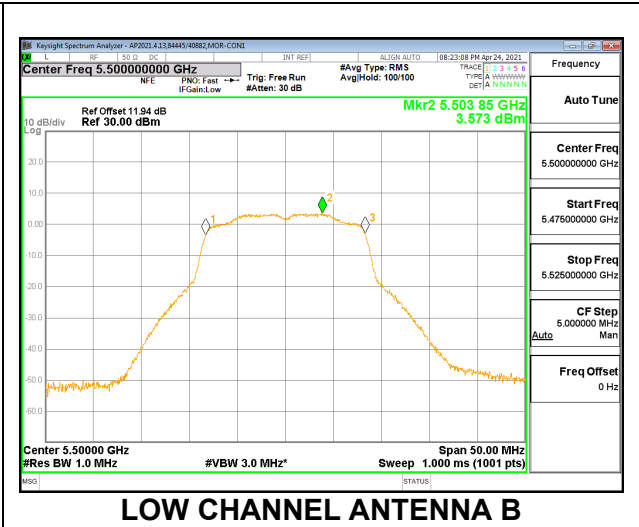
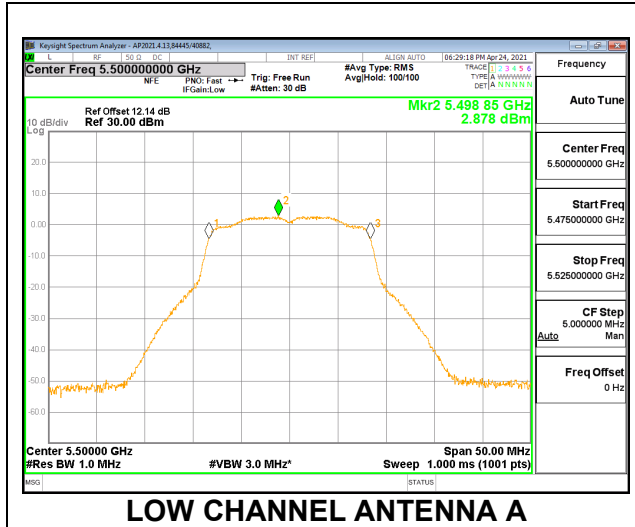
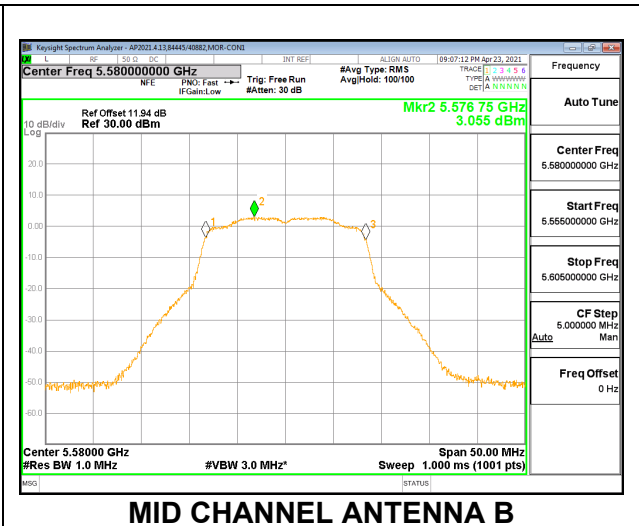
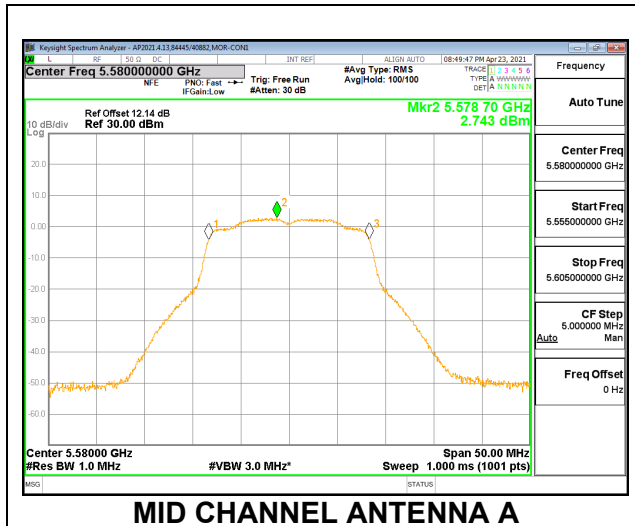


