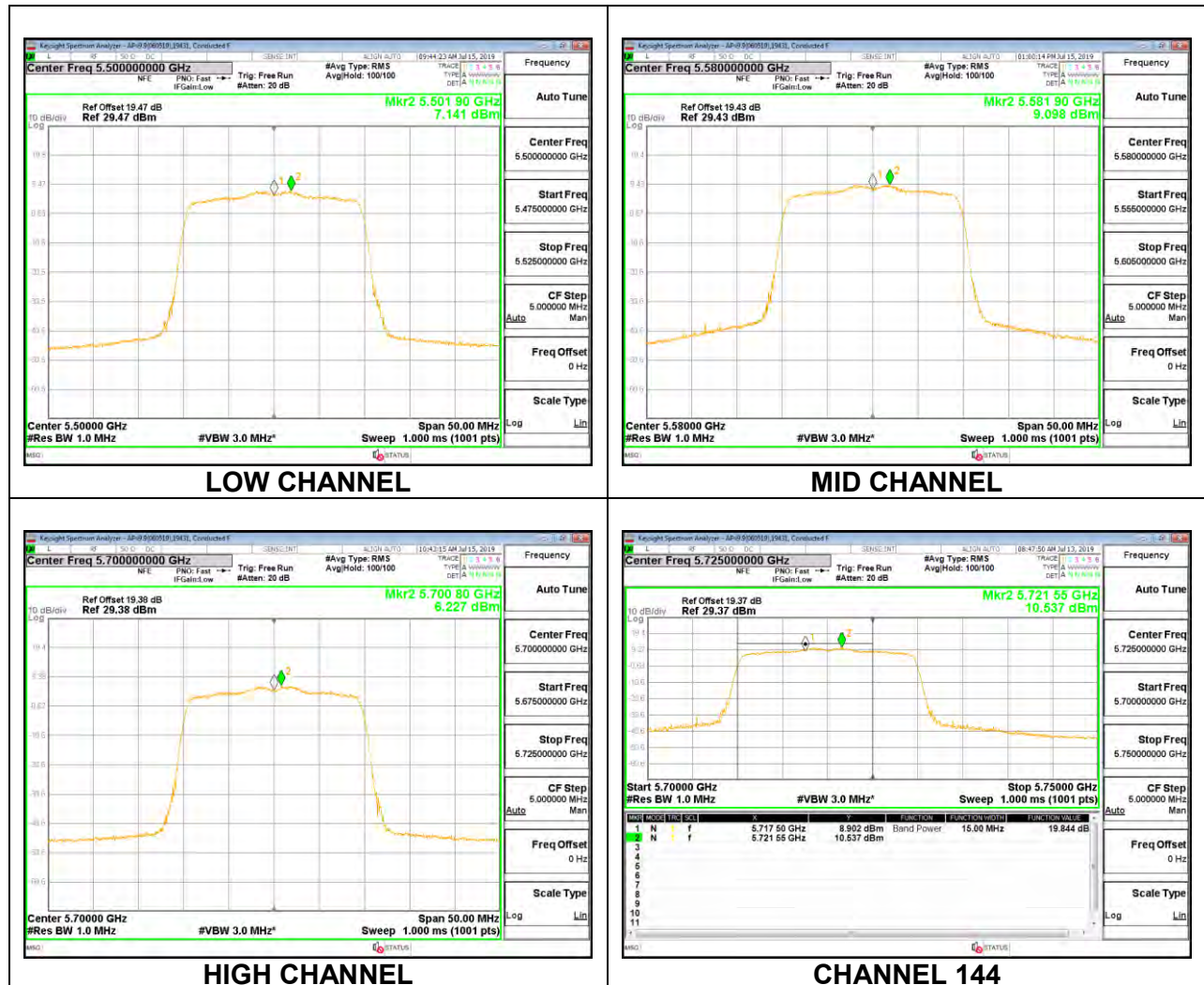
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.68	17.68	23.78	-6.10
Mid	5580	19.73	19.73	23.81	-4.08
High	5700	16.22	16.22	23.78	-7.56
144	5720	20.78	20.78	22.58	-1.80

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	7.141	7.141	11.00	-3.86
Mid	5580	9.098	9.098	11.00	-1.90
High	5700	6.227	6.227	11.00	-4.77
144	5720	10.537	10.537	11.00	-0.46



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5500	20.35	18.511	-1.6
Mid	5580	20.00	18.500	-1.6
High	5700	20.50	18.497	-1.6
144	5720	15.28	14.332	-1.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5500	24.00	23.67	29.67	23.67	11.00	11.00	11.00
Mid	5580	24.00	23.67	29.67	23.67	11.00	11.00	11.00
High	5700	24.00	23.67	29.67	23.67	11.00	11.00	11.00
144	5720	22.84	22.56	28.56	22.56	11.00	11.00	11.00

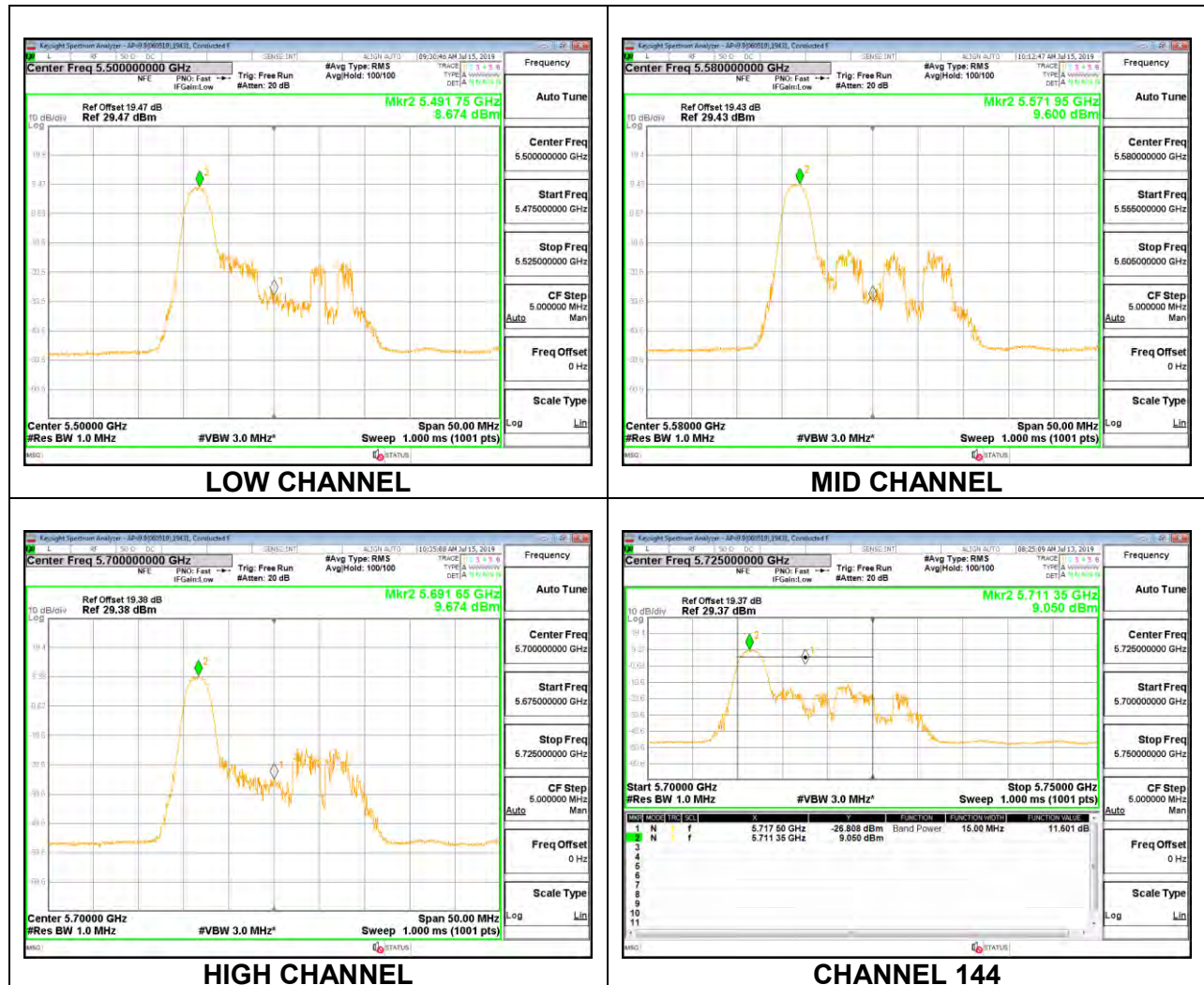
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.63	11.63	23.67	-12.04
Mid	5580	11.73	11.73	23.67	-11.94
High	5700	11.75	11.75	23.67	-11.92
144	5720	11.61	11.61	22.56	-10.95

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	8.674	8.674	11.00	-2.33
Mid	5580	9.600	9.600	11.00	-1.40
High	5700	9.674	9.674	11.00	-1.33
144	5720	9.050	9.050	11.00	-1.95



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5500	19.15	17.091	-1.6
Mid	5580	19.00	17.144	-1.6
High	5700	19.35	17.177	-1.6
144	5720	15.95	14.755	-1.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5500	23.82	23.33	29.33	23.33	11.00	11.00	11.00
Mid	5580	23.79	23.34	29.34	23.34	11.00	11.00	11.00
High	5700	23.87	23.35	29.35	23.35	11.00	11.00	11.00
144	5720	23.03	22.69	28.69	22.69	11.00	11.00	11.00

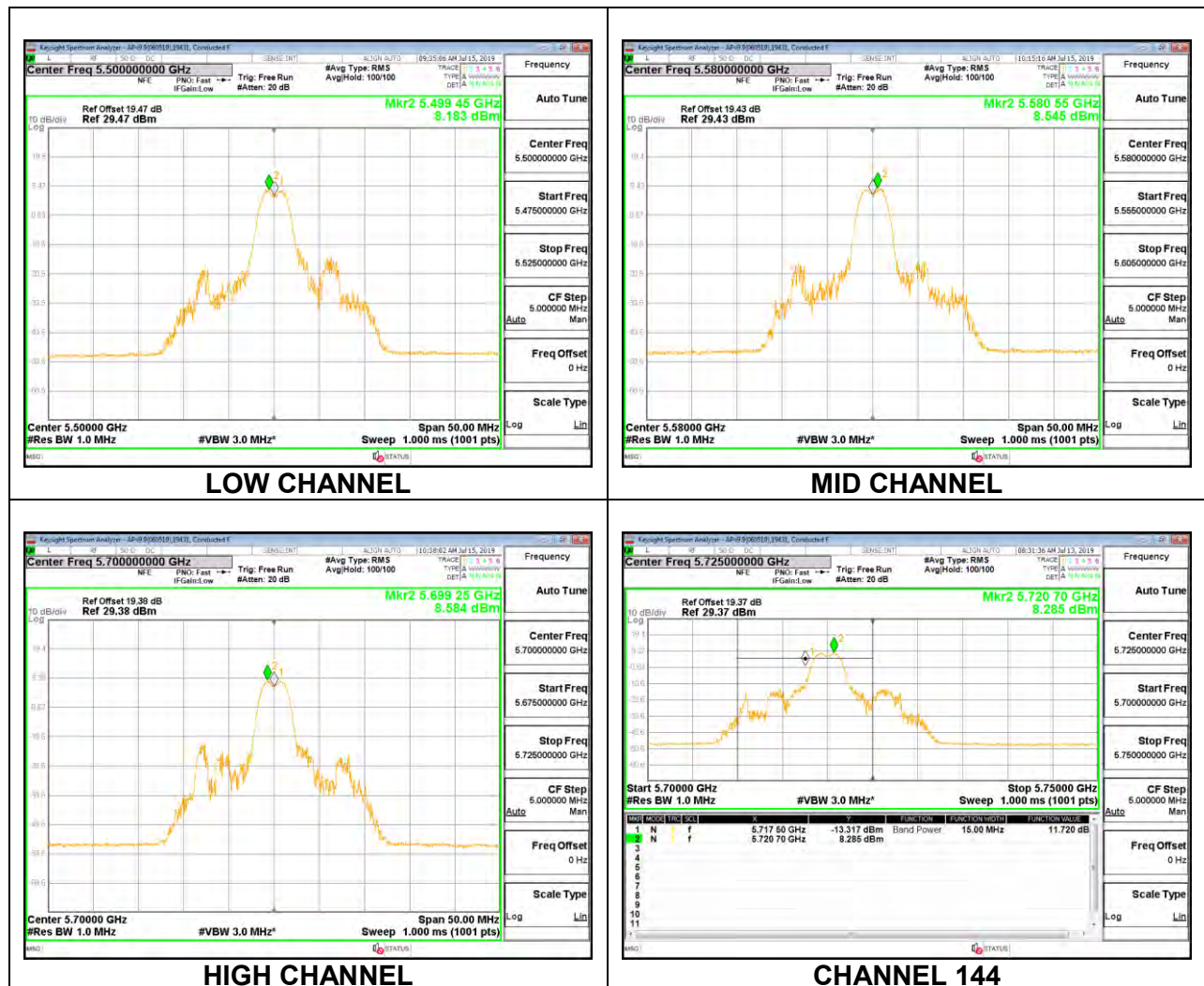
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.55	11.55	23.33	-11.78
Mid	5580	11.62	11.62	23.34	-11.72
High	5700	11.64	11.64	23.35	-11.71
144	5720	11.74	11.74	22.69	-10.95

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	8.183	8.183	11.00	-2.82
Mid	5580	8.545	8.545	11.00	-2.46
High	5700	8.584	8.584	11.00	-2.42
144	5720	8.285	8.285	11.00	-2.72



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5500	20.65	18.606	-1.6
Mid	5580	20.70	18.596	-1.6
High	5700	21.20	18.579	-1.6
144	5720	14.43	14.386	-1.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5500	24.00	23.70	29.70	23.70	11.00	11.00	11.00
Mid	5580	24.00	23.69	29.69	23.69	11.00	11.00	11.00
High	5700	24.00	23.69	29.69	23.69	11.00	11.00	11.00
144	5720	22.59	22.58	28.58	22.58	11.00	11.00	11.00

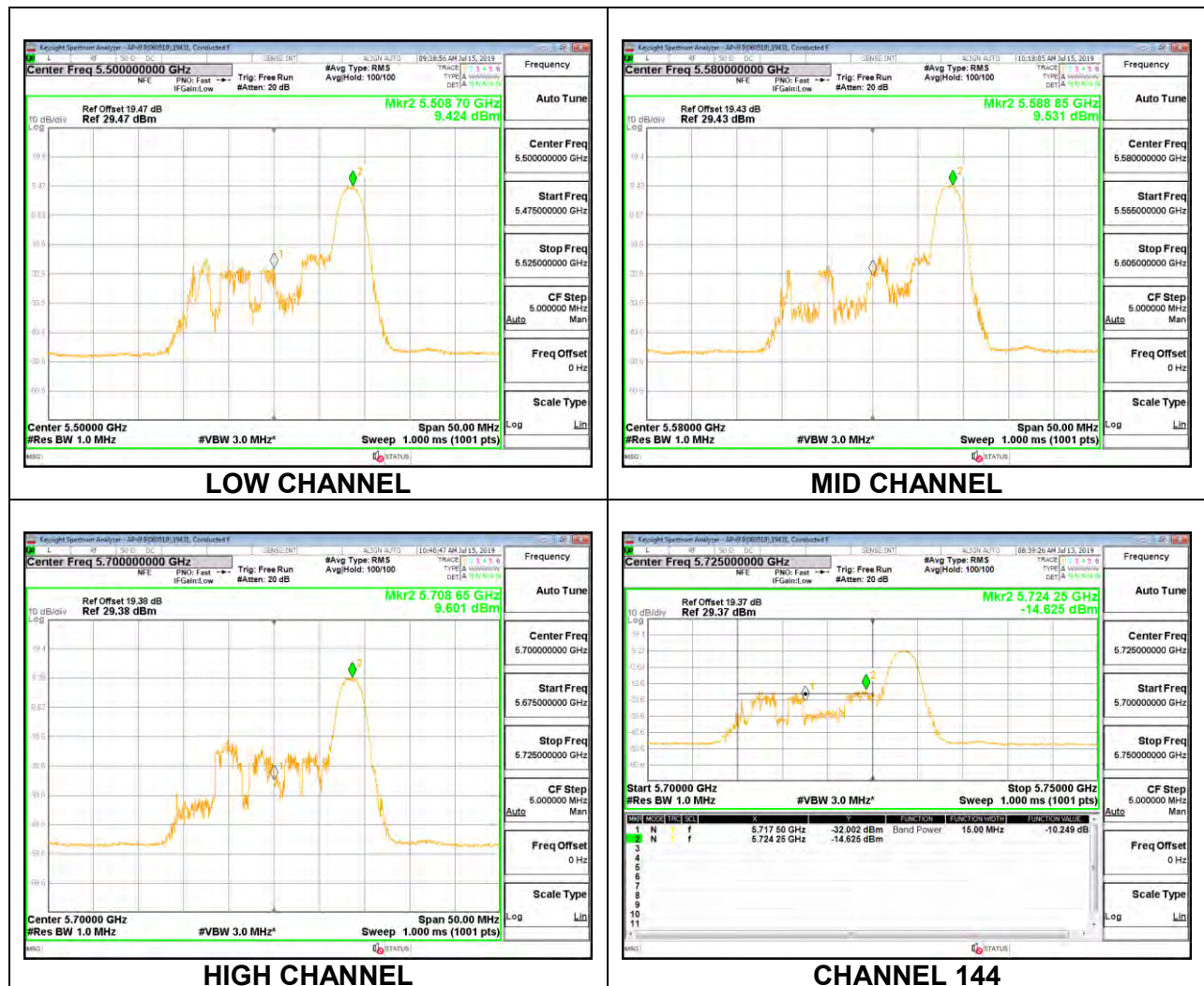
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.69	11.69	23.70	-12.01
Mid	5580	11.70	11.70	23.69	-11.99
High	5700	11.73	11.73	23.69	-11.96
144	5720	11.91	11.91	22.58	-10.67

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	9.424	9.424	11.00	-1.58
Mid	5580	9.531	9.531	11.00	-1.47
High	5700	9.601	9.601	11.00	-1.40
144	5720	-14.625	-14.625	11.00	-25.63



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5500	21.70	18.973	-5.9
Mid	5580	21.85	19.009	-5.9
High	5700	21.65	18.919	-5.9
144	5720	15.95	14.476	-5.9

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5500	24.00	23.78	29.78	23.78	11.00	11.00	11.00
Mid	5580	24.00	23.79	29.79	23.79	11.00	11.00	11.00
High	5700	24.00	23.77	29.77	23.77	11.00	11.00	11.00
144	5720	23.03	22.61	28.61	22.61	11.00	11.00	11.00

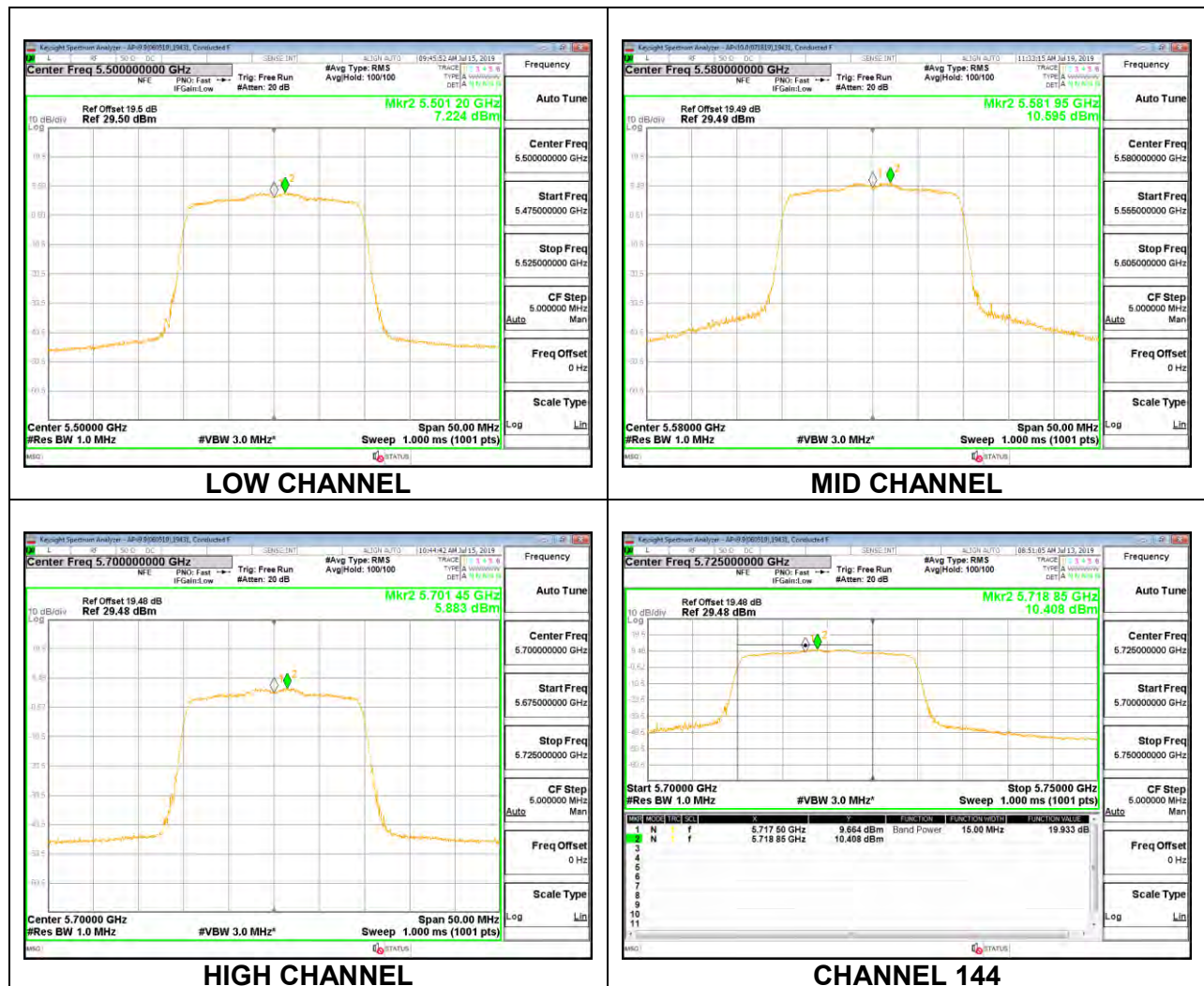
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	17.68	17.68	23.78	-6.10
Mid	5580	20.76	20.76	23.79	-3.03
High	5700	16.23	16.23	23.77	-7.54
144	5720	20.88	20.88	22.61	-1.73

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	7.224	7.224	11.00	-3.78
Mid	5580	10.595	10.595	11.00	-0.40
High	5700	5.883	5.883	11.00	-5.12
144	5720	10.408	10.408	11.00	-0.59



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5500	19.90	18.514	-5.9
Mid	5580	20.00	18.502	-5.9
High	5700	19.75	18.325	-5.9
144	5720	15.18	14.593	-5.9

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5500	23.99	23.68	29.68	23.68	11.00	11.00	11.00
Mid	5580	24.00	23.67	29.67	23.67	11.00	11.00	11.00
High	5700	23.96	23.63	29.63	23.63	11.00	11.00	11.00
144	5720	22.81	22.64	28.64	22.64	11.00	11.00	11.00

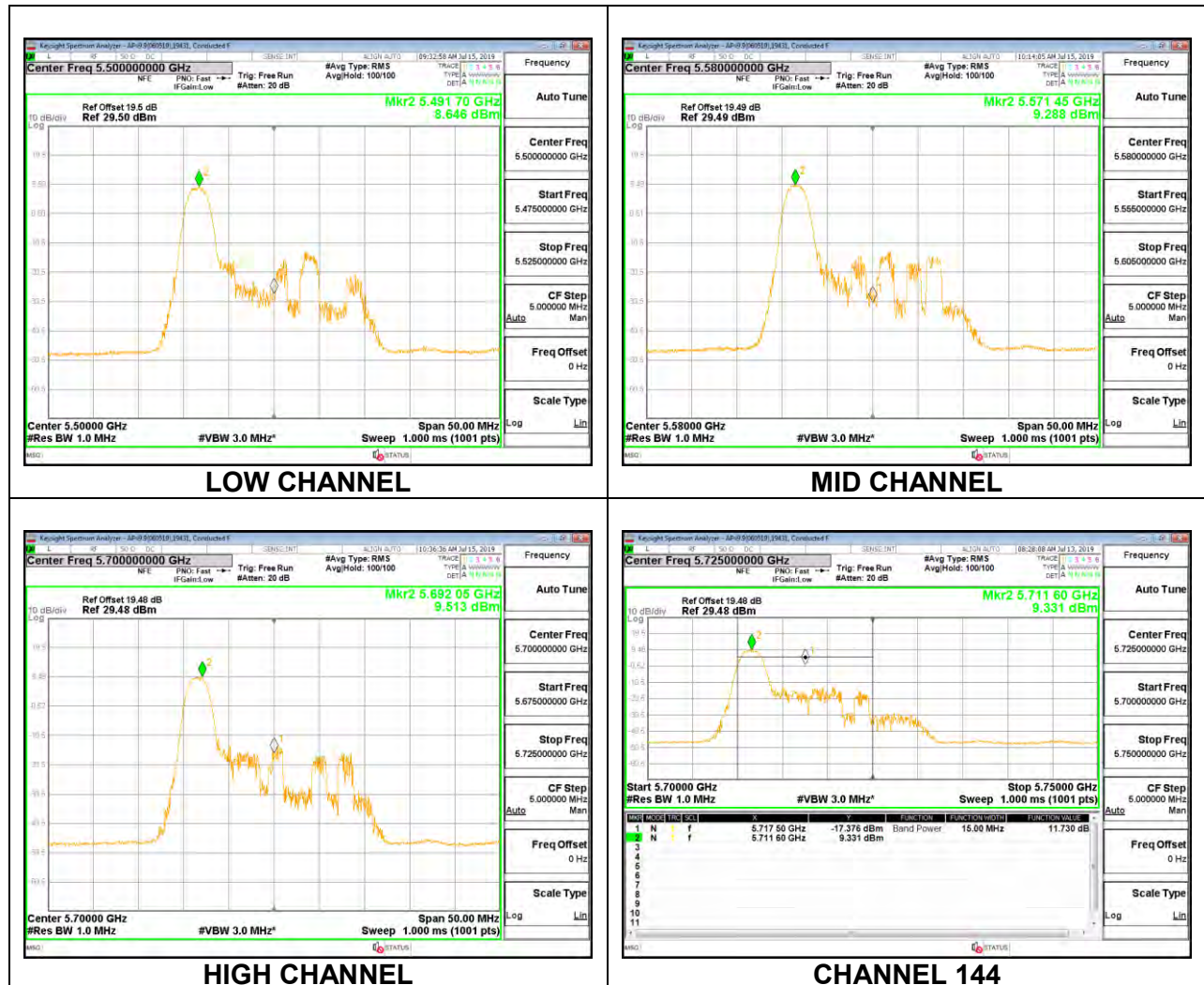
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.66	11.66	23.68	-12.02
Mid	5580	11.70	11.70	23.67	-11.97
High	5700	11.75	11.75	23.63	-11.88
144	5720	11.73	11.73	22.64	-10.91