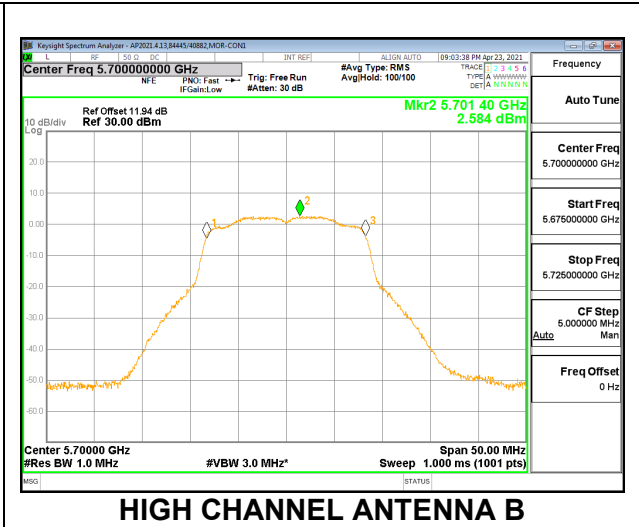
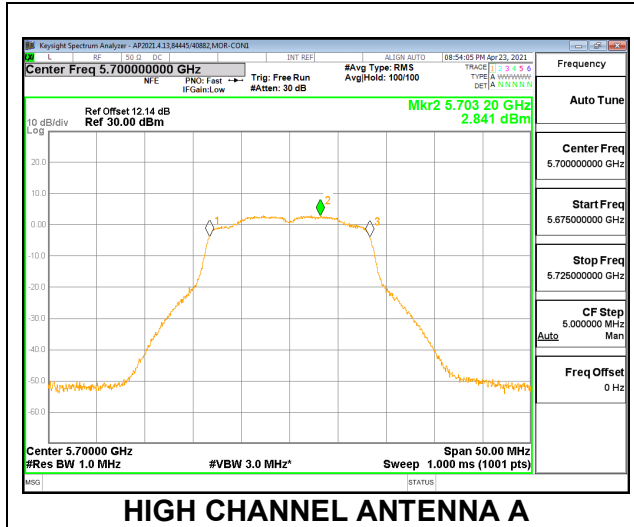
LOW CHANNEL



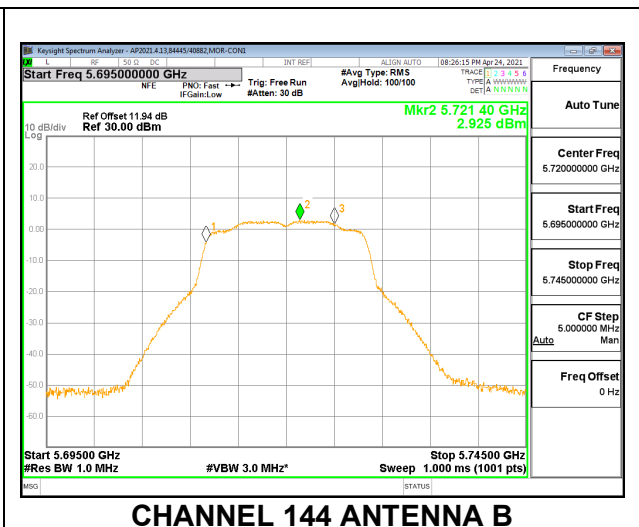
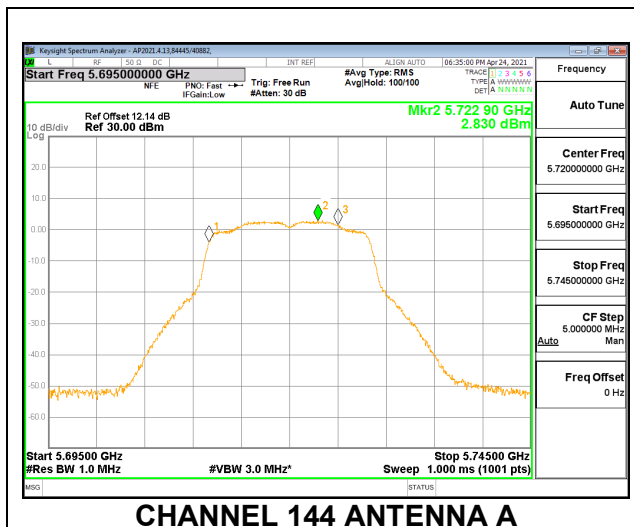
MID CHANNEL



HIGH CHANNEL



CHANNEL 144



9.4.2. 802.11n HT20 MODE IN THE 5.6 GHz BAND

1TX Antenna A MODE (FCC)

Test Engineer:	84445/40882
Test Date:	4/22/2021-4/24/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5500	24.80	6.40	23.60	10.60
Low	5520	24.55	6.40	23.60	10.60
Mid	5580	24.60	6.40	23.60	10.60
High	5680	24.35	6.40	23.60	10.60
High	5700	25.05	6.40	23.60	10.60
144	5720	17.40	6.40	23.01	10.60

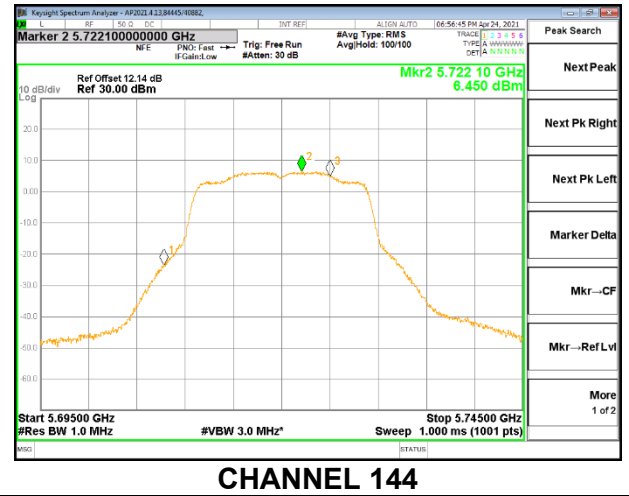
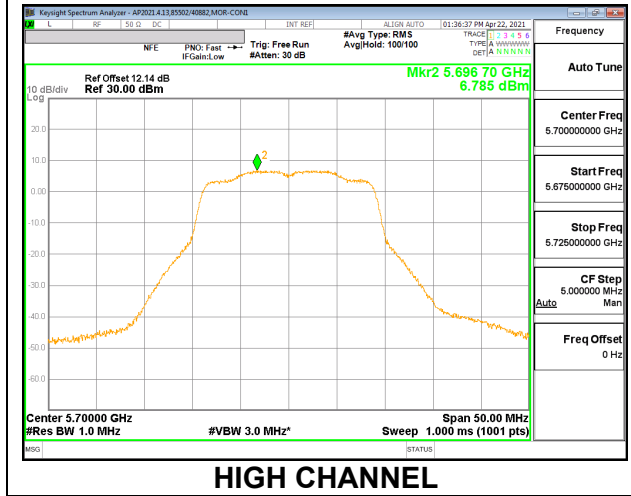
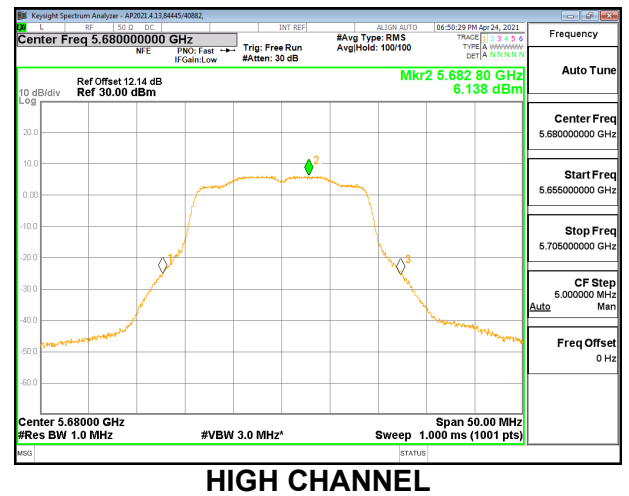
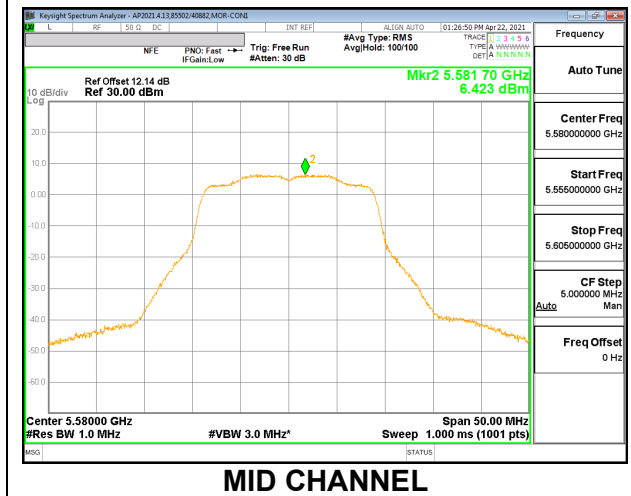