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	8.646	8.646	11.00	-2.35
Mid	5580	9.288	9.288	11.00	-1.71
High	5700	9.513	9.513	11.00	-1.49
144	5720	9.331	9.331	11.00	-1.67



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5500	18.95	17.169	-5.9
Mid	5580	19.25	17.145	-5.9
High	5700	18.90	17.183	-5.9
144	5720	14.88	14.012	-5.9

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5500	23.78	23.35	29.35	23.35	11.00	11.00	11.00
Mid	5580	23.84	23.34	29.34	23.34	11.00	11.00	11.00
High	5700	23.76	23.35	29.35	23.35	11.00	11.00	11.00
144	5720	22.72	22.47	28.47	22.47	11.00	11.00	11.00

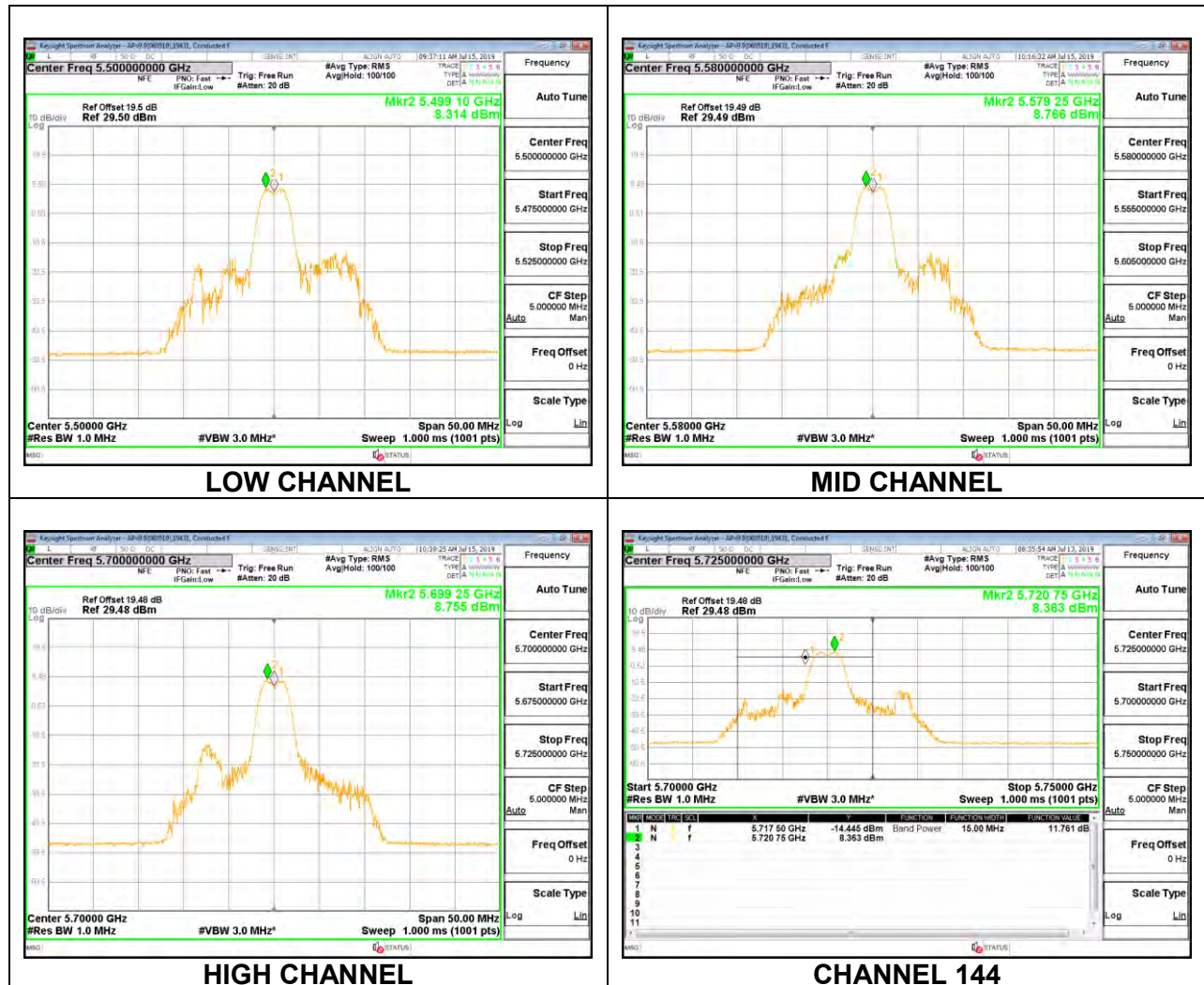
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.58	11.58	23.35	-11.77
Mid	5580	11.63	11.63	23.34	-11.71
High	5700	11.62	11.62	23.35	-11.73
144	5720	11.77	11.77	22.47	-10.70

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	8.314	8.314	11.00	-2.69
Mid	5580	8.766	8.766	11.00	-2.23
High	5700	8.755	8.755	11.00	-2.25
144	5720	8.363	8.363	11.00	-2.64



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5500	20.80	18.561	-5.9
Mid	5580	20.80	18.593	-5.9
High	5700	20.85	18.610	-5.9
144	5720	15.53	14.884	-5.9

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/1MHz)	ISED PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5500	24.00	23.69	29.69	23.69	11.00	11.00	11.00
Mid	5580	24.00	23.69	29.69	23.69	11.00	11.00	11.00
High	5700	24.00	23.70	29.70	23.70	11.00	11.00	11.00
144	5720	22.91	22.73	28.73	22.73	11.00	11.00	11.00

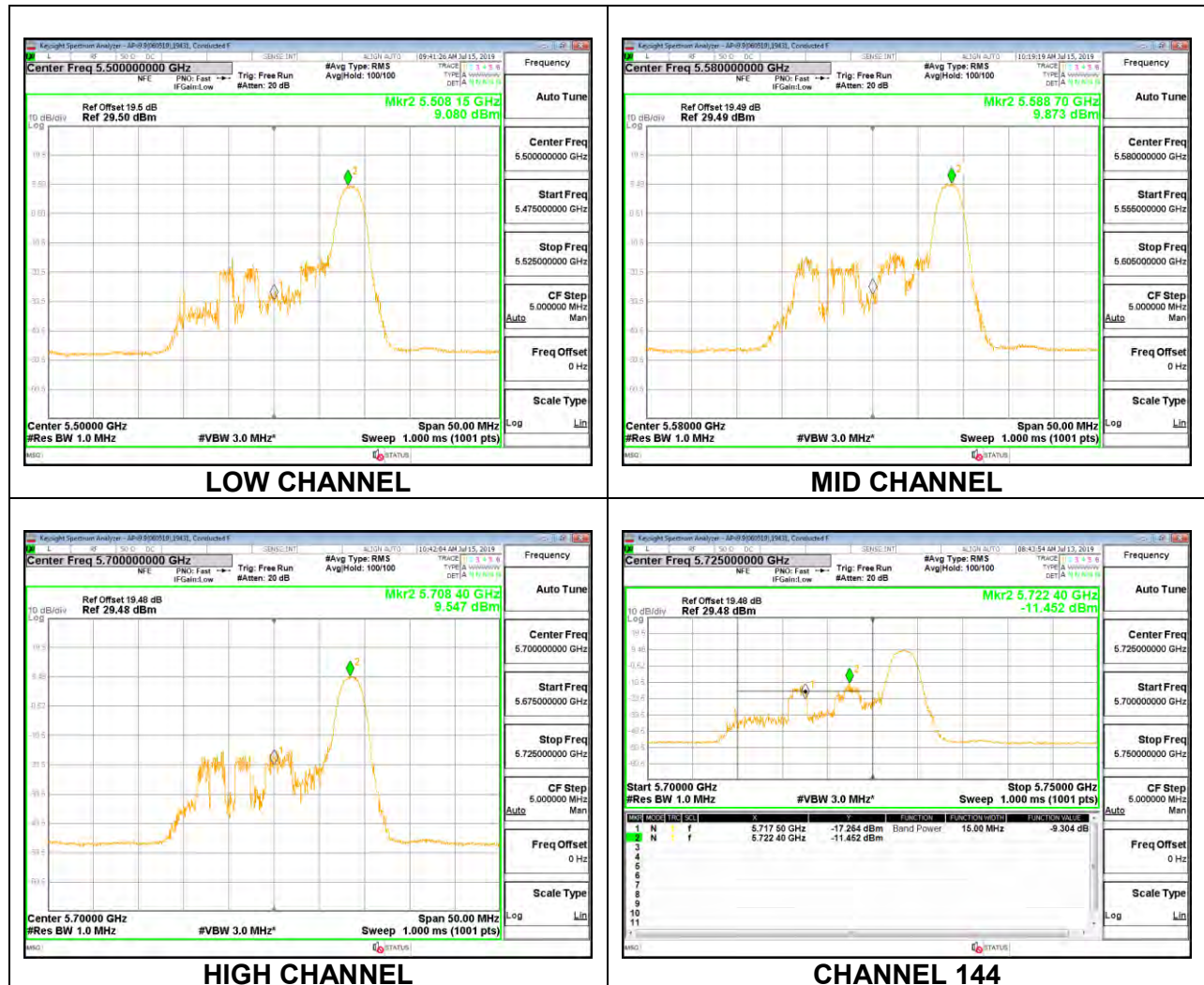
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	11.61	11.61	23.69	-12.08
Mid	5580	11.73	11.73	23.69	-11.96
High	5700	11.69	11.69	23.70	-12.01
144	5720	11.67	11.67	22.73	-11.05

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	9.080	9.080	11.00	-1.92
Mid	5580	9.873	9.873	11.00	-1.13
High	5700	9.547	9.547	11.00	-1.45
144	5720	-11.452	-11.452	11.00	-22.45



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	21.30	18.92	-3.24	-0.48
Mid	5580	21.40	18.90	-3.24	-0.48
High	5700	21.50	18.97	-3.24	-0.48
144	5720	16.10	14.51	-3.24	-0.48

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5500	24.00	23.77	29.77	23.77	11.00	11.00	11.00
Mid	5580	24.00	23.77	29.77	23.77	11.00	11.00	11.00
High	5700	24.00	23.78	29.78	23.78	11.00	11.00	11.00
144	5720	23.07	22.62	28.62	22.62	11.00	11.00	11.00

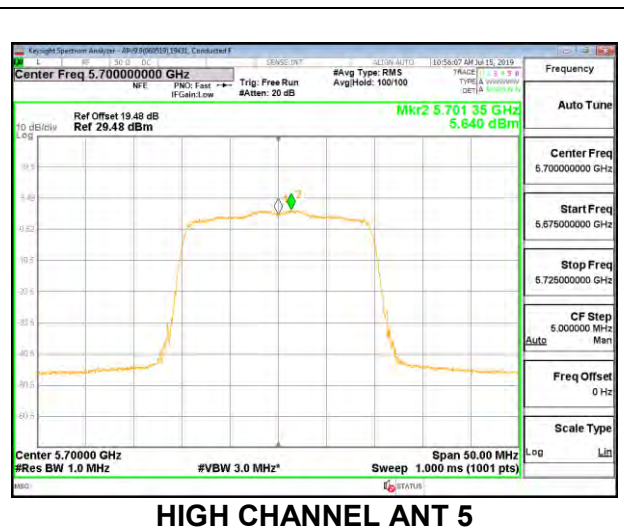
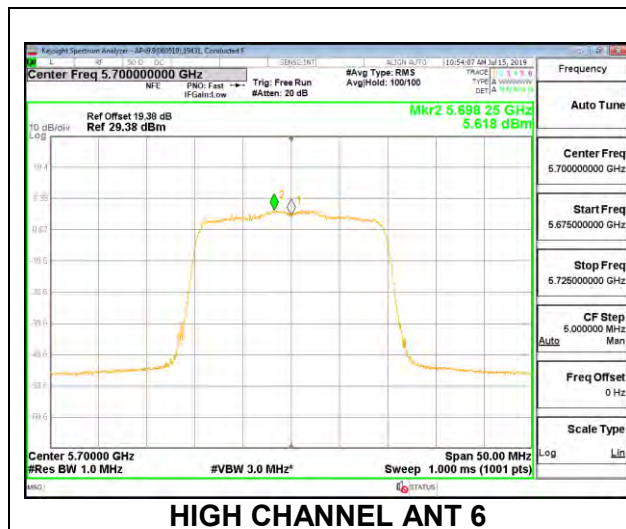
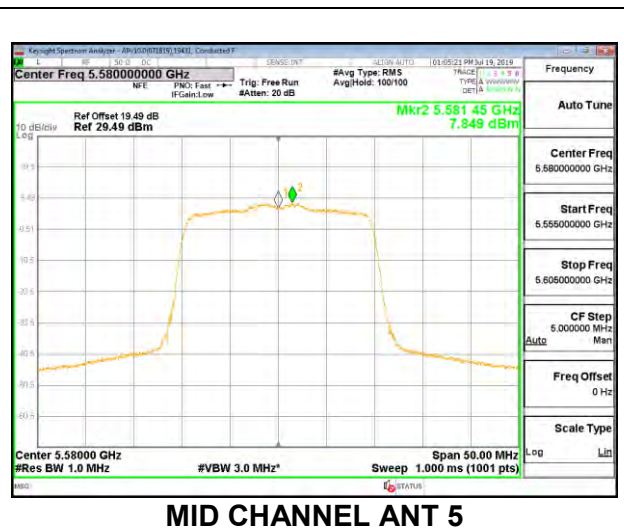
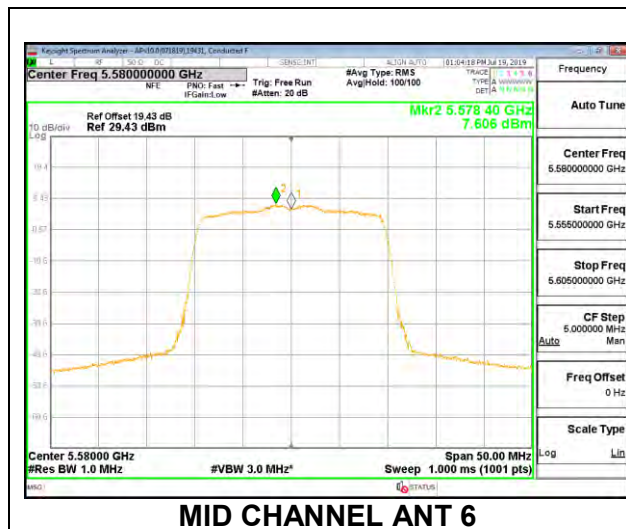
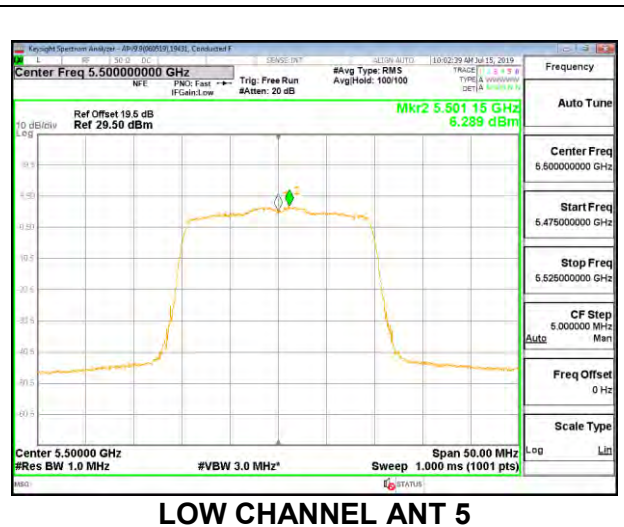
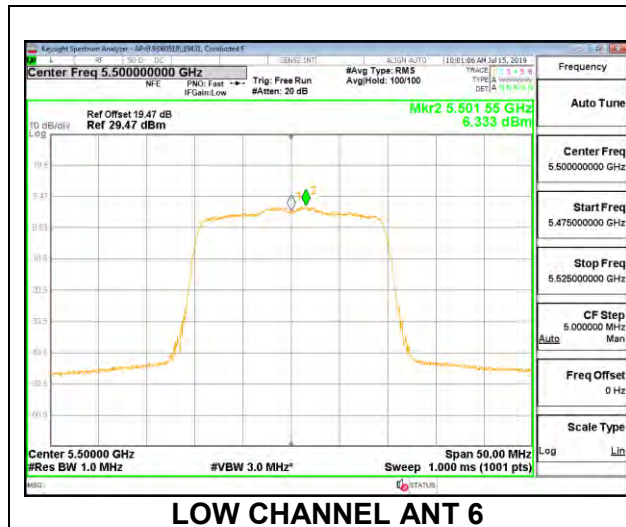
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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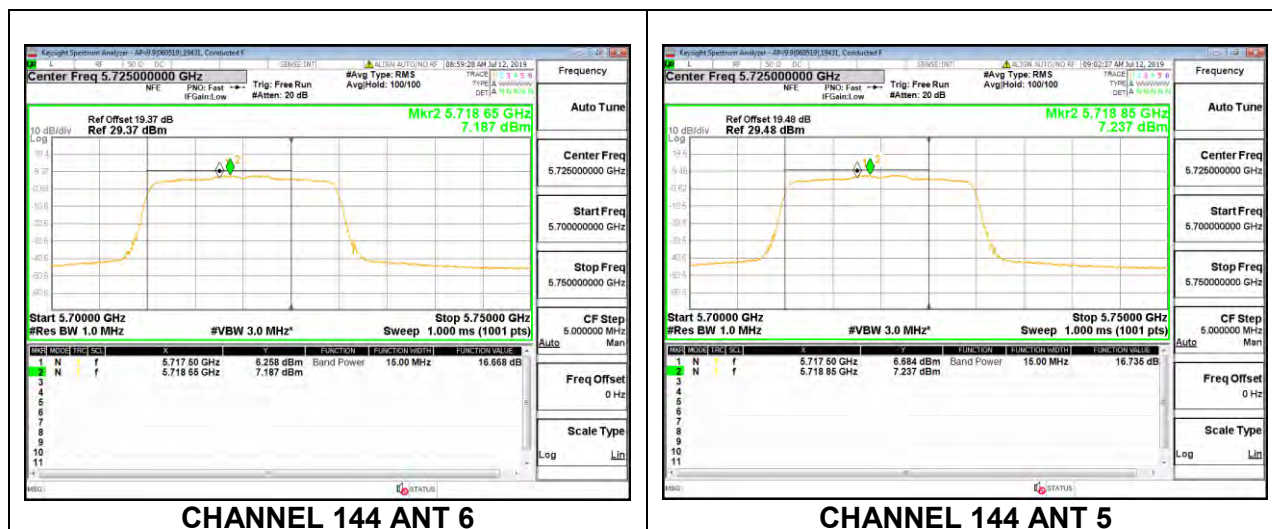
Output Power Results

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	5500	16.70	16.69	19.71	23.77	-4.06
Mid	5580	17.71	17.76	20.75	23.77	-3.02
High	5700	15.71	15.72	18.73	23.78	-5.05
144	5720	17.61	17.67	20.65	22.62	-1.96

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	5500	6.333	6.289	9.321	11.00	-1.68
Mid	5580	7.606	7.849	10.739	11.00	-0.26
High	5700	5.618	5.640	8.639	11.00	-2.36
144	5720	7.187	7.237	10.222	11.00	-0.78





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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	19.85	18.363	-3.24	-0.48
Mid	5580	19.60	18.370	-3.24	-0.48
High	5700	19.60	18.449	-3.24	-0.48
144	5720	15.10	14.391	-3.24	-0.48

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5500	23.98	23.64	29.64	23.64	11.00	11.00	11.00
Mid	5580	23.92	23.64	29.64	23.64	11.00	11.00	11.00
High	5700	23.92	23.66	29.66	23.66	11.00	11.00	11.00
144	5720	22.79	22.58	28.58	22.58	11.00	11.00	11.00

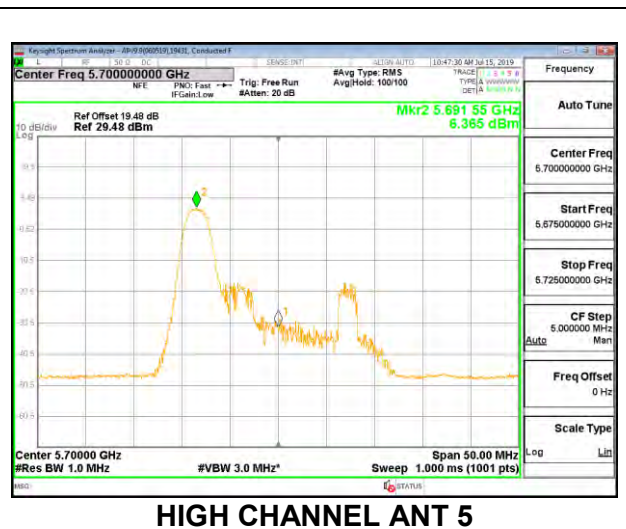
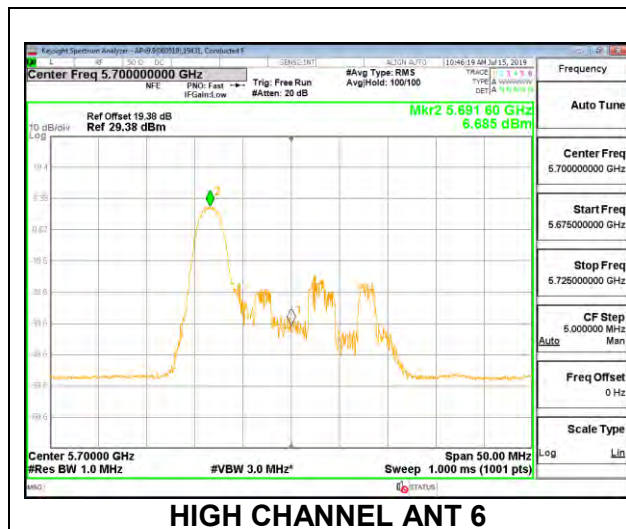
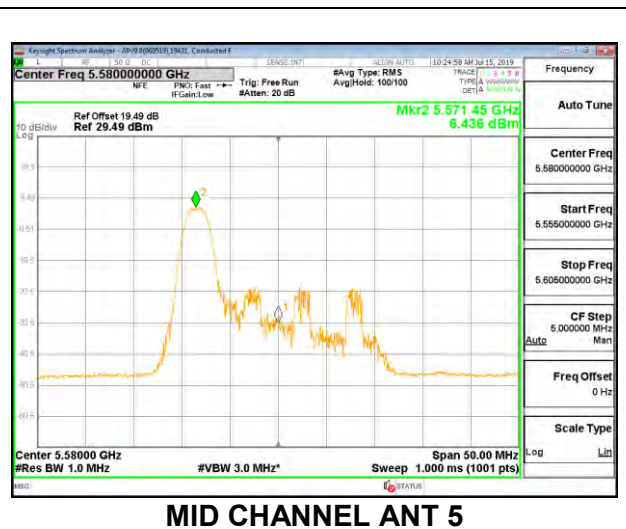
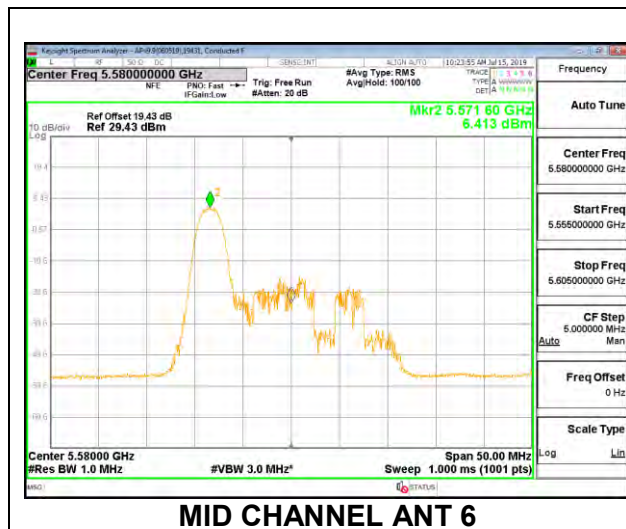
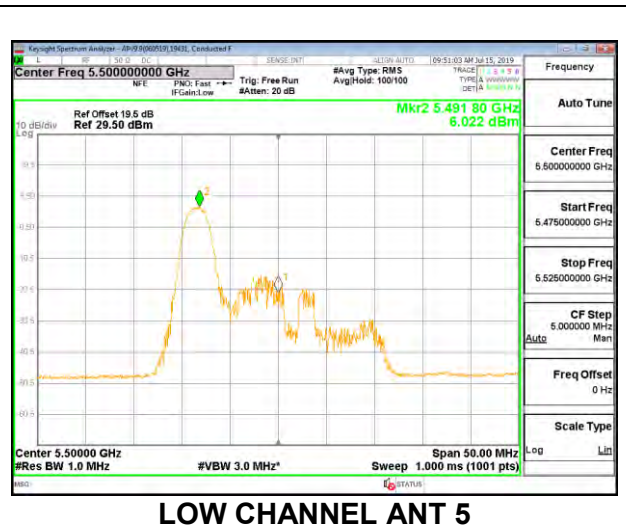
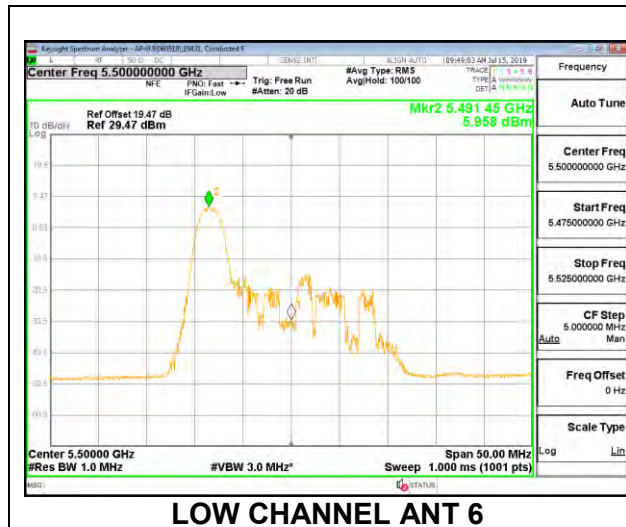
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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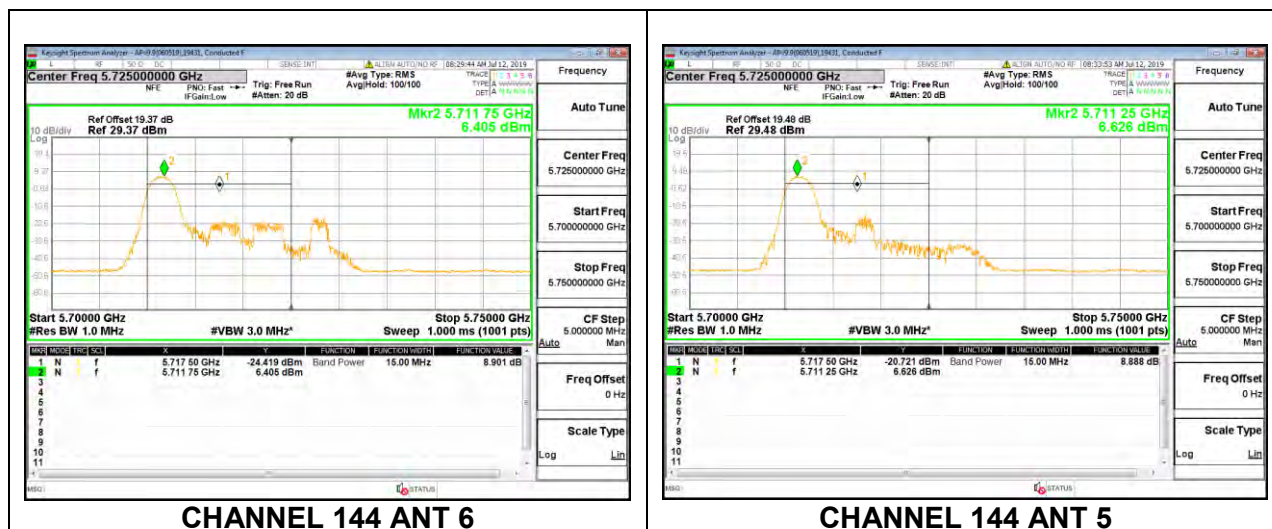
Output Power Results