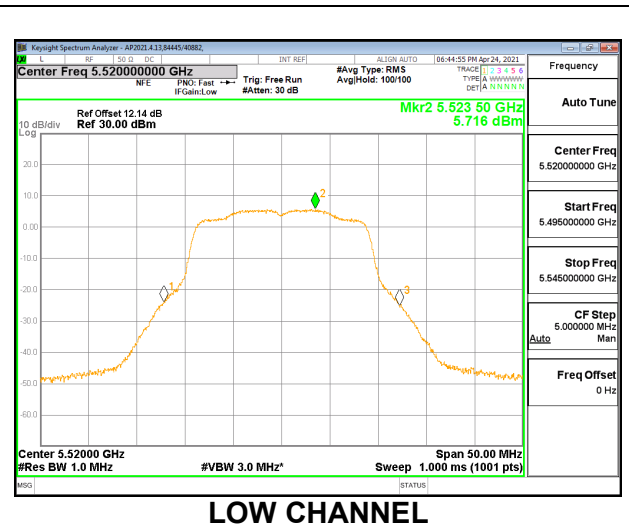
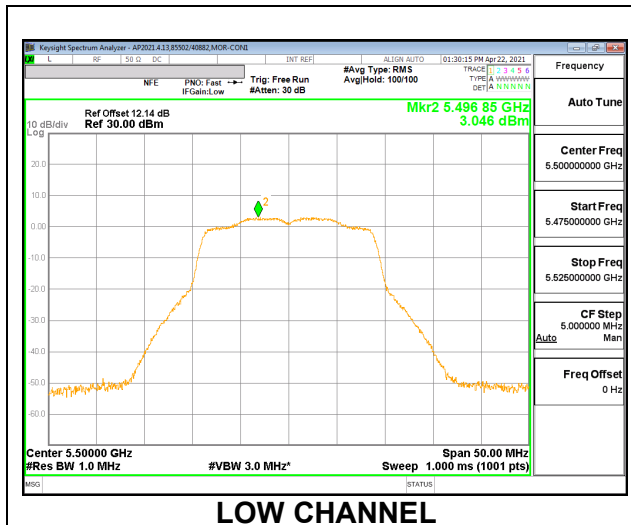
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	16.07	16.07	23.60	-7.53
Low	5520	19.19	19.19	23.60	-4.41
Mid	5580	19.40	19.40	23.60	-4.20
High	5680	19.23	19.23	23.60	-4.37
High	5700	17.28	17.28	23.60	-6.32
144	5720	18.67	18.67	23.01	-4.34

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	3.046	3.046	10.60	-7.55
Low	5520	5.716	5.716	10.60	-4.88
Mid	5580	6.423	6.423	10.60	-4.18
High	5680	6.138	6.138	10.60	-4.46
High	5700	6.785	6.785	10.60	-3.82
144	5720	6.450	6.450	10.60	-4.15



1TX Antenna A MODE (IC)

Test Engineer:	84445/40882
Test Date:	4/22/2021-4/24/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5500	17.755	6.40	23.09	10.60
Low	5520	17.731	6.40	23.09	10.60
Mid	5580	17.790	6.40	23.10	10.60
High	5680	17.669	6.40	23.07	10.60
High	5700	17.765	6.40	23.10	10.60
144	5720	13.874	6.40	22.02	10.60

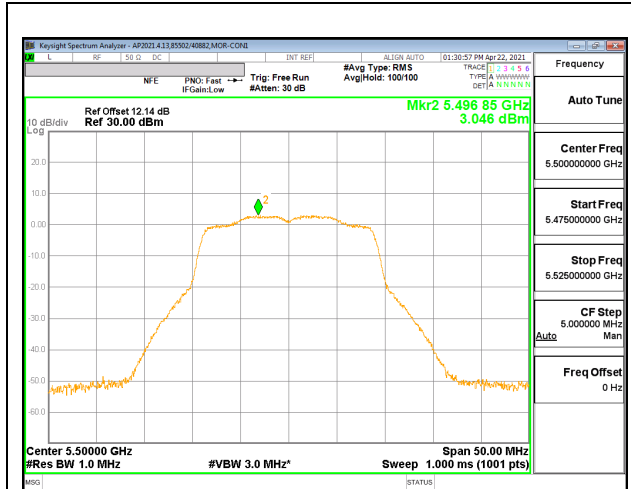
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

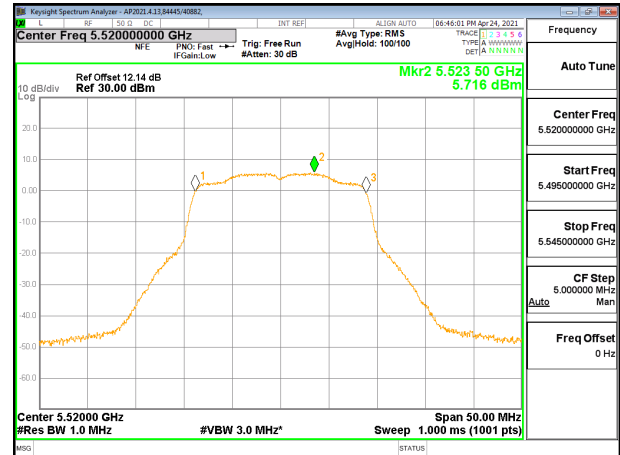
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	16.07	16.07	23.09	-7.02
Low	5520	19.19	19.19	23.09	-3.90
Mid	5580	19.40	19.40	23.10	-3.70
High	5680	19.23	19.23	23.07	-3.84
High	5700	17.28	17.28	23.10	-5.82
144	5720	18.67	18.67	22.02	-3.35

PSD Results

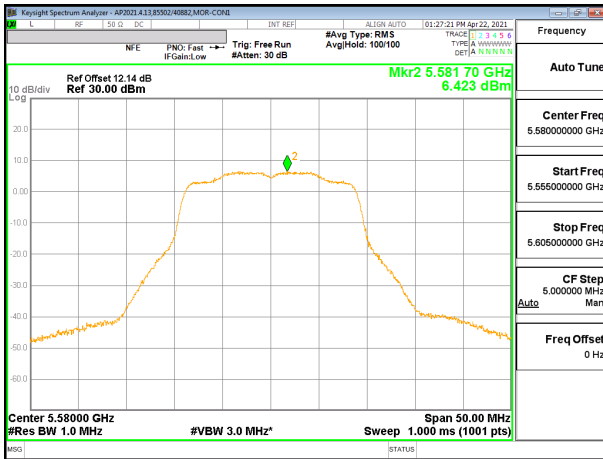
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	3.046	3.046	10.60	-7.55
Low	5520	5.716	5.716	10.60	-4.88
Mid	5580	6.423	6.423	10.60	-4.18
High	5680	6.138	6.138	10.60	-4.46
High	5700	6.785	6.785	10.60	-3.82
144	5720	6.450	6.450	10.60	-4.15