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	5500	8.58	8.62	11.61	23.64	-12.03
Mid	5580	8.69	8.71	11.71	23.64	-11.93
High	5700	8.76	8.66	11.72	23.66	-11.94
144	5720	8.90	8.89	11.91	22.58	-10.68

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	5500	5.958	6.022	9.000	11.00	-2.00
Mid	5580	6.413	6.436	9.435	11.00	-1.57
High	5700	6.685	6.365	9.538	11.00	-1.46
144	5720	6.405	6.626	9.527	11.00	-1.47





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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	18.00	16.970	-3.24	-0.48
Mid	5580	18.00	16.981	-3.24	-0.48
High	5700	19.05	17.019	-3.24	-0.48
144	5720	14.20	13.643	-3.24	-0.48

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5500	23.55	23.30	29.30	23.30	11.00	11.00	11.00
Mid	5580	23.55	23.30	29.30	23.30	11.00	11.00	11.00
High	5700	23.80	23.31	29.31	23.31	11.00	11.00	11.00
144	5720	22.52	22.35	28.35	22.35	11.00	11.00	11.00

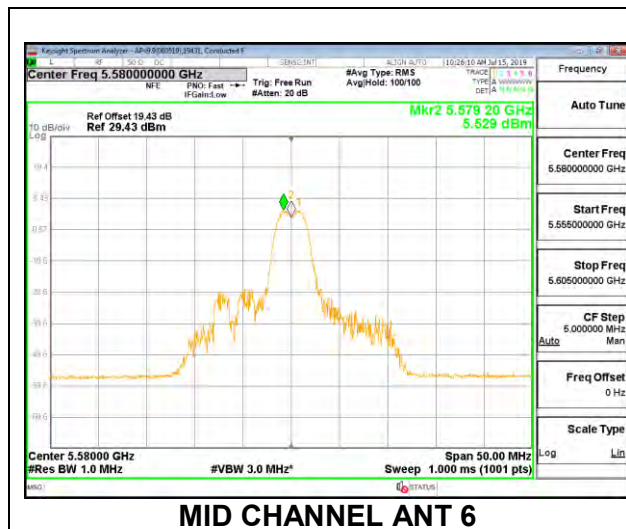
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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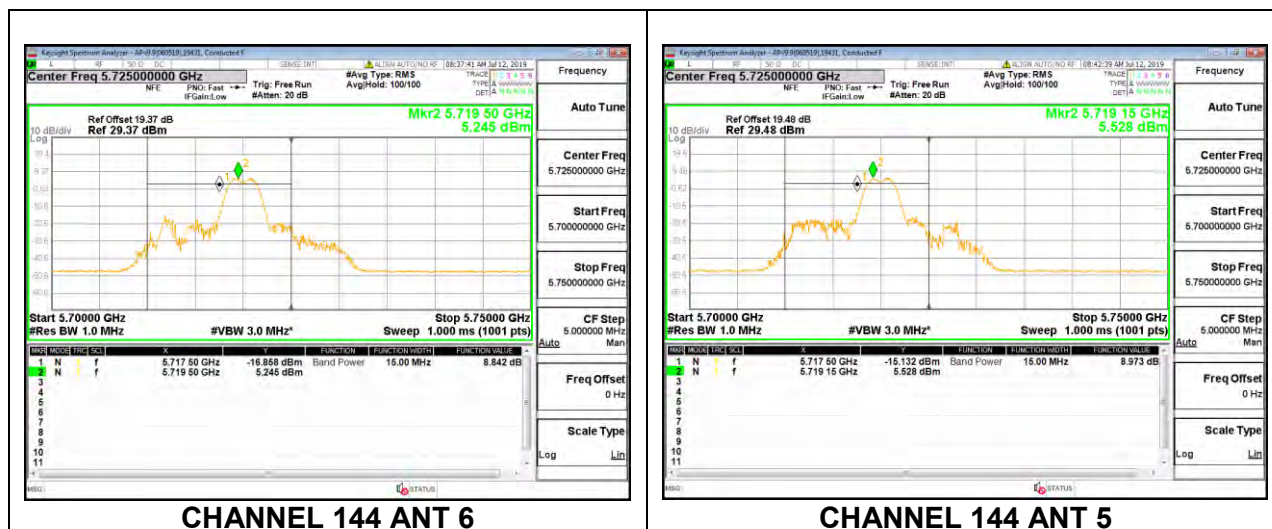
Output Power Results

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	5500	8.55	8.59	11.58	23.30	-11.72
Mid	5580	8.63	8.69	11.67	23.30	-11.63
High	5700	8.68	8.70	11.70	23.31	-11.61
144	5720	8.84	8.97	11.92	22.35	-10.43

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	5500	4.913	5.201	8.070	11.00	-2.93
Mid	5580	5.529	5.625	8.588	11.00	-2.41
High	5700	5.615	5.665	8.650	11.00	-2.35
144	5720	5.245	5.528	8.399	11.00	-2.60





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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5500	19.75	18.469	-3.24	-0.48
Mid	5580	19.95	18.500	-3.24	-0.48
High	5700	19.85	18.393	-3.24	-0.48
144	5720	15.08	14.860	-3.24	-0.48

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5500	23.96	23.66	29.66	23.66	11.00	11.00	11.00
Mid	5580	24.00	23.67	29.67	23.67	11.00	11.00	11.00
High	5700	23.98	23.65	29.65	23.65	11.00	11.00	11.00
144	5720	22.78	22.72	28.72	22.72	11.00	11.00	11.00

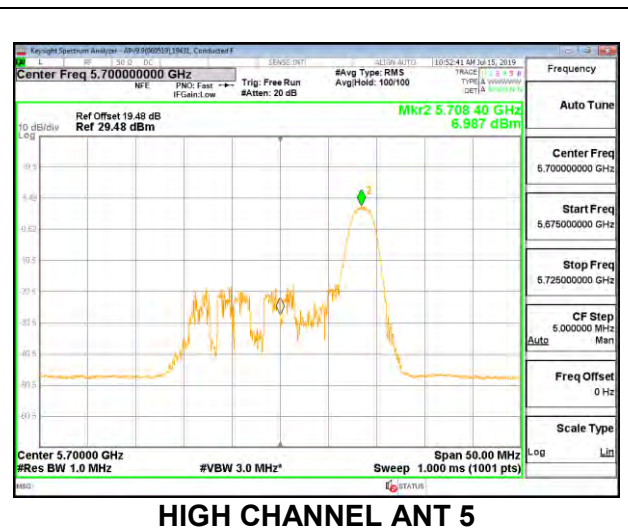
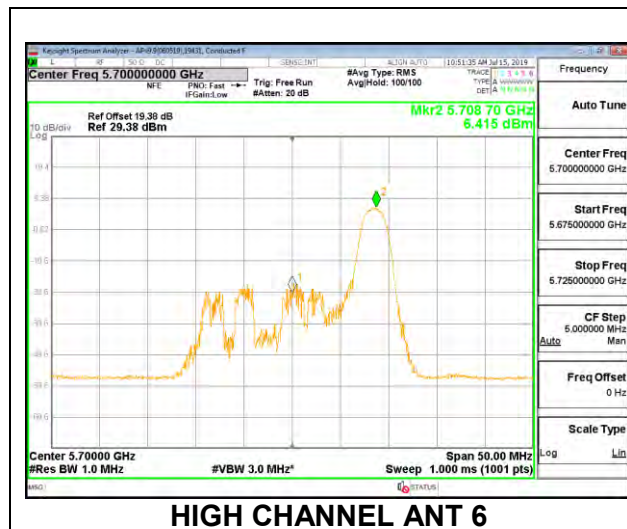
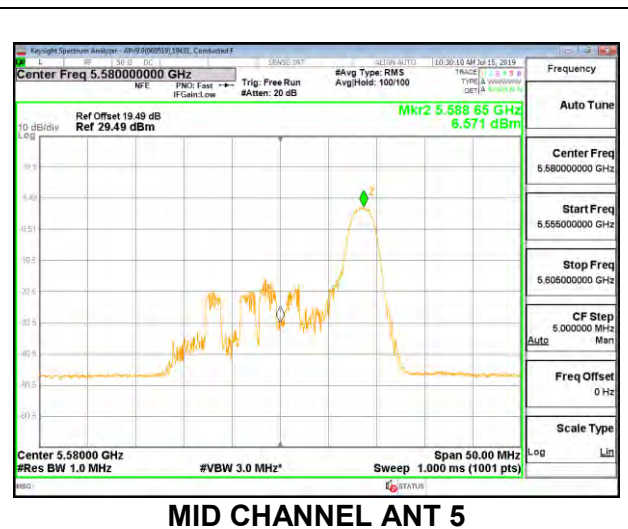
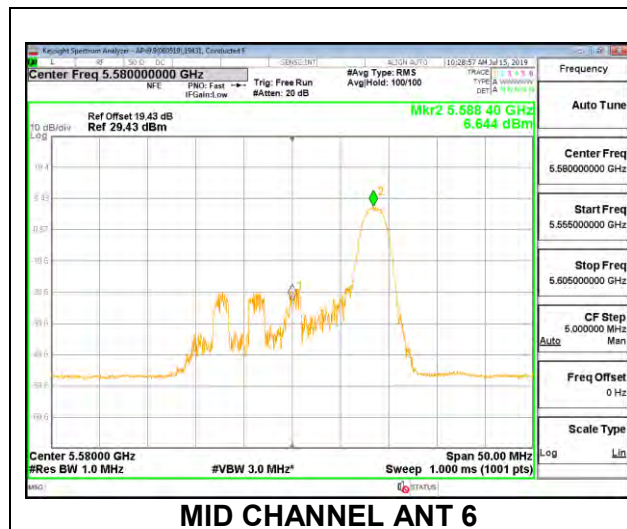
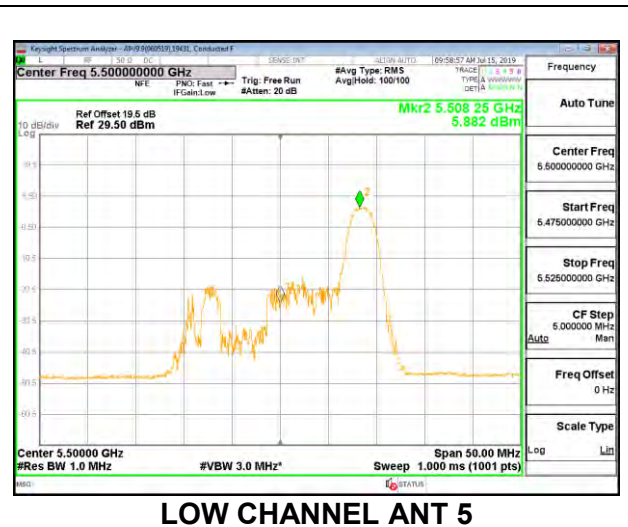
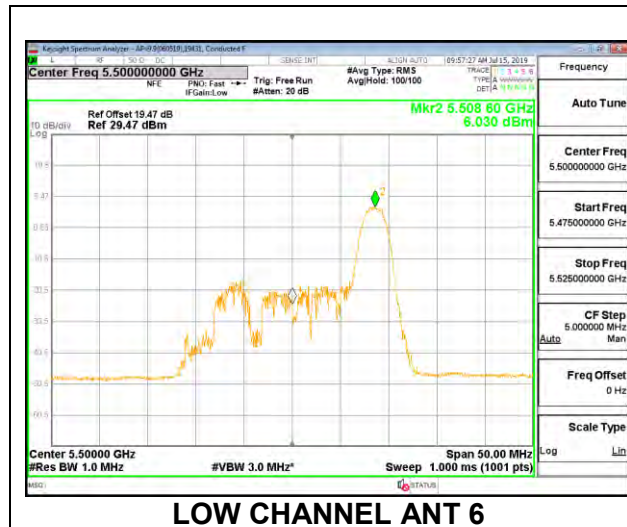
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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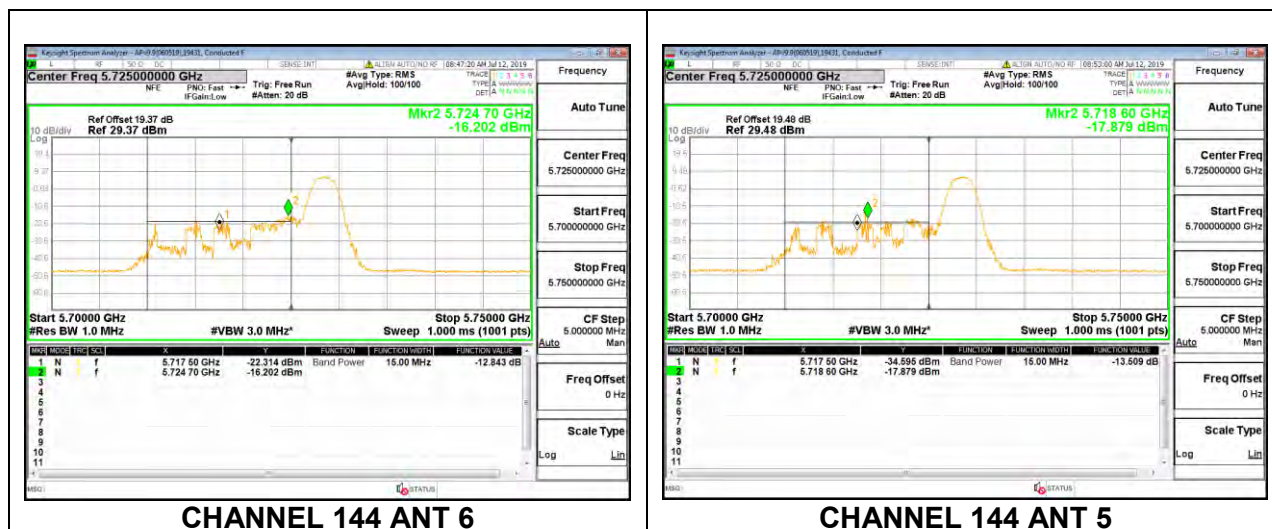
Output Power Results

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	5500	8.68	8.59	11.65	23.66	-12.02
Mid	5580	8.73	8.72	11.74	23.67	-11.94
High	5700	8.70	8.76	11.74	23.65	-11.91
144	5720	8.80	8.67	11.75	22.72	-10.97

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	5500	6.030	5.882	8.967	11.00	-2.03
Mid	5580	6.644	6.571	9.618	11.00	-1.38
High	5700	6.415	6.987	9.721	11.00	-1.28
144	5720	-16.202	-17.879	-13.950	11.00	-24.95





8.5.17. 802.11ax HE40 MODE IN THE 5.6 GHz BAND

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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	41.70	37.622	-1.60
Mid	5550	41.60	37.662	-1.60
High	5670	41.30	37.676	-1.60
142	5710	42.40	37.888	-1.60

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	24.00	30.00	24.00	11.00	11.00	11.00
Mid	5550	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5670	24.00	24.00	30.00	24.00	11.00	11.00	11.00
142	5710	24.00	24.00	30.00	24.00	11.00	11.00	11.00

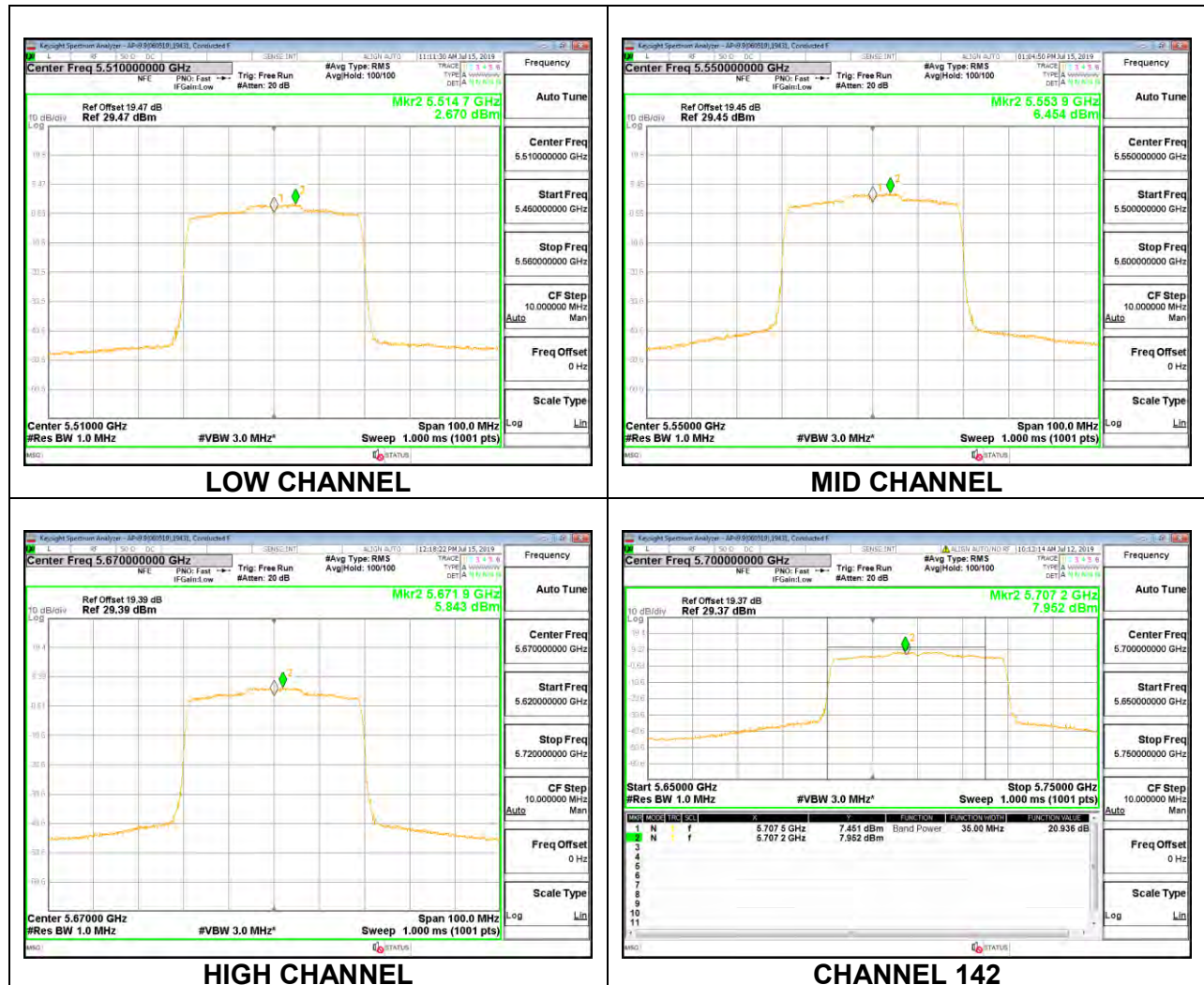
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.71	15.71	24.00	-8.29
Mid	5550	19.22	19.22	24.00	-4.78
High	5670	18.68	18.68	24.00	-5.32
142	5710	21.25	21.25	24.00	-2.75

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	2.670	2.67	11.00	-8.33
Mid	5550	6.454	6.45	11.00	-4.55
High	5670	5.843	5.84	11.00	-5.16
142	5710	7.952	7.95	11.00	-3.05



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	20.50	18.523	-1.6
Mid	5550	20.30	18.503	-1.6
High	5670	20.00	18.503	-1.6
142	5710	20.60	18.488	-1.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	23.68	29.68	23.68	11.00	11.00	11.00
Mid	5550	24.00	23.67	29.67	23.67	11.00	11.00	11.00
High	5670	24.00	23.67	29.67	23.67	11.00	11.00	11.00
142	5710	24.00	23.67	29.67	23.67	11.00	11.00	11.00

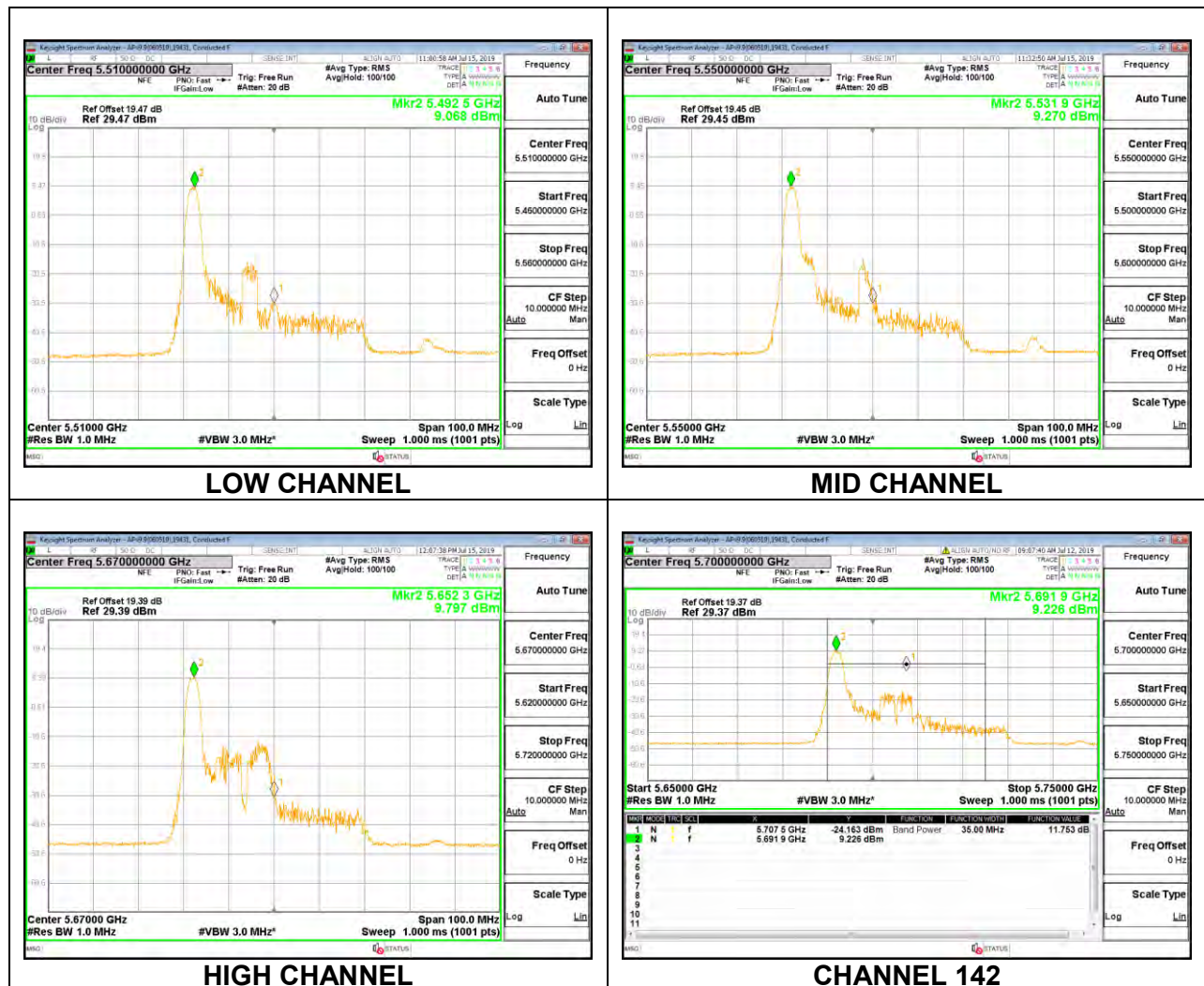
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	11.61	11.61	23.68	-12.07
Mid	5550	11.68	11.68	23.67	-11.99
High	5670	11.73	11.73	23.67	-11.94
142	5710	11.89	11.89	23.67	-11.78