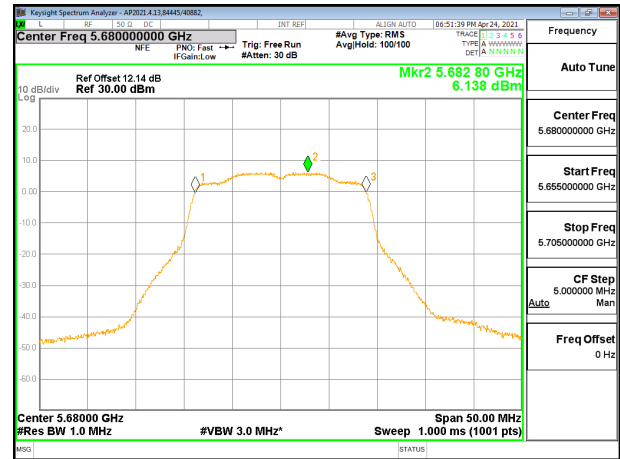
LOW CHANNEL



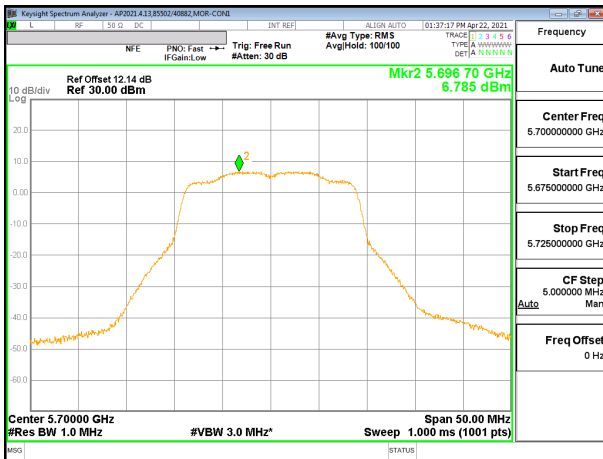
LOW CHANNEL



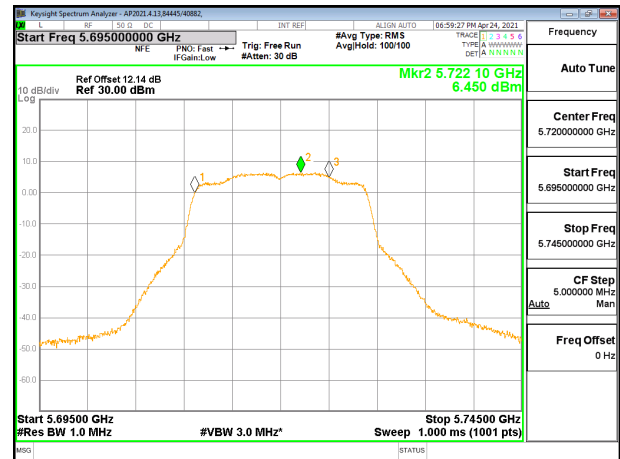
MID CHANNEL



HIGH CHANNEL



HIGH CHANNEL



CHANNEL 144

1TX Antenna B MODE (FCC)

Test Engineer:	85502/40882
Test Date:	4/22/2021-4/24/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5500	23.95	6.9	23.10	10.10
Mid	5580	24.20	6.9	23.10	10.10
High	5700	23.90	6.9	23.10	10.10
144	5720	17.30	6.90	22.48	10.10

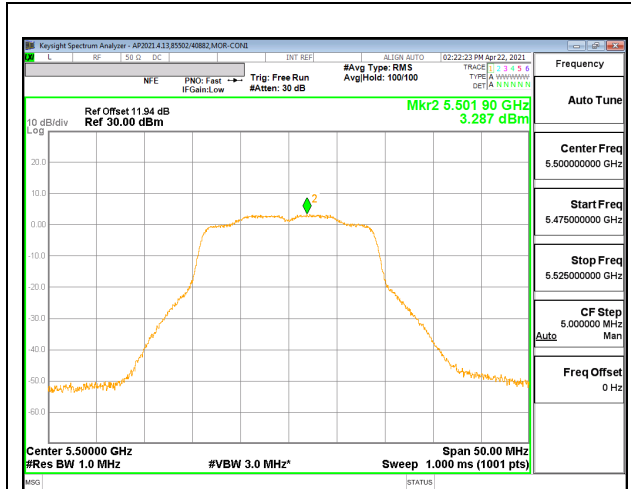
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