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	9.068	9.07	11.00	-1.93
Mid	5550	9.270	9.27	11.00	-1.73
High	5670	9.797	9.80	11.00	-1.20
142	5710	9.226	9.23	11.00	-1.77



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	22.40	21.207	-1.6
Mid	5550	23.40	21.342	-1.6
High	5670	21.20	21.184	-1.6
142	5710	22.70	21.070	-1.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	24.00	30.00	24.00	11.00	11.00	11.00
Mid	5550	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5670	24.00	24.00	30.00	24.00	11.00	11.00	11.00
142	5710	24.00	24.00	30.00	24.00	11.00	11.00	11.00

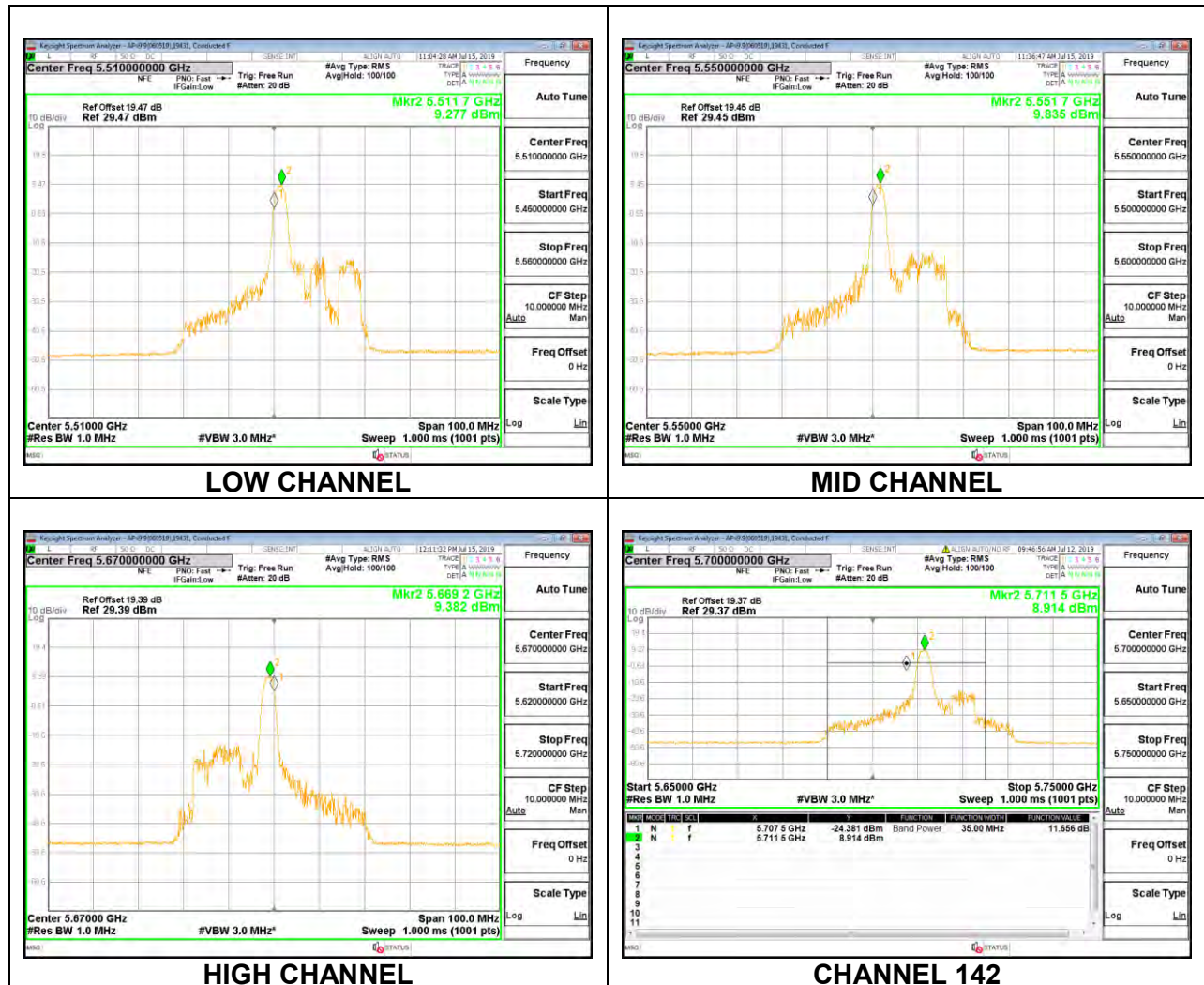
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	11.65	11.65	24.00	-12.35
Mid	5550	11.73	11.73	24.00	-12.27
High	5670	11.67	11.67	24.00	-12.33
142	5710	11.75	11.75	24.00	-12.25

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	9.277	9.28	11.00	-1.72
Mid	5550	9.835	9.84	11.00	-1.17
High	5670	9.382	9.38	11.00	-1.62
142	5710	8.914	8.91	11.00	-2.09



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	20.30	18.675	-1.6
Mid	5550	20.30	18.566	-1.6
High	5670	20.00	18.535	-1.6
142	5710	20.20	18.582	-1.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	23.71	29.71	23.71	11.00	11.00	11.00
Mid	5550	24.00	23.69	29.69	23.69	11.00	11.00	11.00
High	5670	24.00	23.68	29.68	23.68	11.00	11.00	11.00
142	5710	24.00	23.69	29.69	23.69	11.00	11.00	11.00

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	5510	11.62	11.62	23.71	-12.09
Mid	5550	11.70	11.70	23.69	-11.99
High	5670	11.69	11.69	23.68	-11.99
142	5710	11.84	11.84	23.69	-11.85

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	9.143	9.14	11.00	-1.86
Mid	5550	9.387	9.39	11.00	-1.61
High	5670	9.301	9.30	11.00	-1.70
142	5710	-17.148	-17.15	11.00	-28.15



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	42.00	37.567	-5.9
Mid	5550	44.10	37.753	-5.9
High	5670	43.10	38.000	-5.9
142	5710	41.90	36.757	-5.9

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	24.00	30.00	24.00	11.00	11.00	11.00
Mid	5550	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5670	24.00	24.00	30.00	24.00	11.00	11.00	11.00
142	5710	24.00	24.00	30.00	24.00	11.00	11.00	11.00

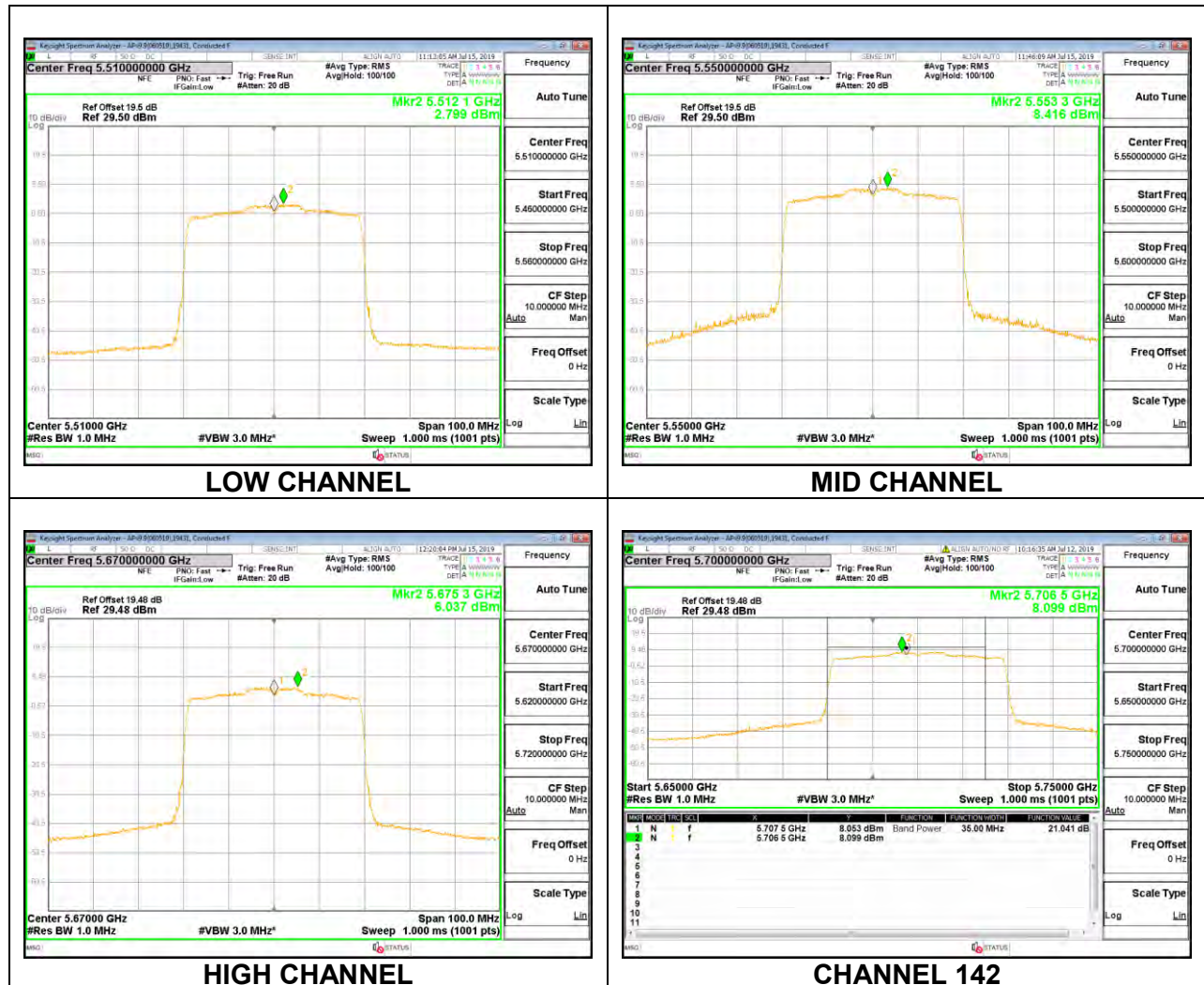
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.67	15.67	24.00	-8.33
Mid	5550	21.18	21.18	24.00	-2.82
High	5670	18.65	18.65	24.00	-5.35
142	5710	21.39	21.39	24.00	-2.61

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	2.799	2.80	11.00	-8.20
Mid	5550	8.416	8.42	11.00	-2.58
High	5670	6.037	6.04	11.00	-4.96
142	5710	8.099	8.10	11.00	-2.90



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	20.50	18.596	-5.9
Mid	5550	20.80	18.659	-5.9
High	5670	20.00	18.570	-5.9
142	5710	20.40	18.691	-5.9

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	23.69	29.69	23.69	11.00	11.00	11.00
Mid	5550	24.00	23.71	29.71	23.71	11.00	11.00	11.00
High	5670	24.00	23.69	29.69	23.69	11.00	11.00	11.00
142	5710	24.00	23.72	29.72	23.72	11.00	11.00	11.00

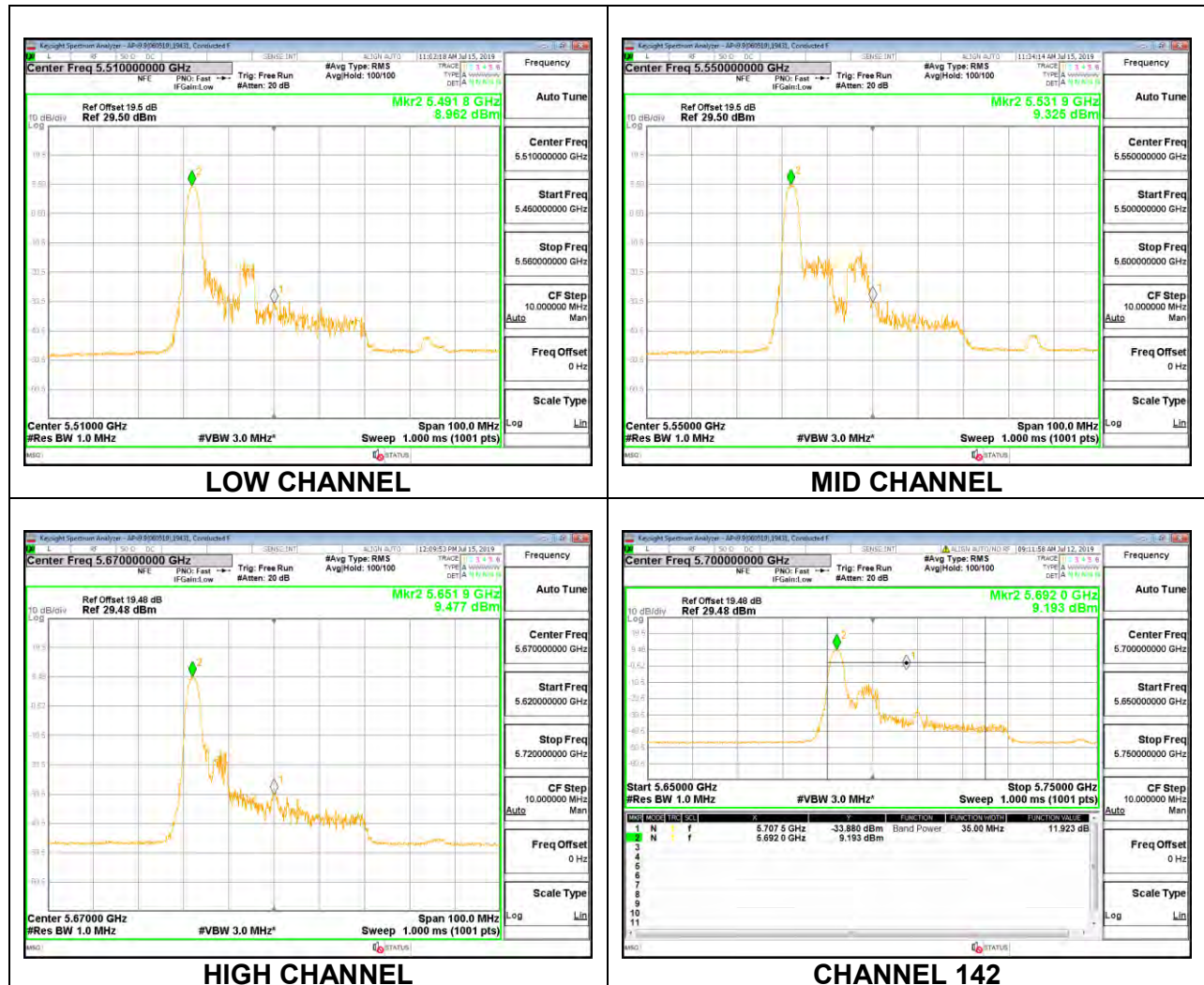
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	11.700	11.70	23.69	-11.99
Mid	5550	11.740	11.74	23.71	-11.97
High	5670	11.790	11.79	23.69	-11.90
142	5710	11.923	11.92	23.72	-11.79

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	8.962	8.96	11.00	-2.04
Mid	5550	9.325	9.33	11.00	-1.68
High	5670	9.477	9.48	11.00	-1.52
142	5710	9.193	9.19	11.00	-1.81



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	23.10	21.338	-5.9
Mid	5550	22.50	21.252	-5.9
High	5670	23.40	21.363	-5.9
142	5710	22.40	21.316	-5.9

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	24.00	30.00	24.00	11.00	11.00	11.00
Mid	5550	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5670	24.00	24.00	30.00	24.00	11.00	11.00	11.00
142	5710	24.00	24.00	30.00	24.00	11.00	11.00	11.00

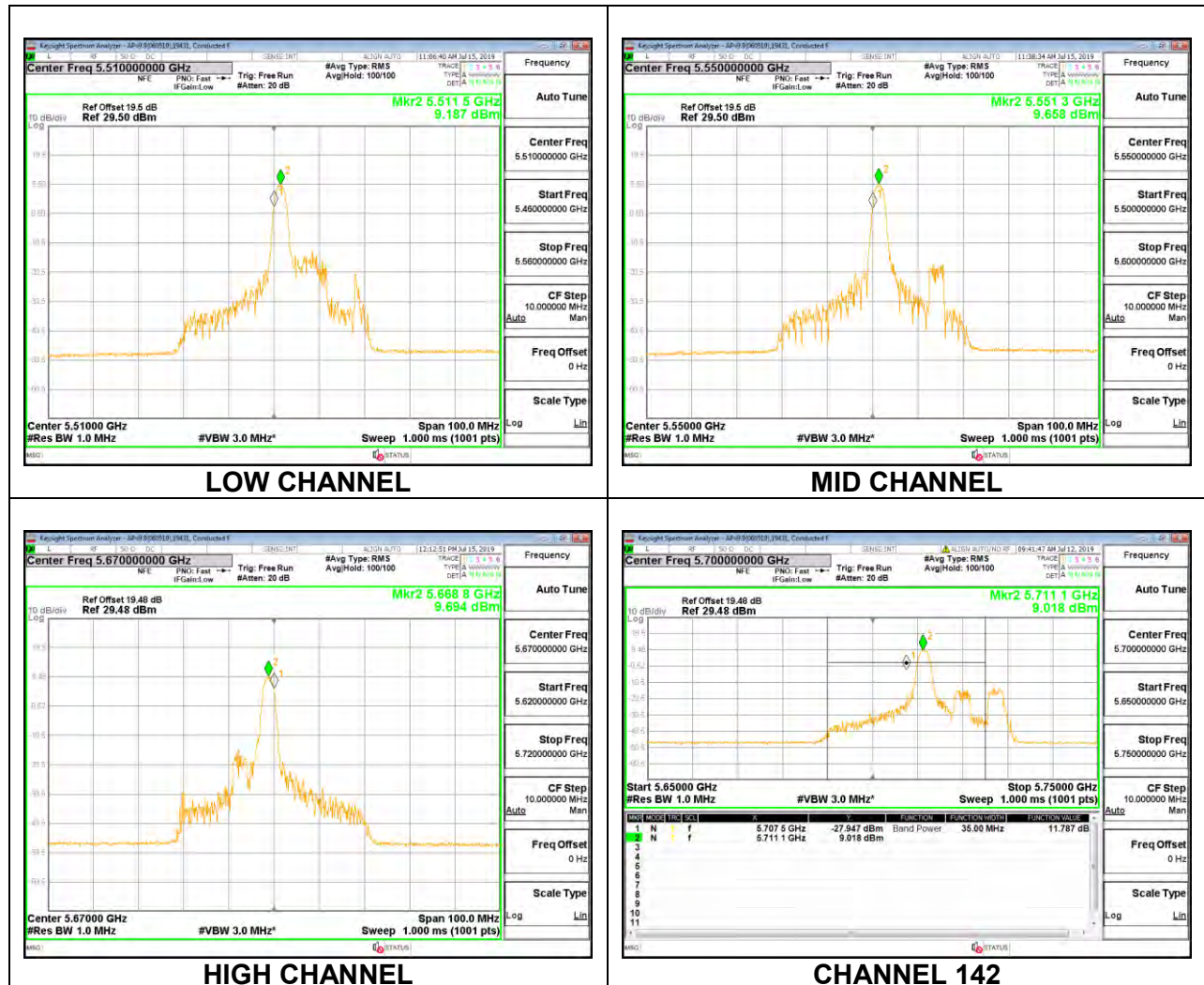
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	11.69	11.69	24.00	-12.31
Mid	5550	11.74	11.74	24.00	-12.26
High	5670	11.76	11.76	24.00	-12.24
142	5710	11.81	11.81	24.00	-12.19

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	9.187	9.19	11.00	-1.81
Mid	5550	9.658	9.66	11.00	-1.34
High	5670	9.694	9.69	11.00	-1.31
142	5710	9.018	9.02	11.00	-1.98



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5510	20.20	18.647	-5.9
Mid	5550	20.30	18.793	-5.9
High	5670	20.00	18.596	-5.9
142	5710	20.20	18.526	-5.9

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	23.71	29.71	23.71	11.00	11.00	11.00
Mid	5550	24.00	23.74	29.74	23.74	11.00	11.00	11.00
High	5670	24.00	23.69	29.69	23.69	11.00	11.00	11.00
142	5710	24.00	23.68	29.68	23.68	11.00	11.00	11.00

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	5510	11.62	11.62	23.71	-12.09
Mid	5550	11.68	11.68	23.74	-12.06
High	5670	11.66	11.66	23.69	-12.04
142	5710	11.72	11.72	23.68	-11.96

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	9.340	9.34	11.00	-1.66
Mid	5550	9.601	9.60	11.00	-1.40
High	5670	9.298	9.30	11.00	-1.70
142	5710	-16.548	-16.55	11.00	-27.55



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5510	41.70	37.856	-3.24	-0.48
Mid	5550	41.90	37.523	-3.24	-0.48
High	5670	40.90	37.720	-3.24	-0.48
142	5710	41.10	37.604	-3.24	-0.48

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	24.00	30.00	24.00	11.00	11.00	11.00
Mid	5550	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5670	24.00	24.00	30.00	24.00	11.00	11.00	11.00
142	5710	24.00	24.00	30.00	24.00	11.00	11.00	11.00

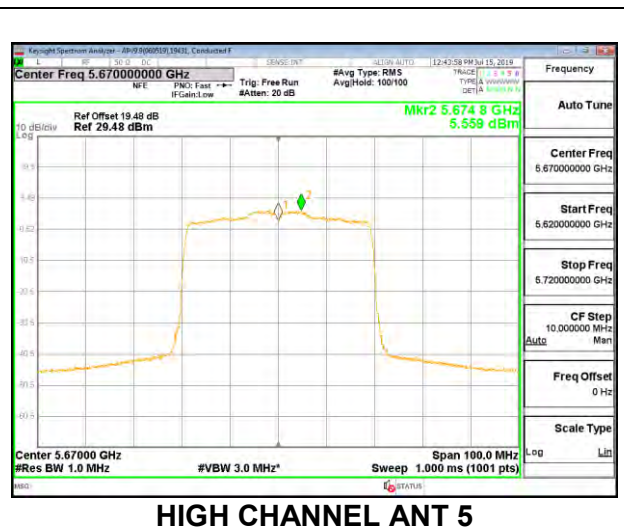
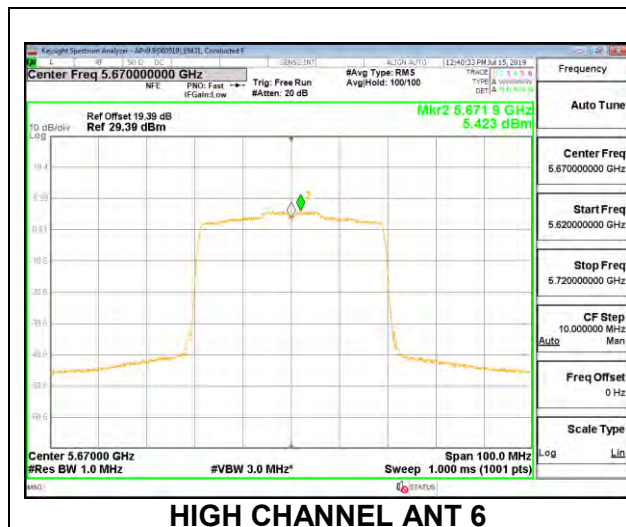
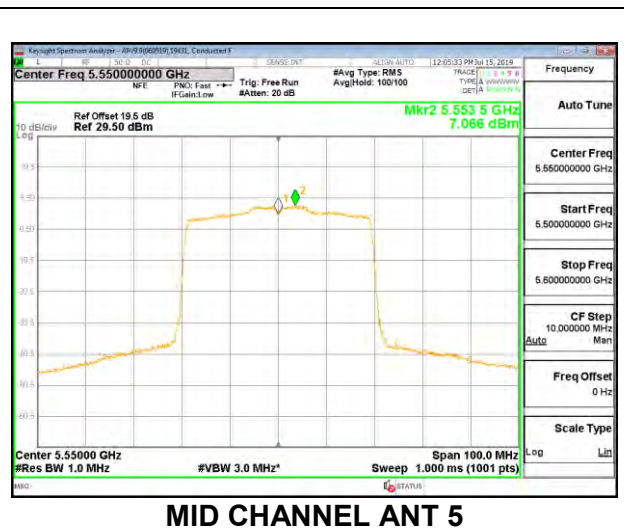
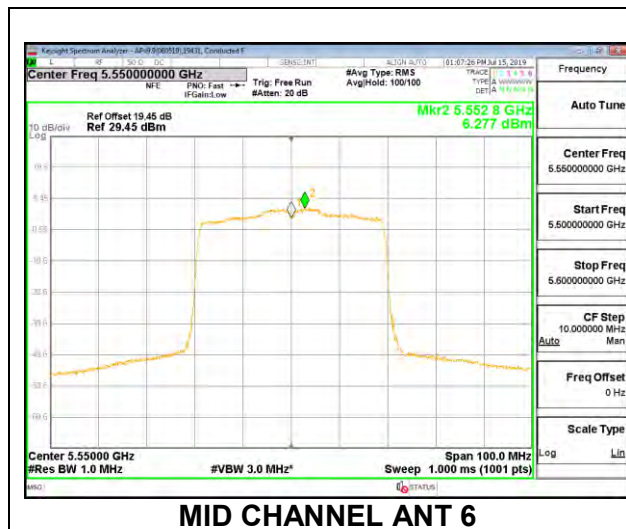
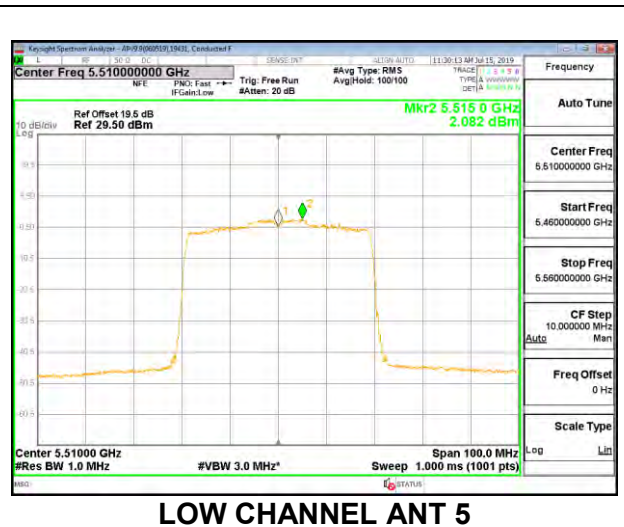
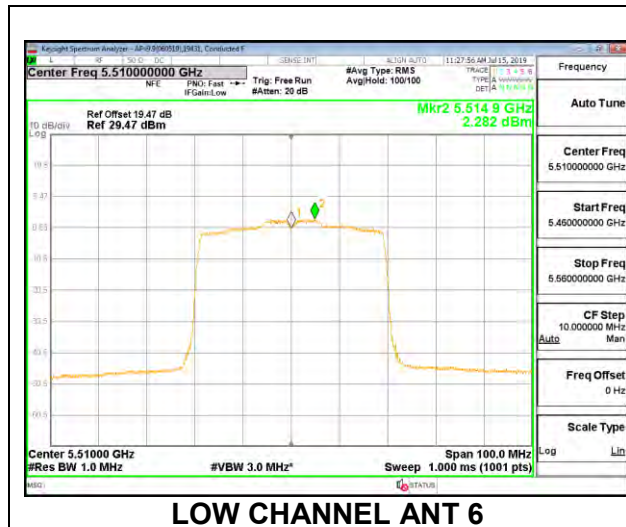
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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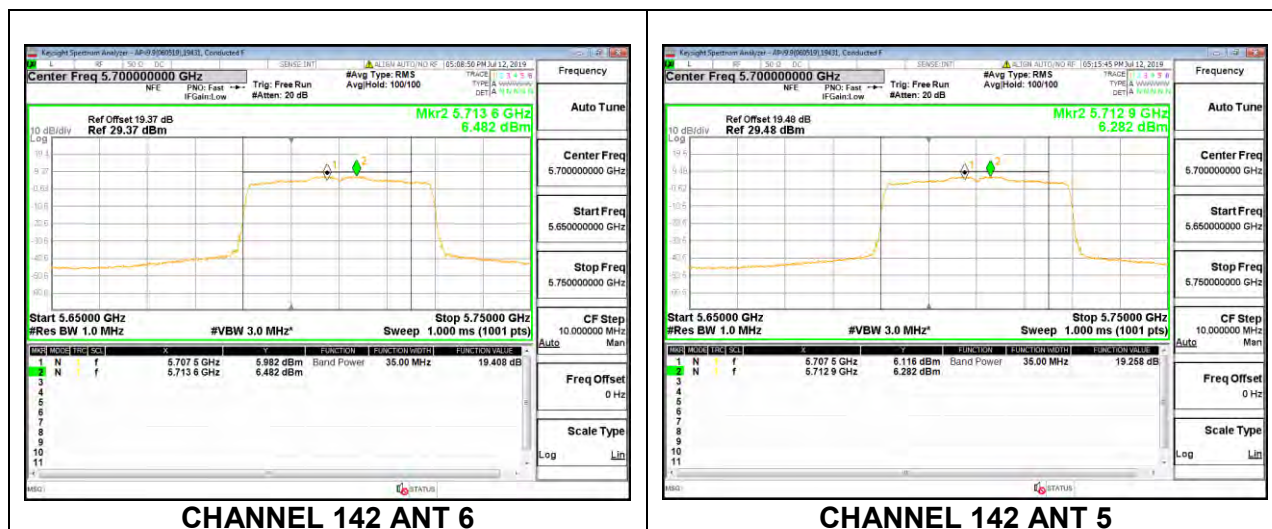
Output Power Results

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	5510	15.32	15.26	18.30	24.00	-5.70
Mid	5550	19.09	19.78	22.46	24.00	-1.54
High	5670	18.27	18.31	21.30	24.00	-2.70
142	5710	19.77	19.62	22.70	24.00	-1.30

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	5510	2.282	2.082	5.19	11.00	-5.81
Mid	5550	6.277	7.066	9.70	11.00	-1.30
High	5670	5.423	5.559	8.50	11.00	-2.50
142	5710	6.482	6.282	9.39	11.00	-1.61





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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5510	21.10	18.501	-3.24	-0.48
Mid	5550	20.60	18.543	-3.24	-0.48
High	5670	19.90	18.592	-3.24	-0.48
142	5710	20.90	18.437	-3.24	-0.48

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	23.67	29.67	23.67	11.00	11.00	11.00
Mid	5550	24.00	23.68	29.68	23.68	11.00	11.00	11.00
High	5670	23.99	23.69	29.69	23.69	11.00	11.00	11.00
142	5710	24.00	23.66	29.66	23.66	11.00	11.00	11.00

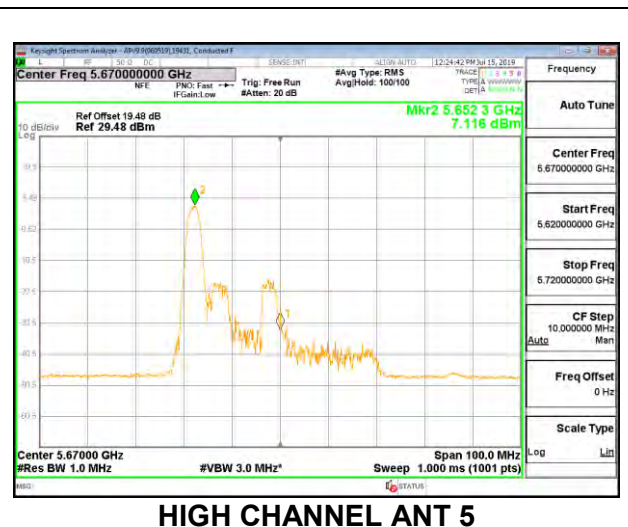
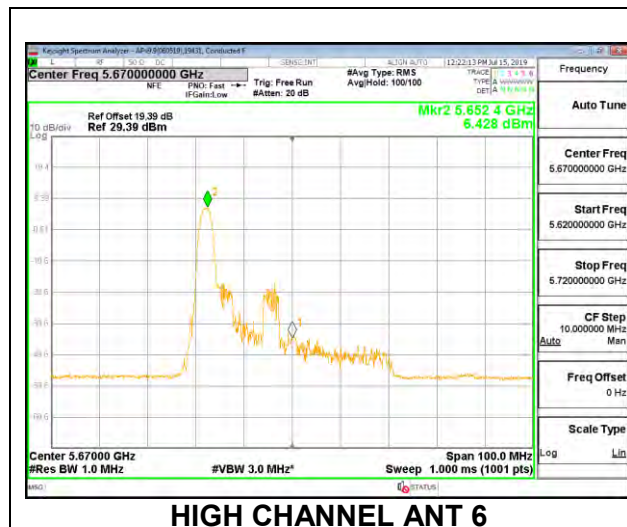
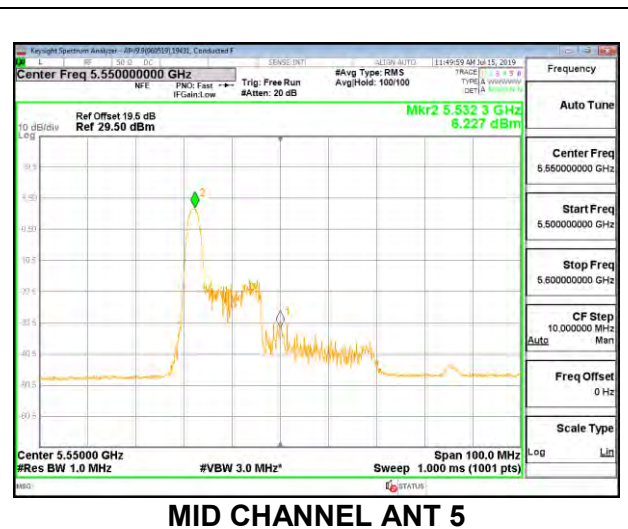
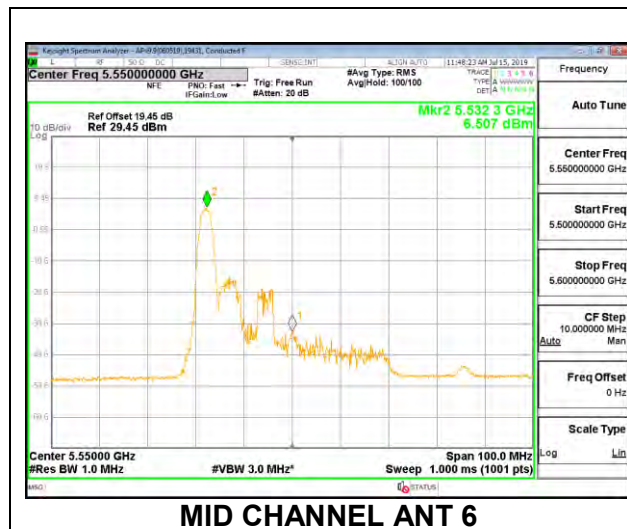
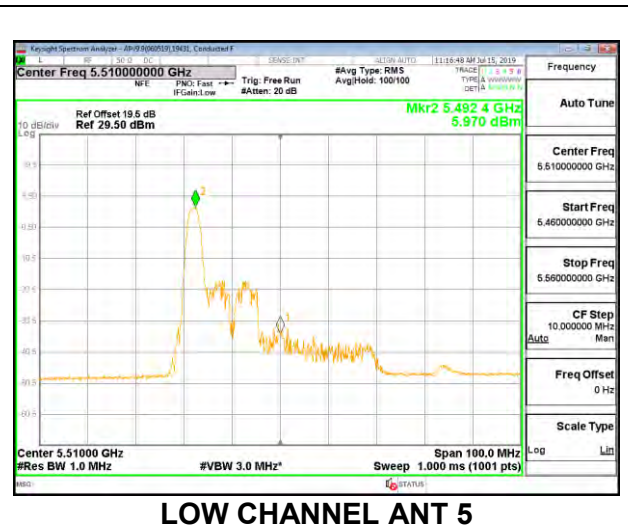
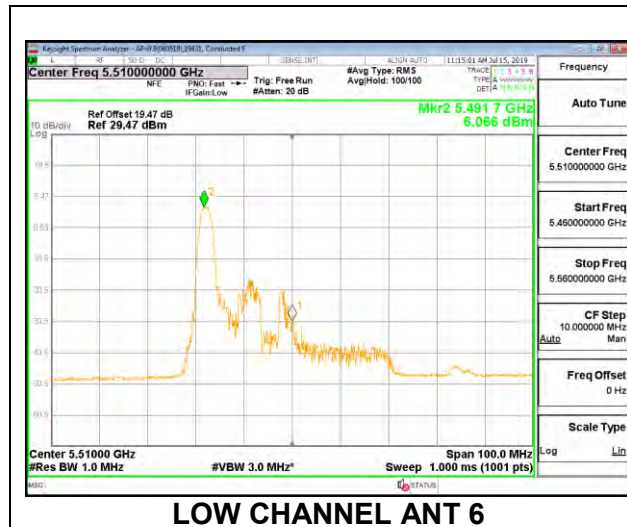
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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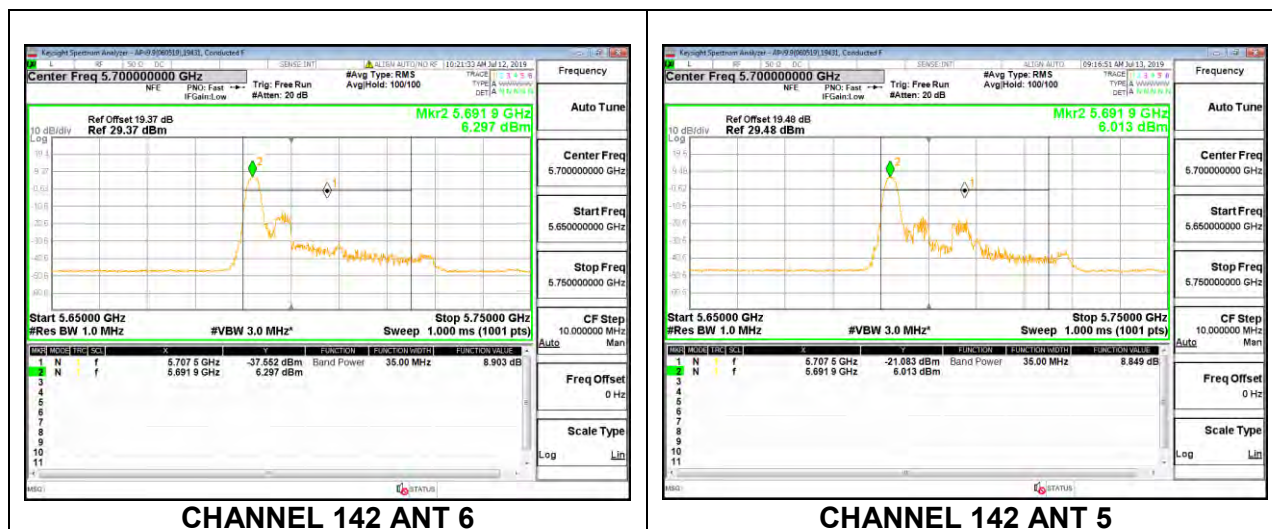
Output Power Results

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	5510	8.61	8.60	11.62	23.67	-12.06
Mid	5550	8.68	8.63	11.67	23.68	-12.02
High	5670	8.65	8.78	11.73	23.69	-11.97
142	5710	8.90	8.85	11.89	23.66	-11.77

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	5510	6.066	5.970	9.03	11.00	-1.97
Mid	5550	6.507	6.227	9.38	11.00	-1.62
High	5670	6.428	7.116	9.80	11.00	-1.20
142	5710	6.297	6.013	9.17	11.00	-1.83





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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5510	22.50	21.349	-3.24	-0.48
Mid	5550	22.50	21.289	-3.24	-0.48
High	5670	22.70	21.238	-3.24	-0.48
142	5710	22.80	21.230	-3.24	-0.48

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	24.00	30.00	24.00	11.00	11.00	11.00
Mid	5550	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5670	24.00	24.00	30.00	24.00	11.00	11.00	11.00
142	5710	24.00	24.00	30.00	24.00	11.00	11.00	11.00

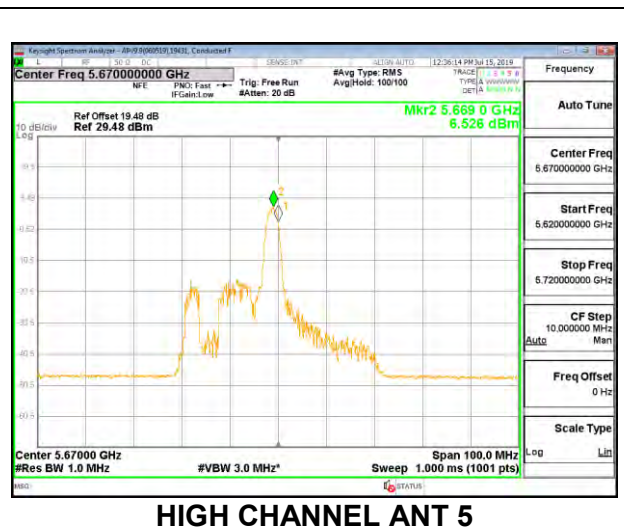
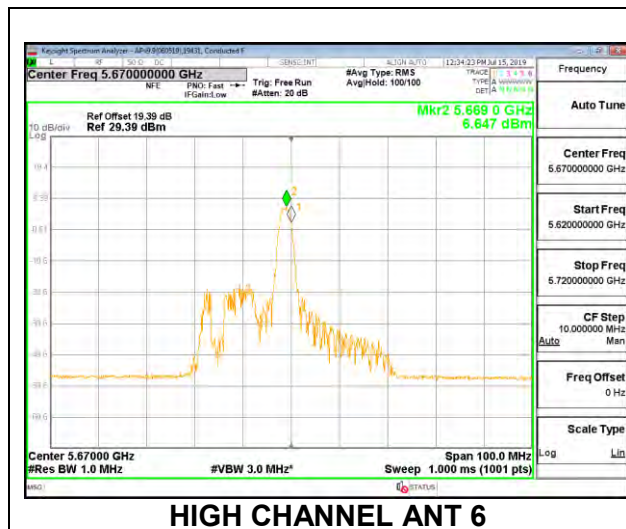
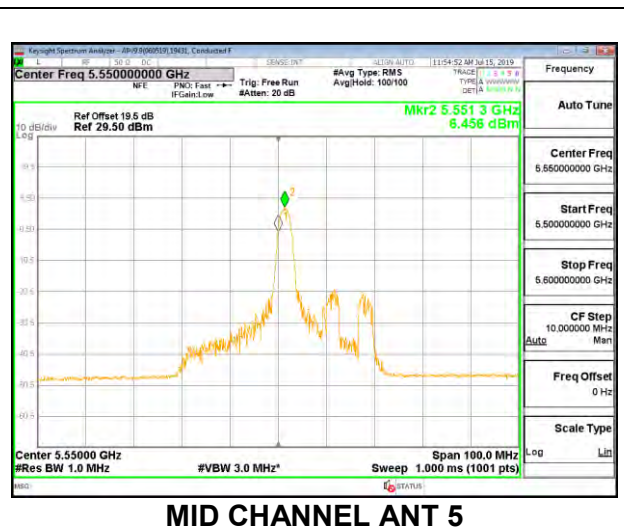
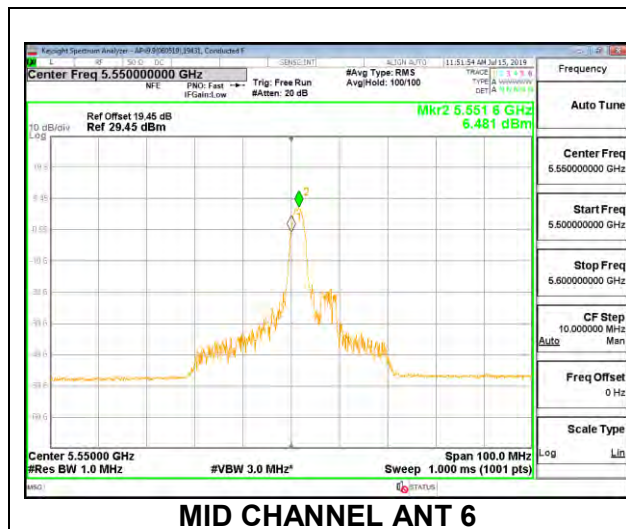
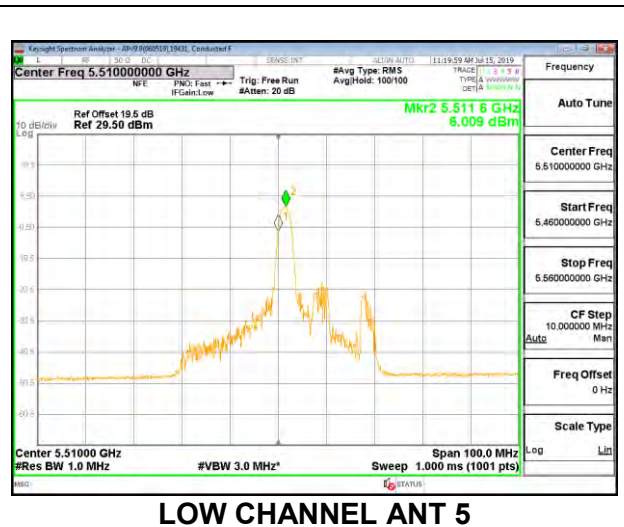
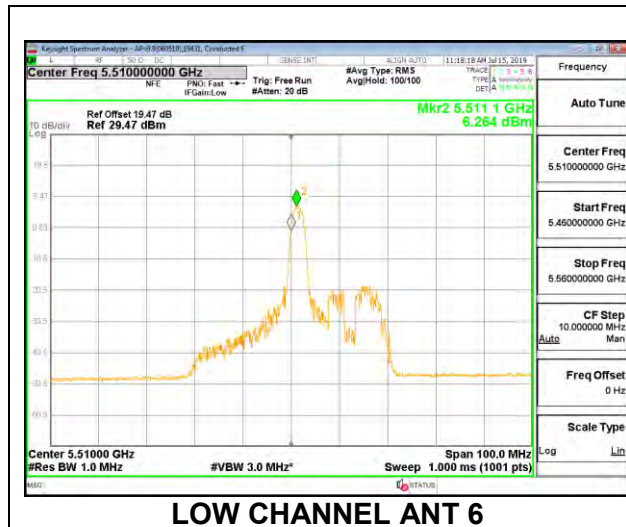
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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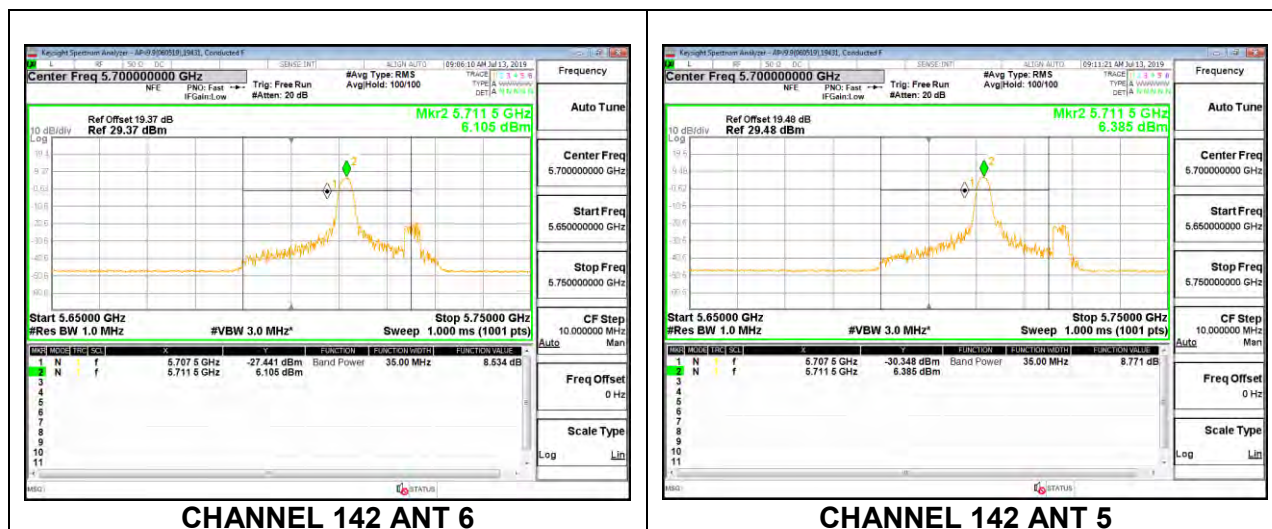
Output Power Results

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	5510	8.61	8.59	11.61	24.00	-12.39
Mid	5550	8.67	8.66	11.68	24.00	-12.32
High	5670	8.71	8.70	11.72	24.00	-12.28
142	5710	8.77	8.80	11.80	24.00	-12.20

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	5510	6.264	6.009	9.15	11.00	-1.85
Mid	5550	6.481	6.456	9.48	11.00	-1.52
High	5670	6.647	6.526	9.60	11.00	-1.40
142	5710	6.105	6.385	9.26	11.00	-1.74





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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5510	20.20	18.506	-3.24	-0.48
Mid	5550	20.90	18.535	-3.24	-0.48
High	5670	19.20	18.477	-3.24	-0.48
142	5710	20.80	18.517	-3.24	-0.48

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5510	24.00	23.67	29.67	23.67	11.00	11.00	11.00
Mid	5550	24.00	23.68	29.68	23.68	11.00	11.00	11.00
High	5670	23.83	23.67	29.67	23.67	11.00	11.00	11.00
142	5710	24.00	23.68	29.68	23.68	11.00	11.00	11.00

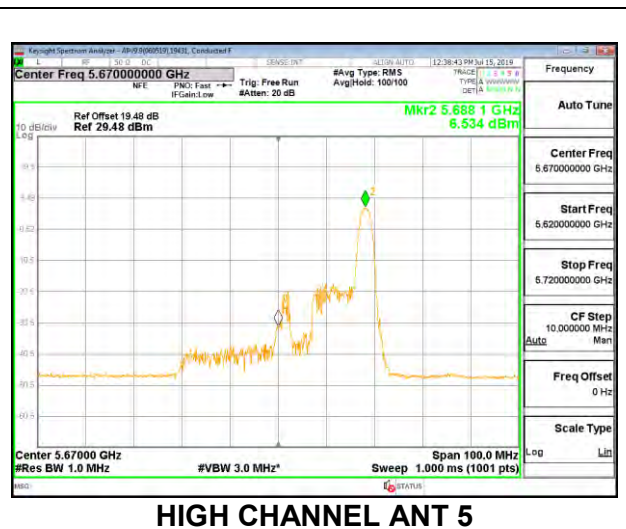
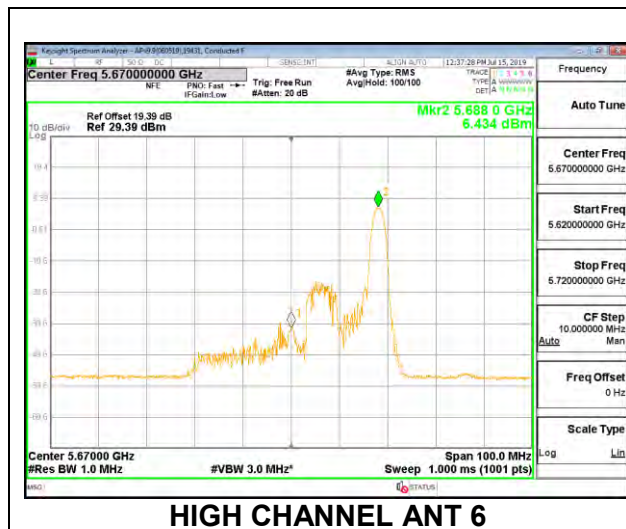
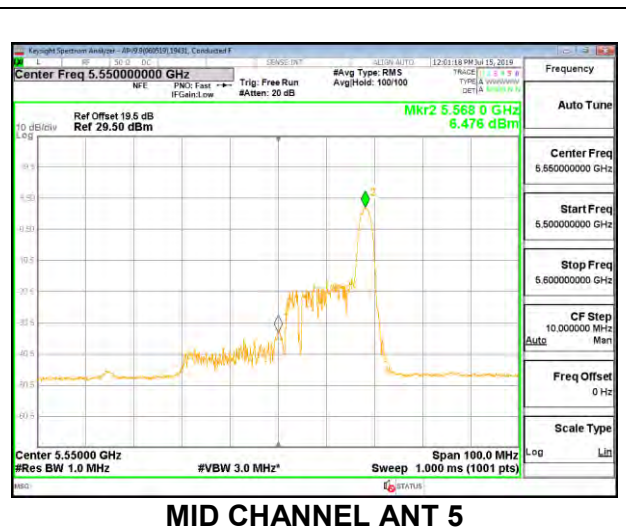
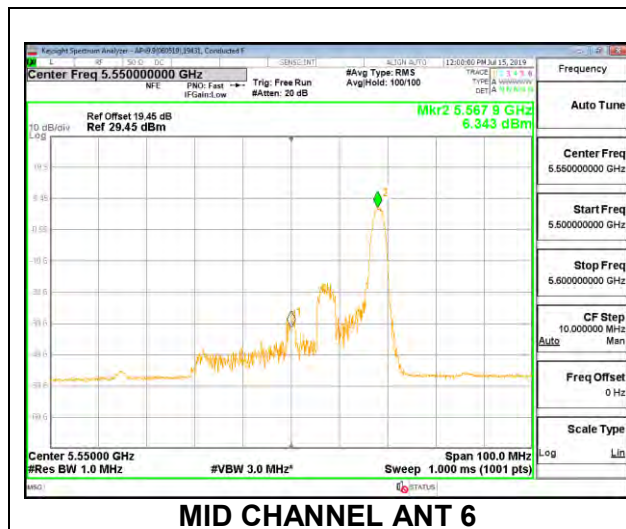
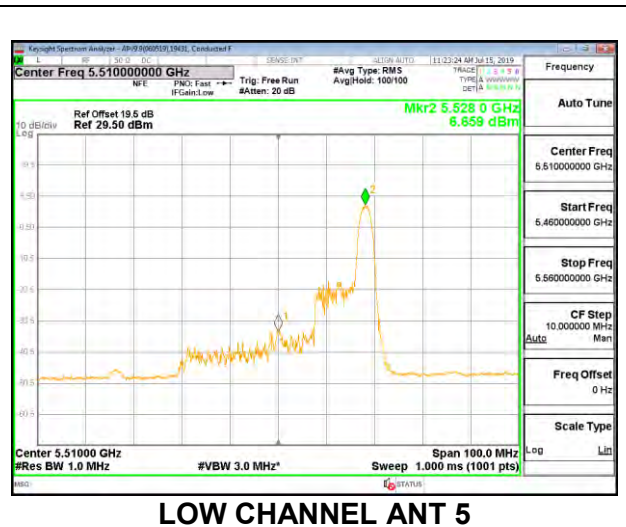
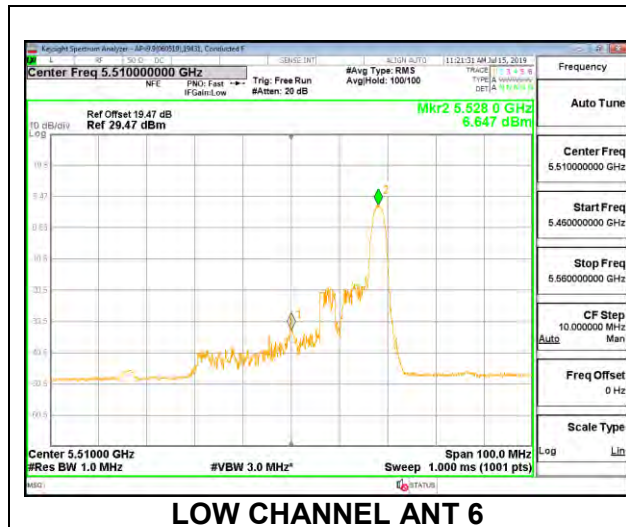
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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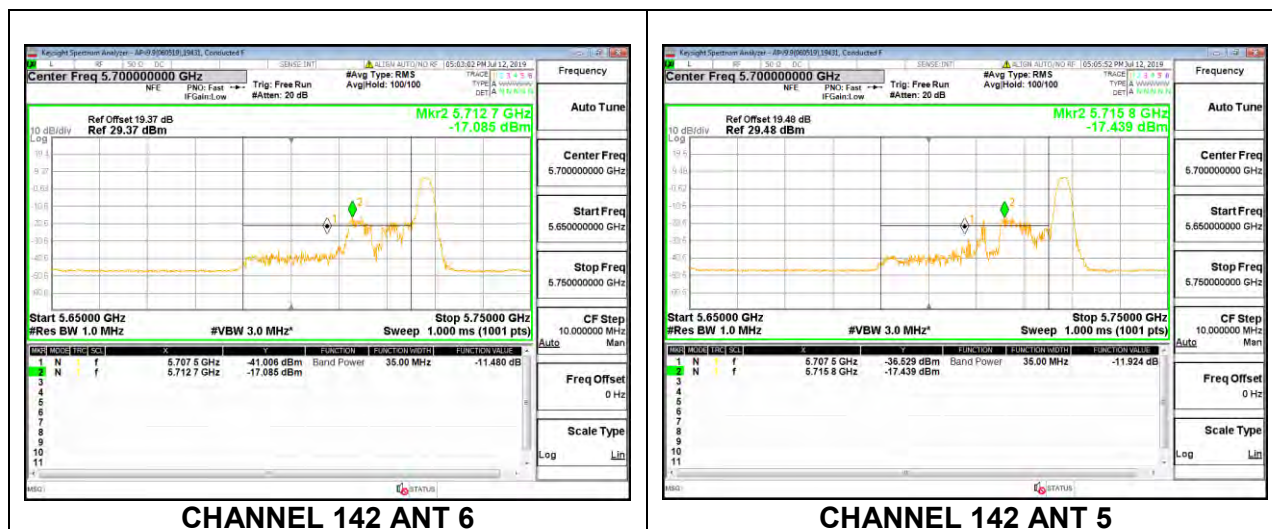
Output Power Results

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	5510	8.71	8.72	11.73	23.67	-11.95
Mid	5550	8.63	8.66	11.66	23.68	-12.02
High	5670	8.64	8.68	11.67	23.67	-12.00
142	5710	8.89	8.86	11.89	23.68	-11.79

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	5510	6.647	6.659	9.66	11.00	-1.34
Mid	5550	6.343	6.476	9.42	11.00	-1.58
High	5670	6.434	6.534	9.49	11.00	-1.51
142	5710	-17.085	-17.439	-14.25	11.00	-25.25





8.5.18. 802.11ax HE80 MODE IN THE 5.6 GHz BAND

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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	84.00	77.015	-1.6
High	5610	86.60	77.272	-1.6
138	5690	82.80	77.495	-1.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5610	24.00	24.00	30.00	24.00	11.00	11.00	11.00
138	5690	24.00	24.00	30.00	24.00	11.00	11.00	11.00

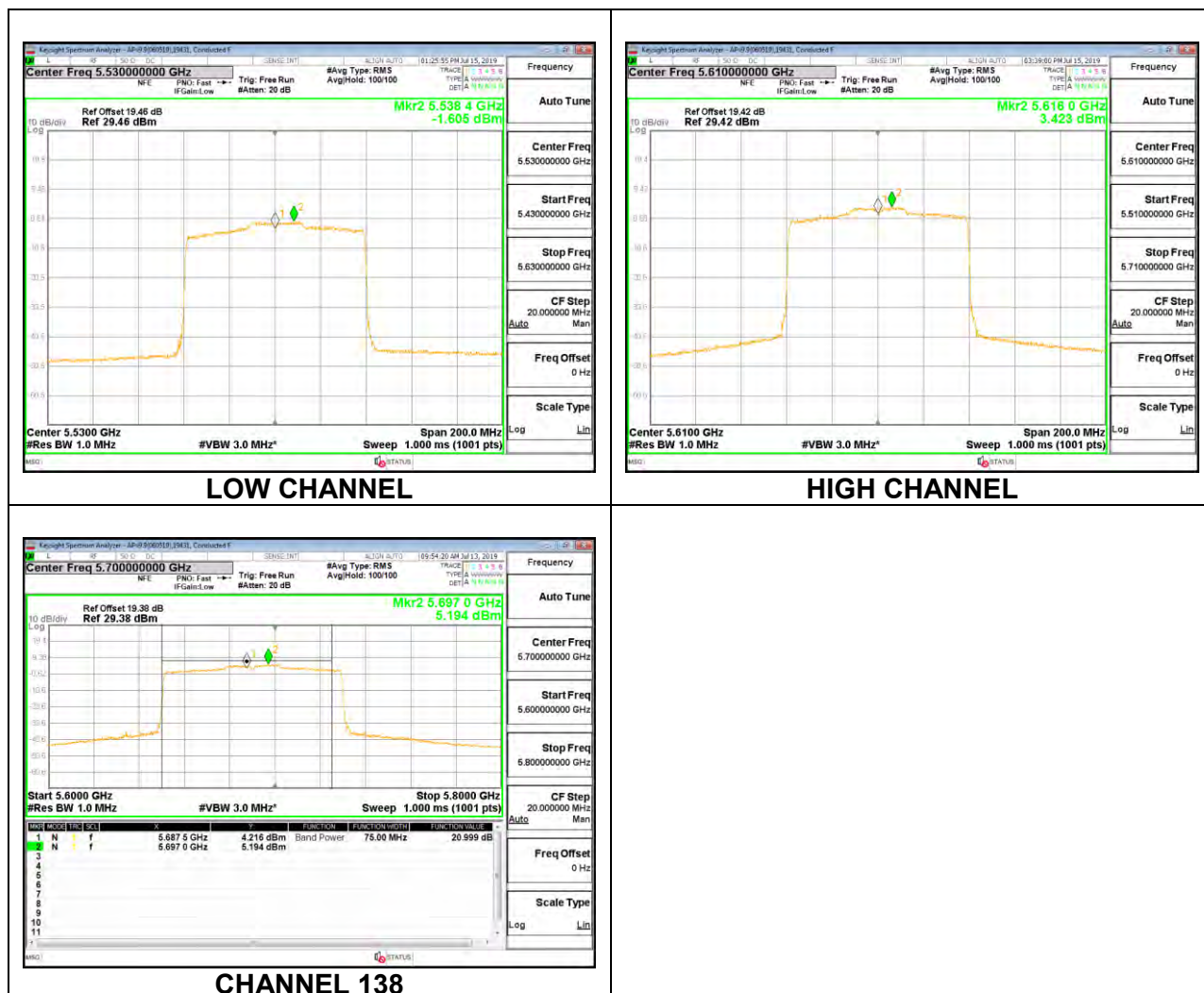
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.68	14.68	24.00	-9.32
High	5610	19.72	19.72	24.00	-4.28
138	5690	21.30	21.30	24.00	-2.70

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	-1.605	-1.605	11.00	-12.61
High	5610	3.423	3.423	11.00	-7.58
138	5690	5.194	5.194	11.00	-5.81



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	19.60	18.596	-1.6
High	5610	19.20	18.654	-1.6
138	5690	19.80	18.465	-1.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	23.92	23.69	29.69	23.69	11.00	11.00	11.00
High	5610	23.83	23.71	29.71	23.71	11.00	11.00	11.00
138	5690	23.97	23.66	29.66	23.66	11.00	11.00	11.00

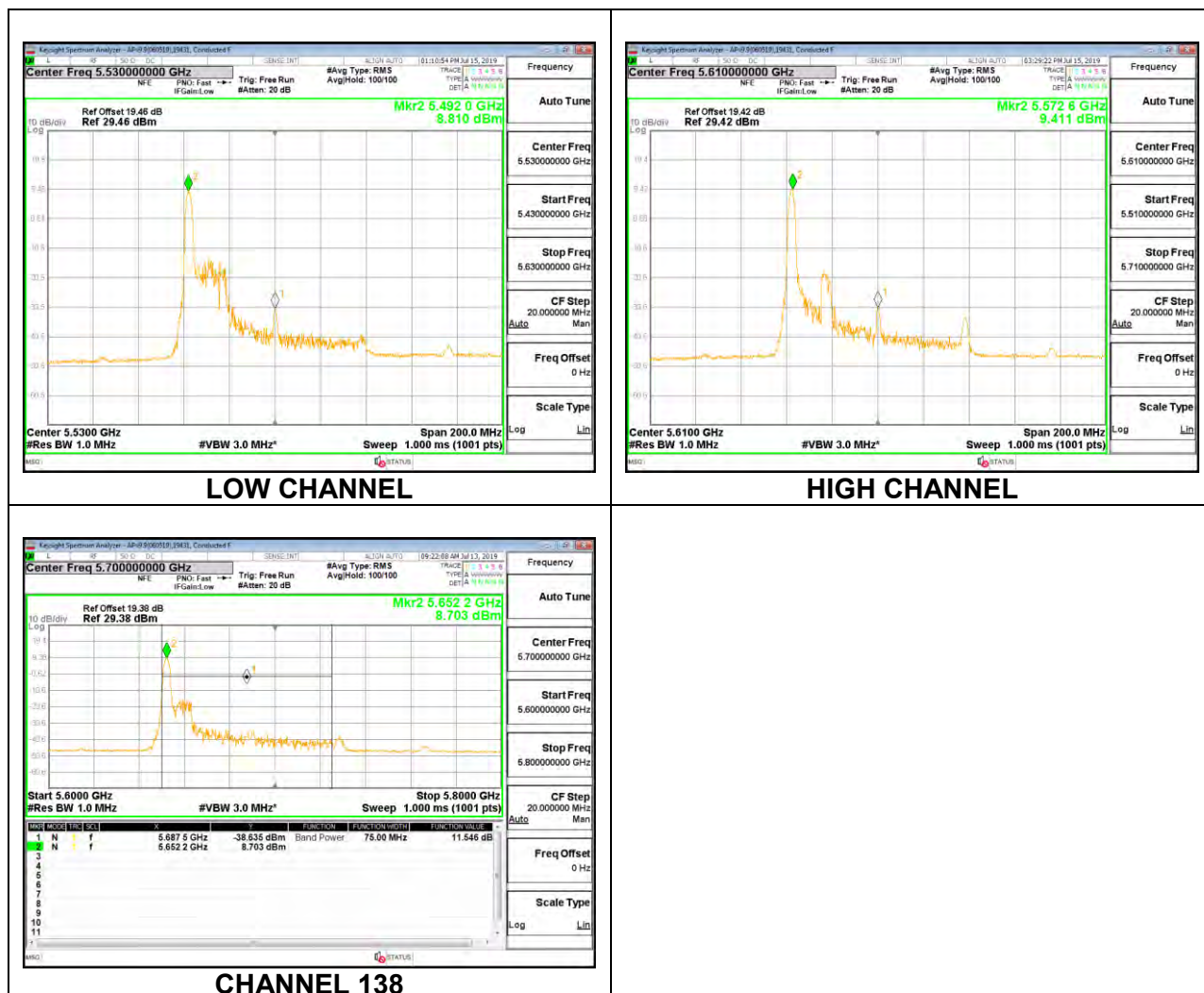
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.64	11.64	23.69	-12.05
High	5610	11.74	11.74	23.71	-11.97
138	5690	11.75	11.75	23.66	-11.92

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	8.810	8.810	11.00	-2.19
High	5610	9.411	9.411	11.00	-1.59
138	5690	8.703	8.703	11.00	-2.30



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	45.40	38.090	-1.6
High	5610	41.40	37.995	-1.6
138	5690	39.00	38.094	-1.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5610	24.00	24.00	30.00	24.00	11.00	11.00	11.00
138	5690	24.00	24.00	30.00	24.00	11.00	11.00	11.00

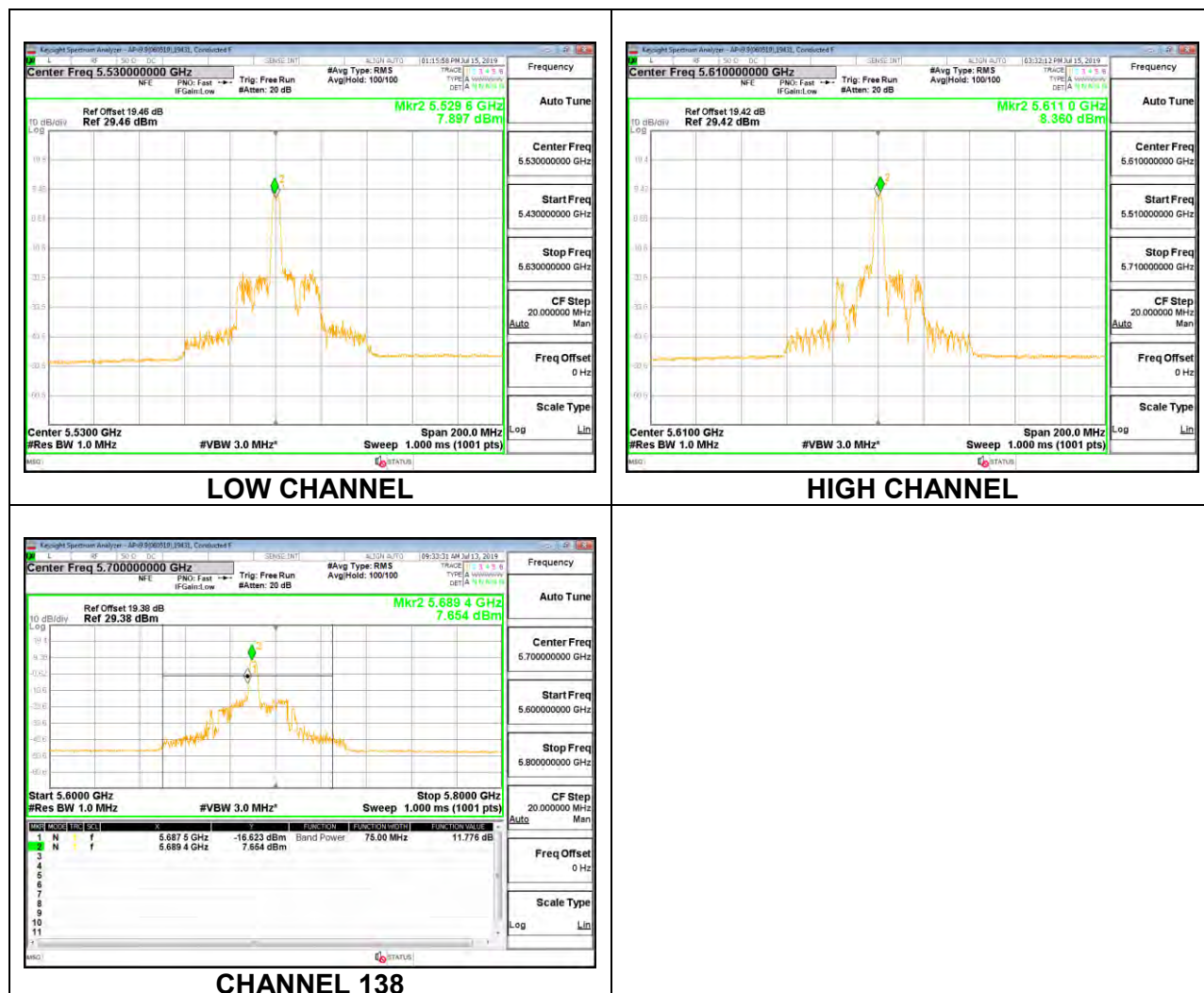
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.72	11.72	24.00	-12.28
High	5610	11.77	11.77	24.00	-12.23
138	5690	11.82	11.82	24.00	-12.18

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	7.897	7.897	11.00	-3.10
High	5610	8.360	8.360	11.00	-2.64
138	5690	7.654	7.654	11.00	-3.35



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	26.80	18.533	-1.6
High	5610	22.00	18.600	-1.6
138	5690	20.60	18.593	-1.6

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	23.68	29.68	23.68	11.00	11.00	11.00
High	5610	24.00	23.70	29.70	23.70	11.00	11.00	11.00
138	5690	24.00	23.69	29.69	23.69	11.00	11.00	11.00

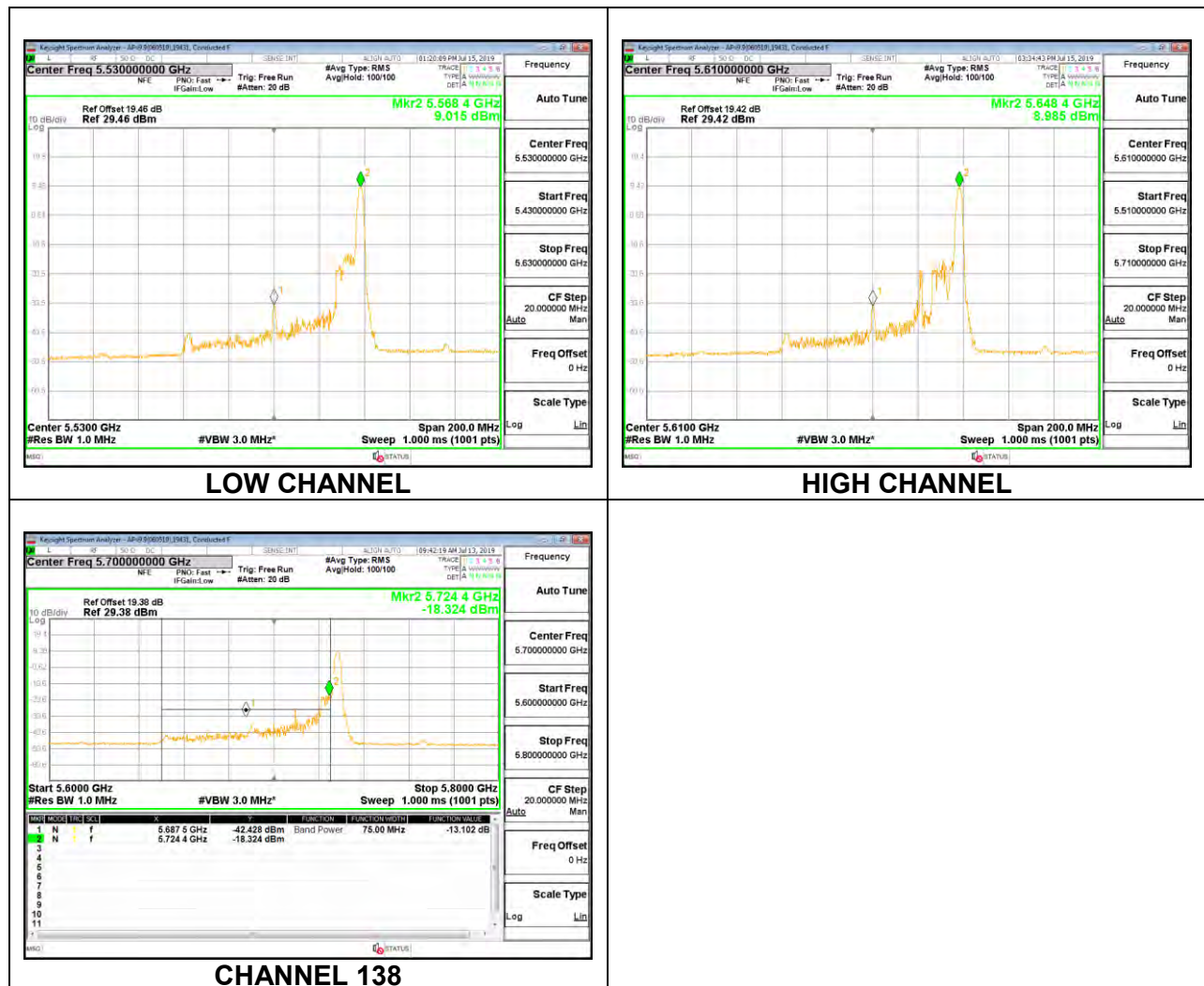
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.75	11.75	23.68	-11.93
High	5610	11.72	11.72	23.70	-11.98
138	5690	11.79	11.79	23.69	-11.90

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	9.015	9.015	11.00	-1.99
High	5610	8.985	8.985	11.00	-2.02
138	5690	-18.324	-18.324	11.00	-29.32



1TX Antenna 5 MODE – 996 Tones, RU Index 67

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	84.80	76.859	-5.9
High	5610	85.20	77.152	-5.9
138	5690	83.40	77.383	-5.9

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5610	24.00	24.00	30.00	24.00	11.00	11.00	11.00
138	5690	24.00	24.00	30.00	24.00	11.00	11.00	11.00

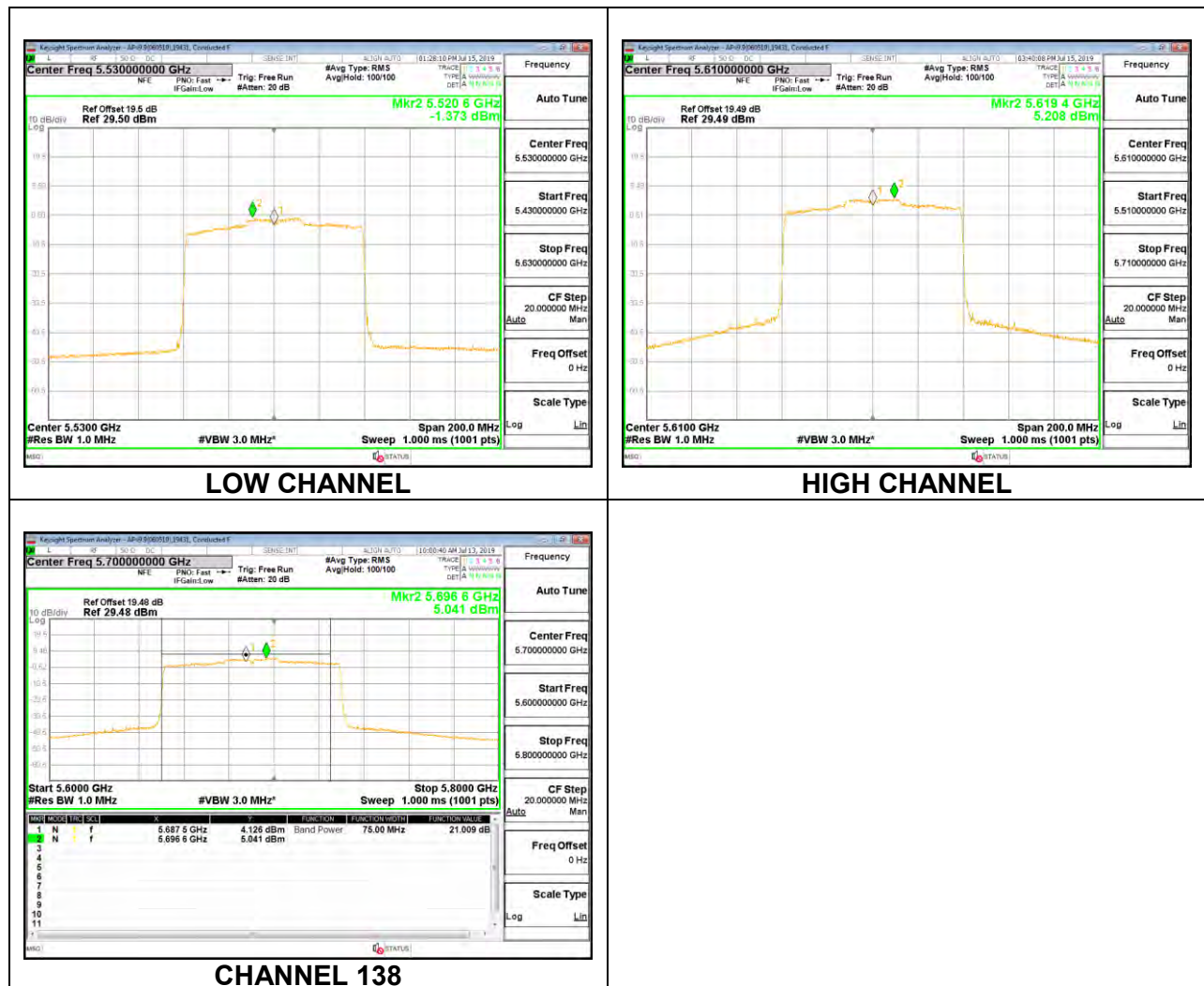
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.62	14.62	24.00	-9.38
High	5610	21.29	21.29	24.00	-2.71
138	5690	21.40	21.40	24.00	-2.60

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	-1.373	-1.373	11.00	-12.37
High	5610	5.208	5.208	11.00	-5.79
138	5690	5.041	5.041	11.00	-5.96



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	23.80	18.589	-5.9
High	5610	21.00	18.577	-5.9
138	5690	19.80	18.531	-5.9

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	23.69	29.69	23.69	11.00	11.00	11.00
High	5610	24.00	23.69	29.69	23.69	11.00	11.00	11.00
138	5690	23.97	23.68	29.68	23.68	11.00	11.00	11.00

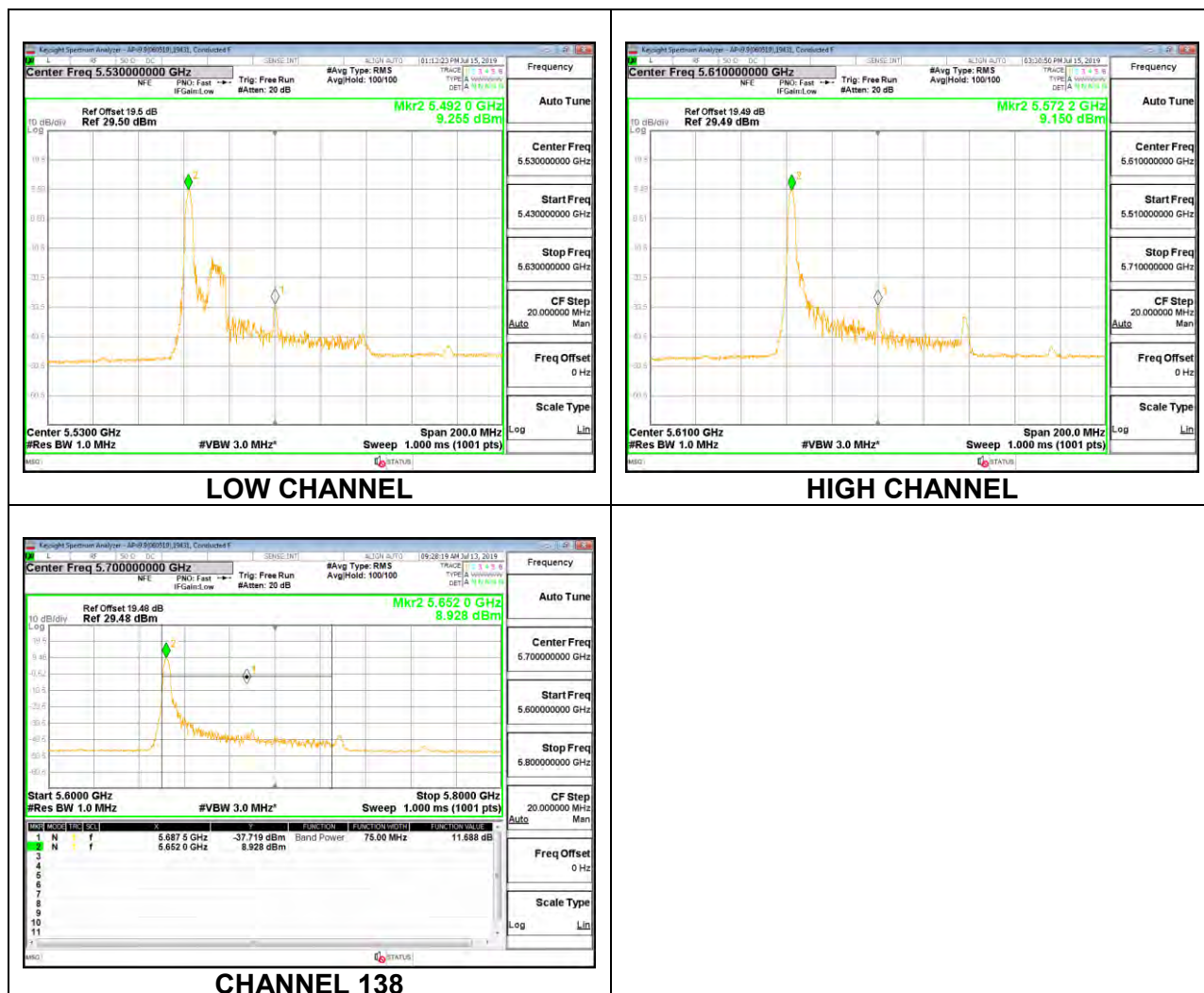
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.73	11.73	23.69	-11.96
High	5610	11.72	11.72	23.69	-11.97
138	5690	11.78	11.78	23.68	-11.90

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	9.255	9.255	11.00	-1.75
High	5610	9.150	9.150	11.00	-1.85
138	5690	8.928	8.928	11.00	-2.07



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	45.00	38.121	-5.9
High	5610	40.20	38.168	-5.9
138	5690	39.00	37.998	-5.9

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5610	24.00	24.00	30.00	24.00	11.00	11.00	11.00
138	5690	24.00	24.00	30.00	24.00	11.00	11.00	11.00

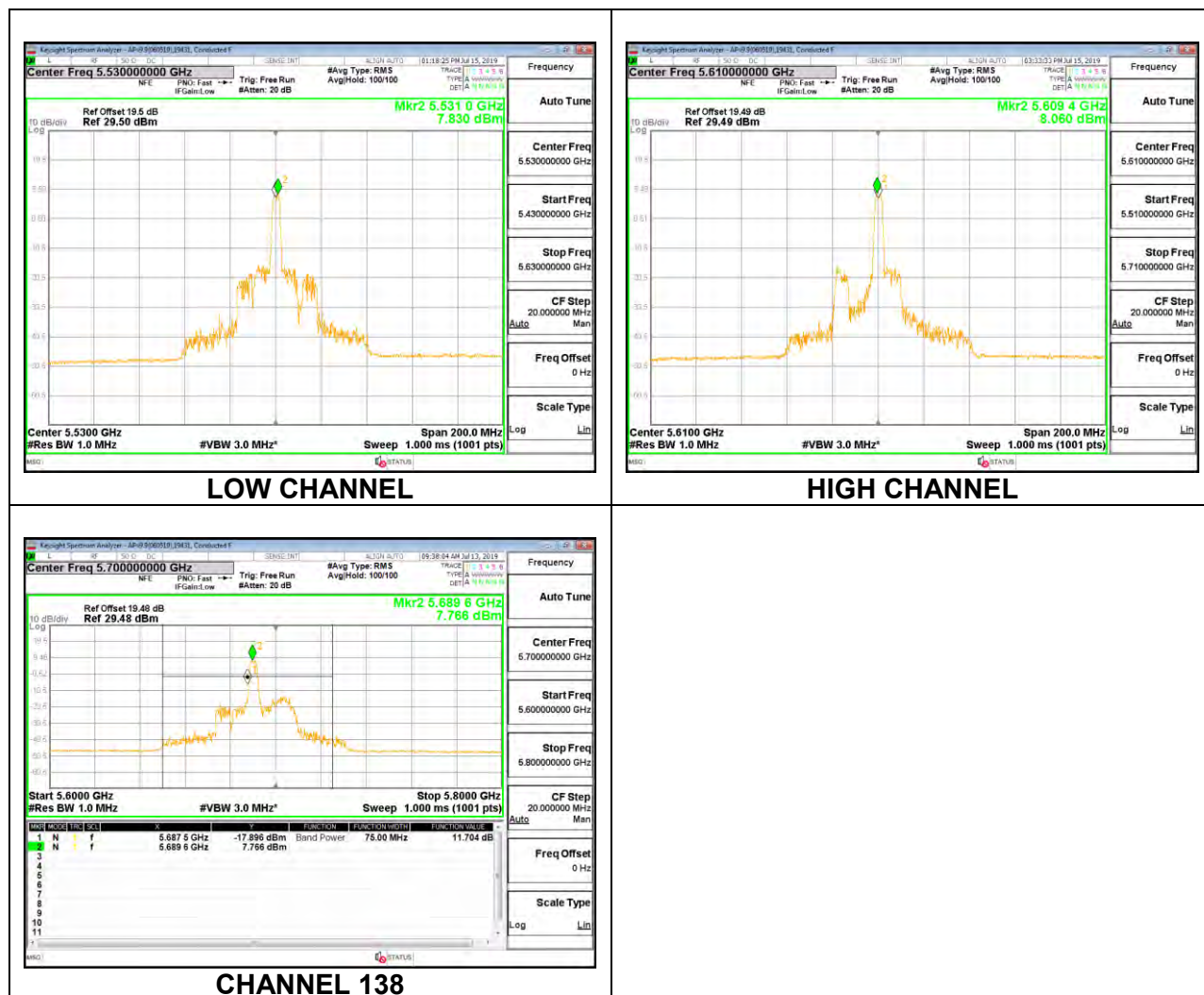
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.65	11.65	24.00	-12.35
High	5610	11.68	11.68	24.00	-12.32
138	5690	11.89	11.89	24.00	-12.11

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	7.830	7.830	11.00	-3.17
High	5610	8.060	8.060	11.00	-2.94
138	5690	7.766	7.766	11.00	-3.23



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)
Low	5530	26.00	18.621	-5.9
High	5610	22.20	18.605	-5.9
138	5690	20.80	18.557	-5.9

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	23.70	29.70	23.70	11.00	11.00	11.00
High	5610	24.00	23.70	29.70	23.70	11.00	11.00	11.00
138	5690	24.00	23.69	29.69	23.69	11.00	11.00	11.00

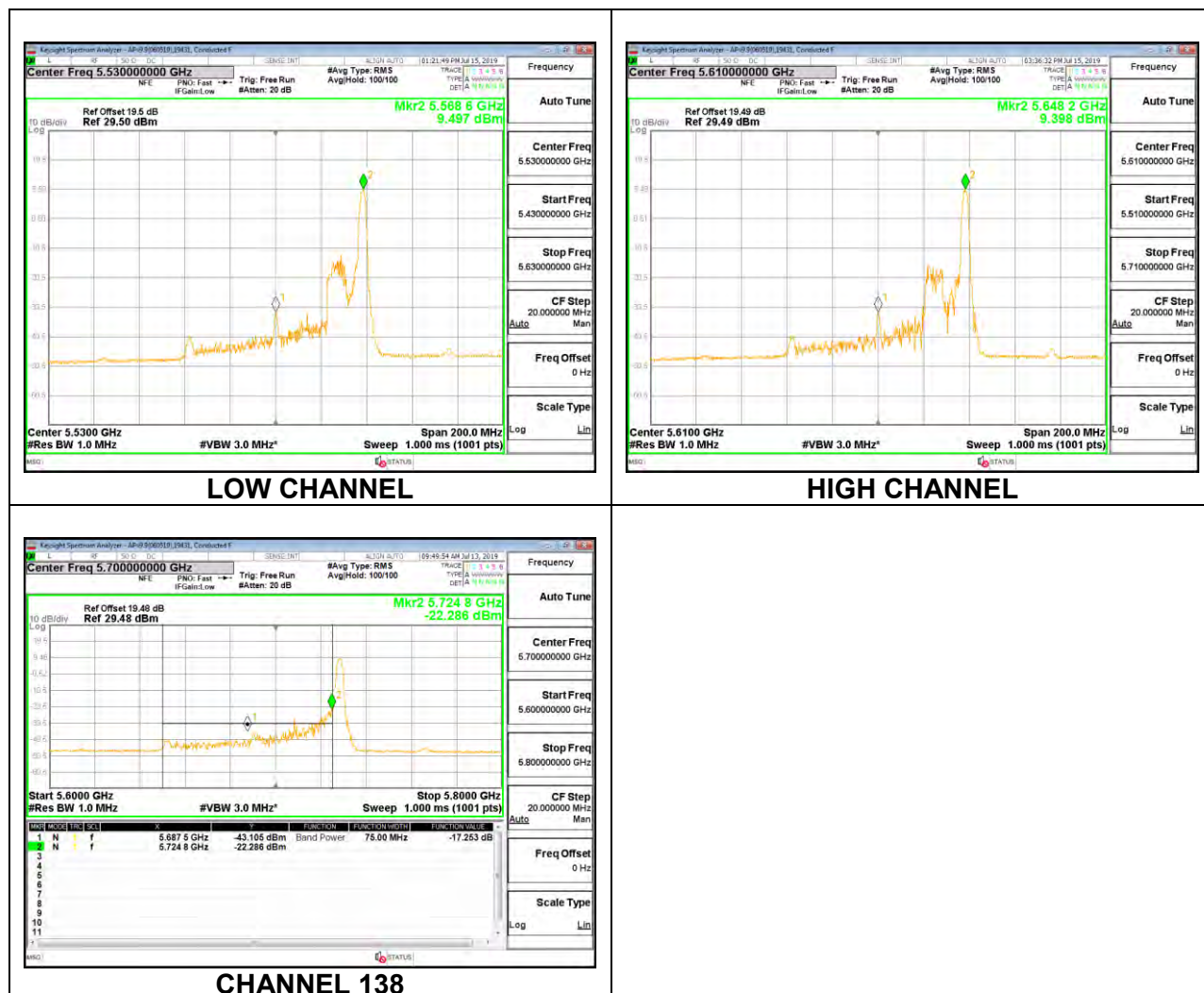
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	11.76	11.76	23.70	-11.94
High	5610	11.73	11.73	23.70	-11.97
138	5690	11.80	11.80	23.69	-11.89

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	9.497	9.497	11.00	-1.50
High	5610	9.398	9.398	11.00	-1.60
138	5690	-22.285	-22.285	11.00	-33.29



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	84.40	77.185	-3.24	-0.48
High	5610	84.80	76.592	-3.24	-0.48
138	5690	82.60	77.309	-3.24	-0.48

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5610	24.00	24.00	30.00	24.00	11.00	11.00	11.00
138	5690	24.00	24.00	30.00	24.00	11.00	11.00	11.00

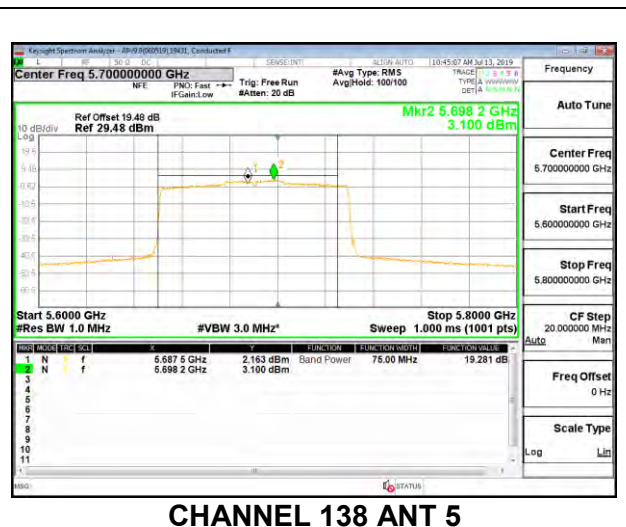
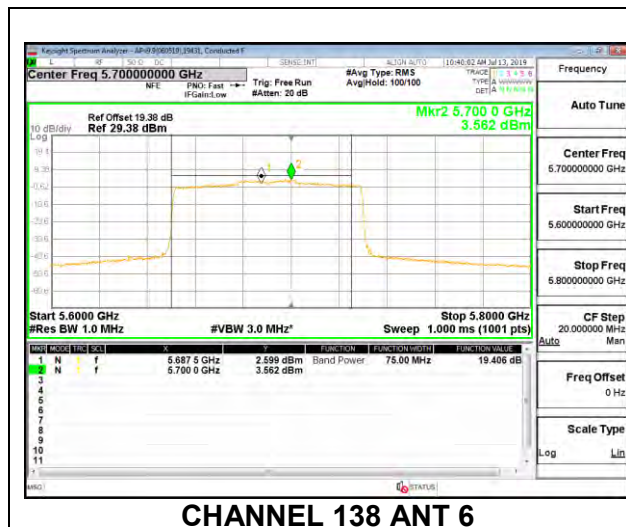
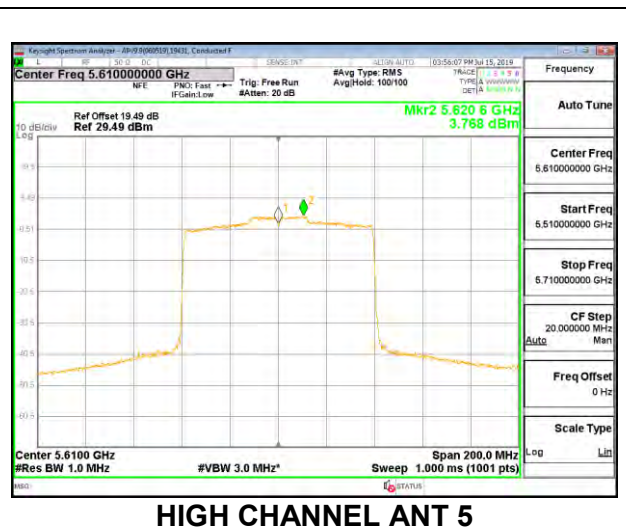
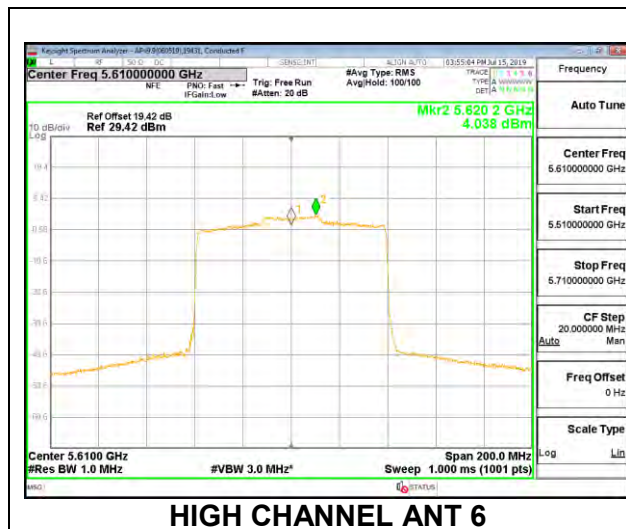
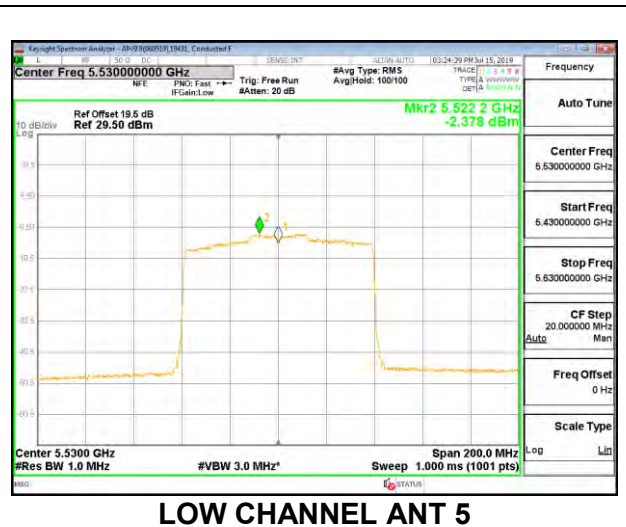
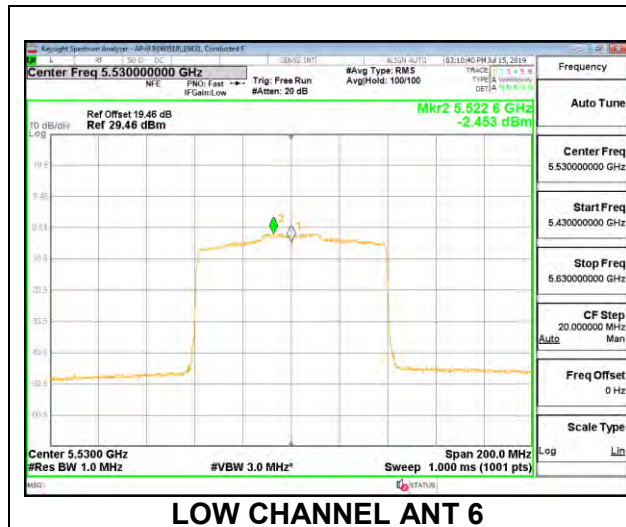
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	5530	13.76	13.71	16.75	24.00	-7.25
High	5610	19.75	19.73	22.75	24.00	-1.25
138	5690	19.77	19.82	22.81	24.00	-1.19

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	5530	-2.453	-2.378	0.595	11.00	-10.41
High	5610	4.038	3.768	6.915	11.00	-4.08
138	5690	3.562	3.100	6.347	11.00	-4.65



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	22.80	18.600	-3.24	-0.48
High	5610	21.00	18.606	-3.24	-0.48
138	5690	19.60	18.618	-3.24	-0.48

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	23.70	29.70	23.70	11.00	11.00	11.00
High	5610	24.00	23.70	29.70	23.70	11.00	11.00	11.00
138	5690	23.92	23.70	29.70	23.70	11.00	11.00	11.00

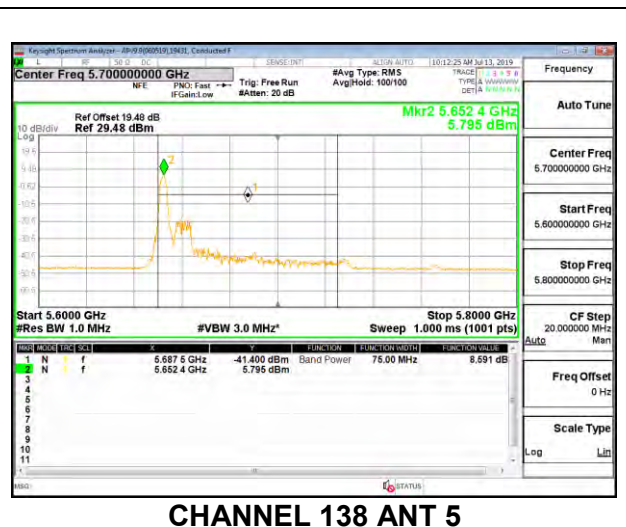
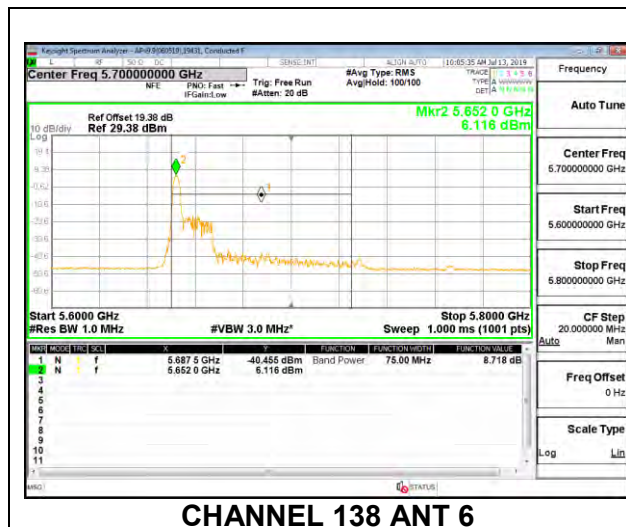
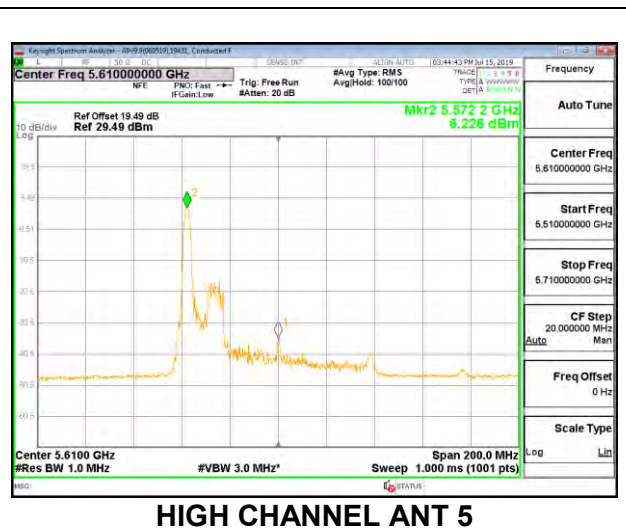
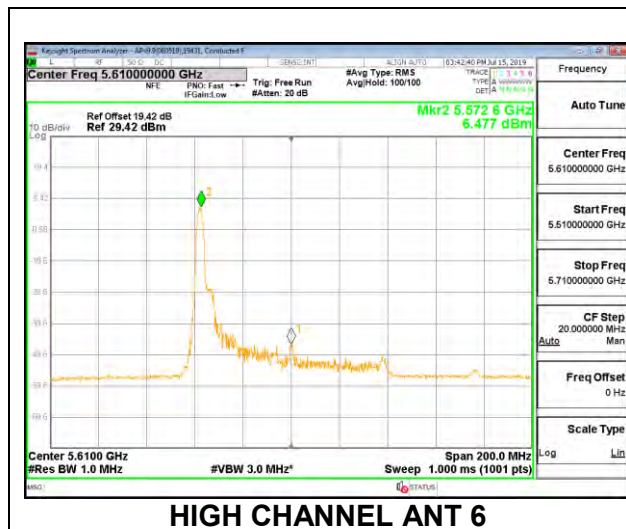
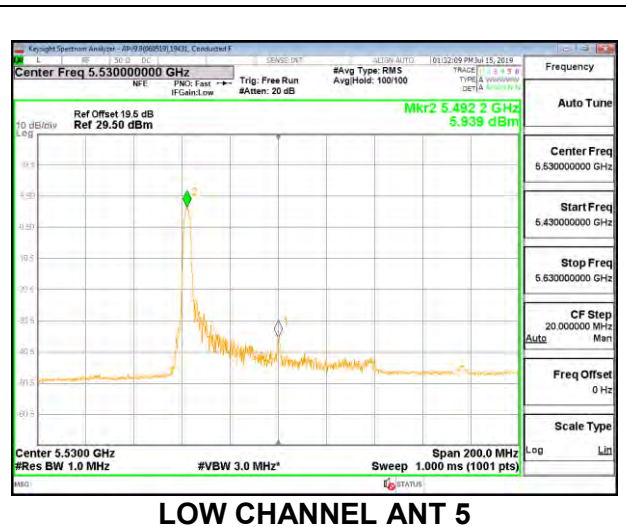
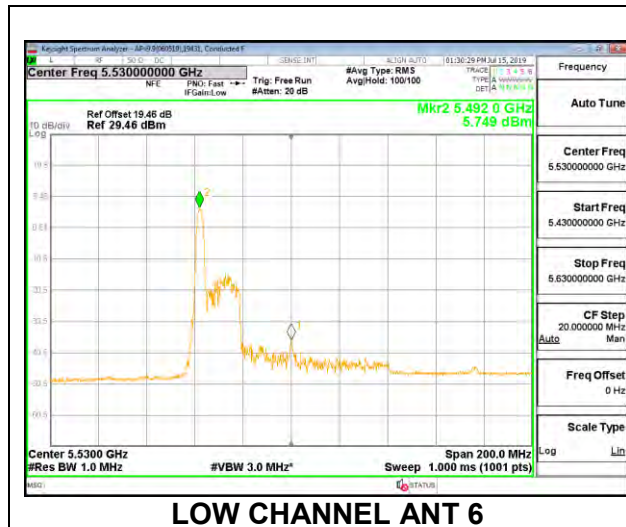
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	5530	8.65	8.68	11.68	23.70	-12.02
High	5610	8.75	8.71	11.74	23.70	-11.96
138	5690	8.85	8.80	11.84	23.70	-11.86

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	5530	5.749	5.939	8.855	11.00	-2.14
High	5610	6.477	6.226	9.364	11.00	-1.64
138	5690	6.116	5.795	8.969	11.00	-2.03



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

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	42.00	37.024	-3.24	-0.48
High	5610	38.40	37.030	-3.24	-0.48
138	5690	38.40	37.007	-3.24	-0.48

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	24.00	30.00	24.00	11.00	11.00	11.00
High	5610	24.00	24.00	30.00	24.00	11.00	11.00	11.00
138	5690	24.00	24.00	30.00	24.00	11.00	11.00	11.00

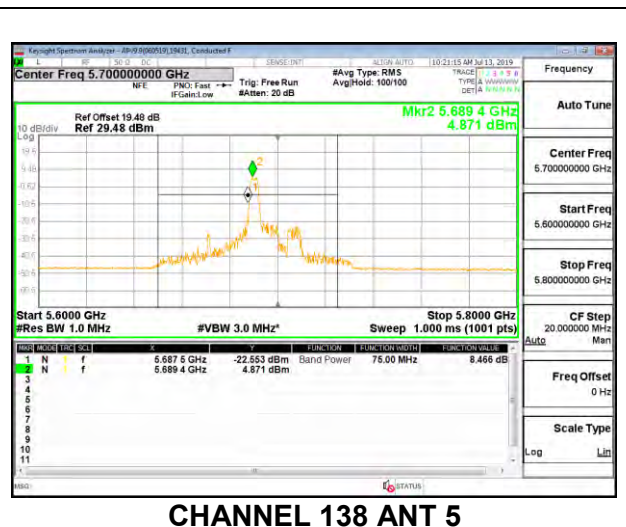
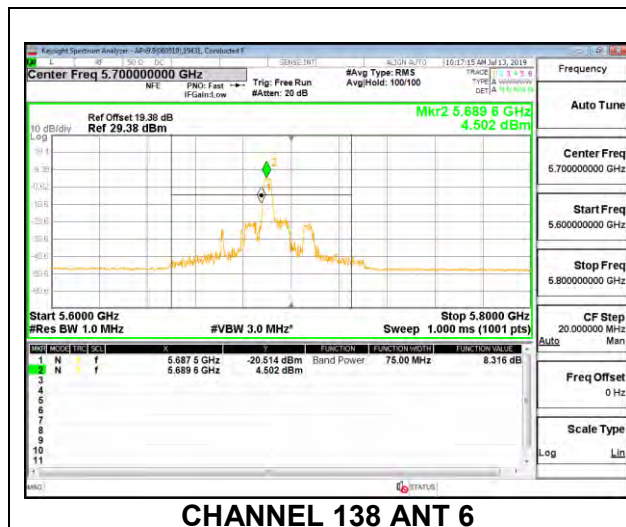
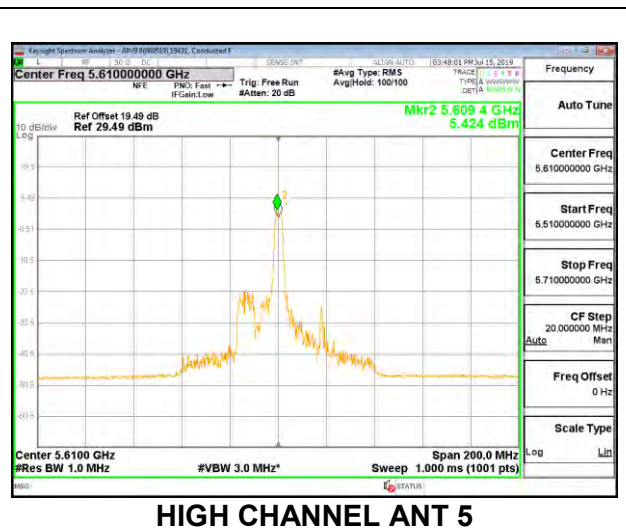
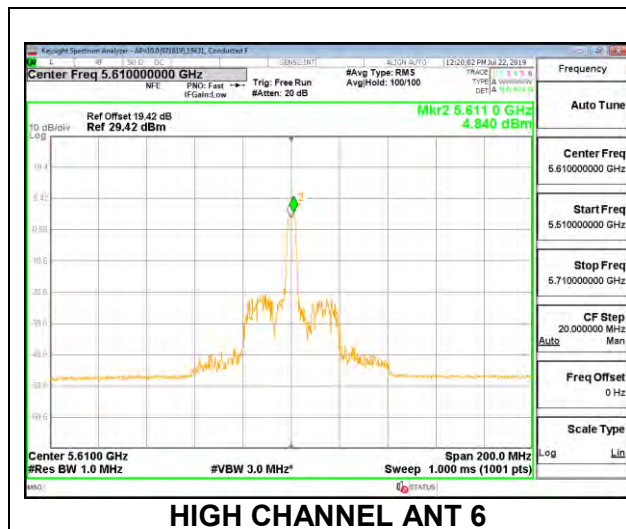
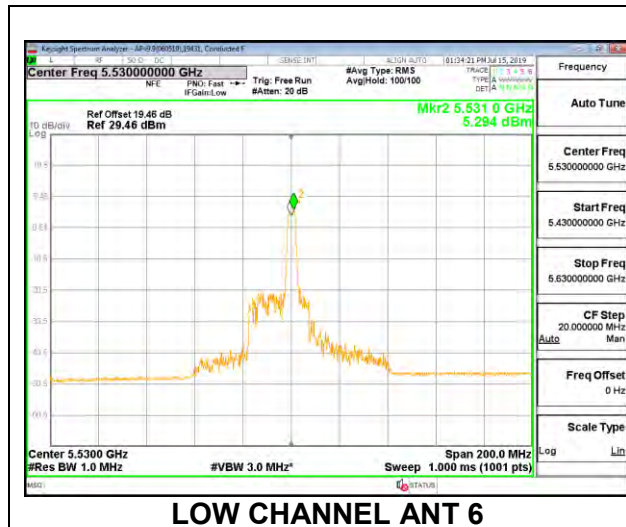
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	5530	8.69	8.66	11.69	24.00	-12.31
High	5610	8.68	8.69	11.70	24.00	-12.30
138	5690	8.89	8.90	11.91	24.00	-12.09

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	5530	5.294	5.244	8.279	11.00	-2.72
High	5610	4.840	5.424	8.152	11.00	-2.85
138	5690	4.502	4.871	7.701	11.00	-3.30



2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 36

Bandwidth and Antenna Gain

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)
Low	5530	23.60	18.564	-3.24	-0.48
High	5610	21.00	18.552	-3.24	-0.48
138	5690	19.20	18.676	-3.24	-0.48

Limits

Channel	Frequency (MHz)	FCC Power Limit (dBm)	ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Power Limit (dBm)	FCC PSD Limit (dBm/ 1MHz)	ISED PSD Limit (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)
Low	5530	24.00	23.69	29.69	23.69	11.00	11.00	11.00
High	5610	24.00	23.68	29.68	23.68	11.00	11.00	11.00
138	5690	23.83	23.71	29.71	23.71	11.00	11.00	11.00

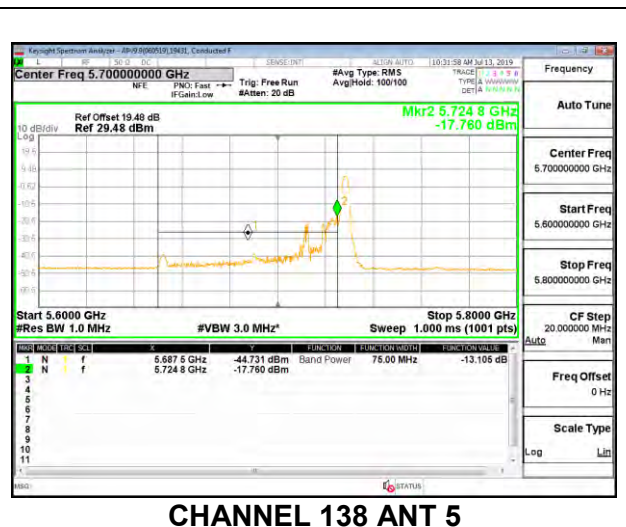
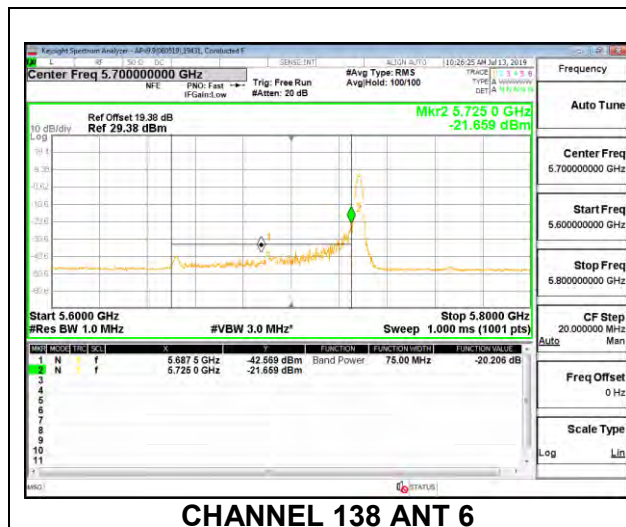
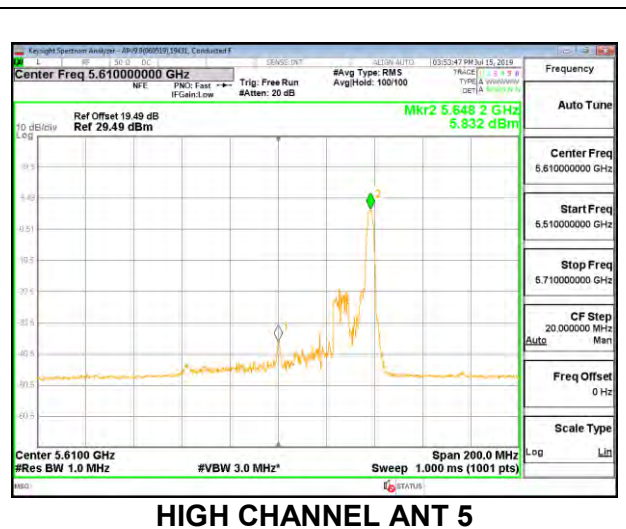
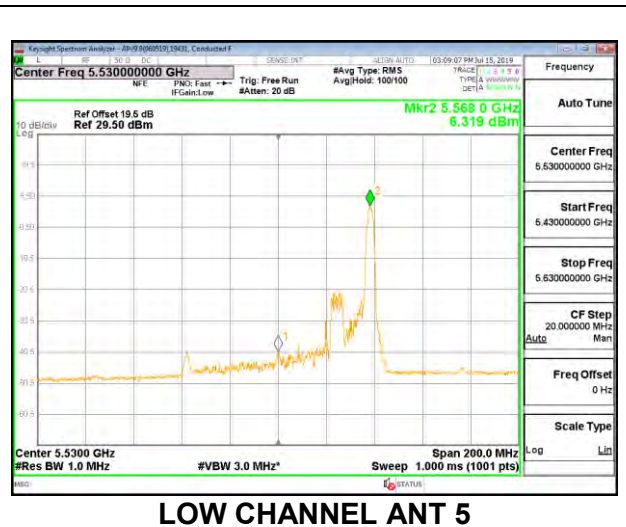
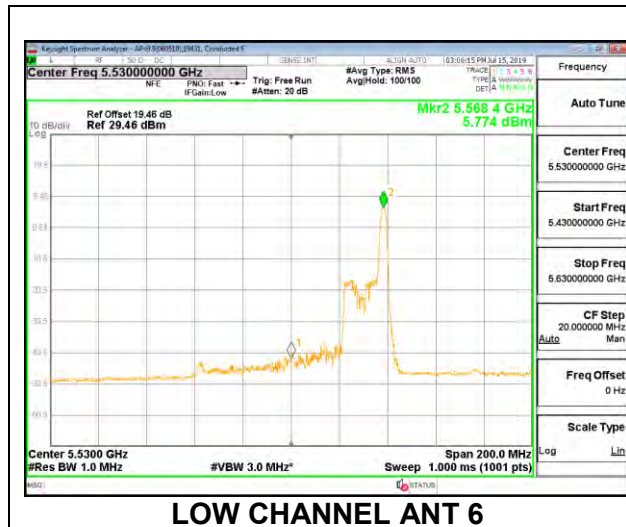
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

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	5530	8.63	8.77	11.71	23.69	-11.98
High	5610	8.75	8.64	11.71	23.68	-11.98
138	5690	8.69	8.74	11.73	23.71	-11.99

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	5530	5.774	6.319	9.065	11.00	-1.93
High	5610	6.011	5.832	8.933	11.00	-2.07
138	5690	-21.659	-17.760	-16.276	11.00	-27.28



8.5.19. 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
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

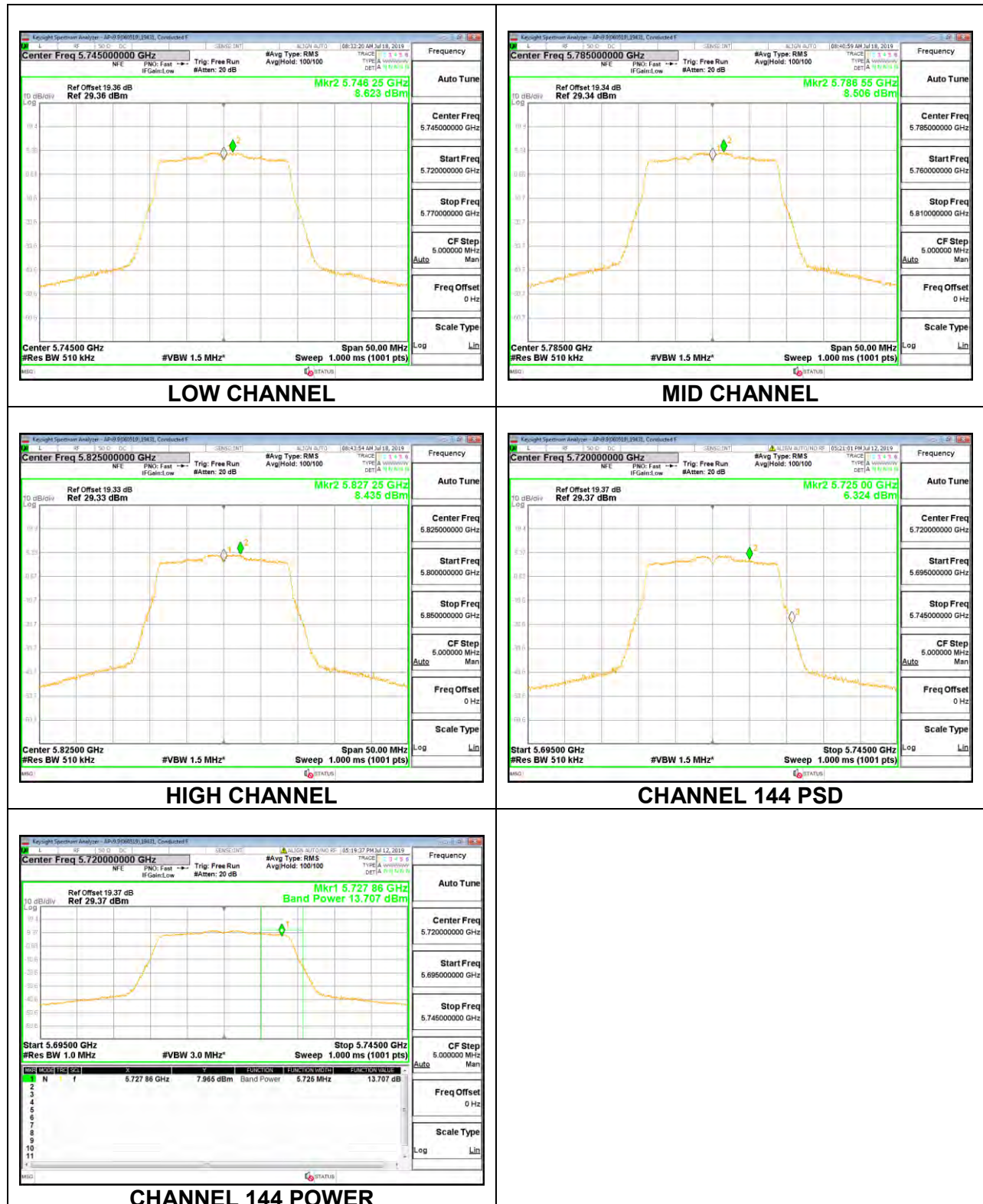
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd Power & PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	21.22	21.22	30.00	-8.78
Mid	5785	21.20	21.20	30.00	-8.80
High	5825	21.17	21.17	30.00	-8.83
144	5720	13.71	13.71	30.00	-16.29

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5745	8.623	8.623	30.00	-21.38
Mid	5785	8.506	8.506	30.00	-21.49
High	5825	8.435	8.435	30.00	-21.57
144	5720	6.324	6.324	30.00	-23.68



1TX Antenna 5 MODE

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	FCC/ISED PSD Limit (dBm/ 500KHz)
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

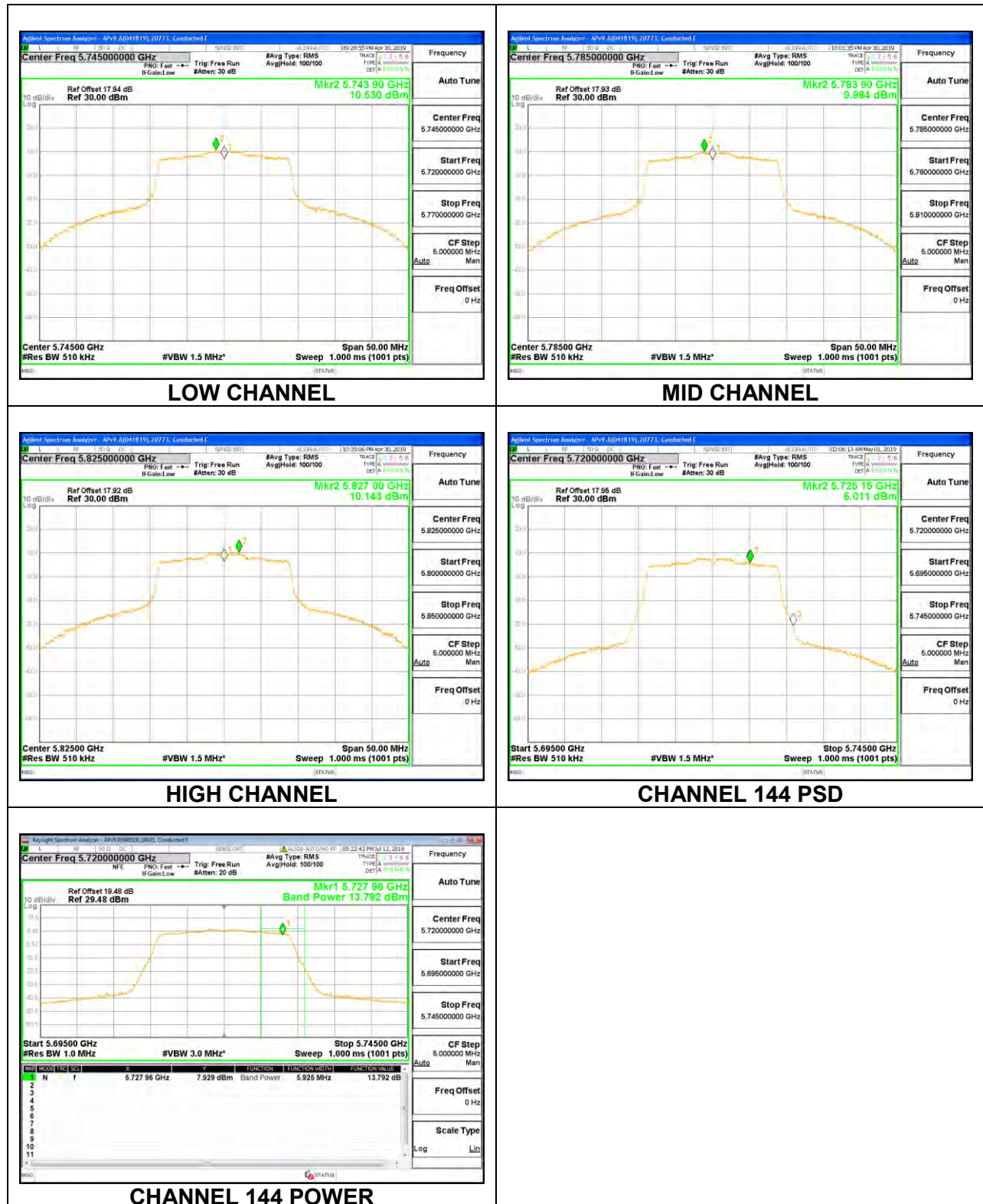
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Output Power Results

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	21.19	21.19	30.00	-8.81
High	5825	21.21	21.21	30.00	-8.79
144	5720	13.79	13.79	30.00	-16.21

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5745	10.530	10.530	30.00	-19.47
Mid	5785	9.984	9.984	30.00	-20.02
High	5825	10.143	10.143	30.00	-19.86
144	5720	6.011	6.011	30.00	-23.99



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	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	21.11	21.17	24.15	30.00	-5.85
Mid	5785	21.16	21.18	24.18	30.00	-5.82
High	5825	21.19	21.25	24.23	30.00	-5.77
144	5720	10.30	10.47	13.39	30.00	-16.61

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	5745	8.286	8.431	11.369	30.00	-18.63
Mid	5785	8.402	8.458	11.440	30.00	-18.56
High	5825	8.540	9.014	11.794	30.00	-18.21
144	5720	2.715	2.715	5.725	30.00	-24.27