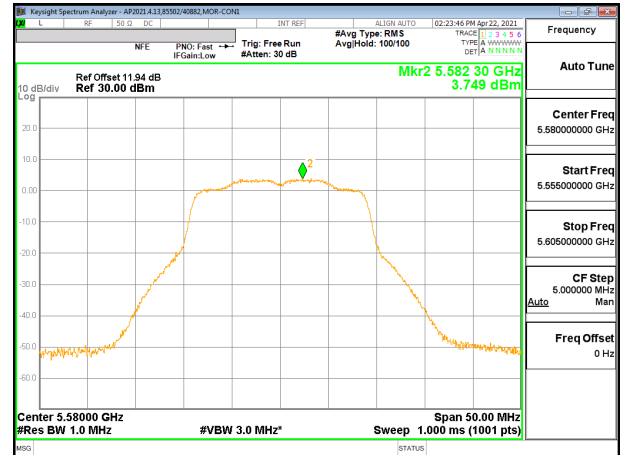
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	16.28	16.28	23.10	-6.82
Mid	5580	16.42	16.42	23.10	-6.68
High	5700	15.84	15.84	23.10	-7.26
144	5720	15.96	15.96	22.48	-6.52

PSD Results

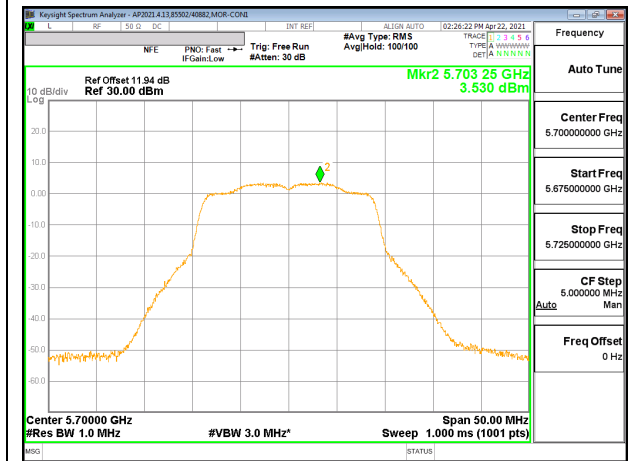
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	3.287	3.287	10.10	-6.81
Mid	5580	3.749	3.749	10.10	-6.35
High	5700	3.530	3.530	10.10	-6.57
144	5720	3.658	3.658	10.10	-6.44



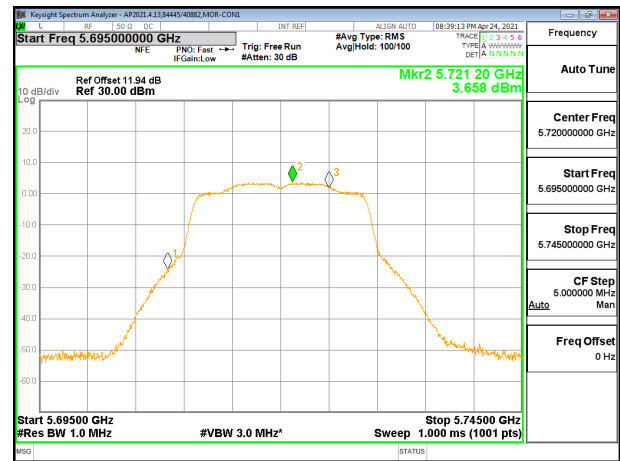
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



CHANNEL 144

1TX Antenna B MODE (IC)

Test Engineer:	85502/40882
Test Date:	4/22/2021- 4/24/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5500	17.778	6.90	22.60	10.10
Mid	5580	17.782	6.90	22.60	10.10
High	5700	17.762	6.90	22.59	10.10
144	5720	13.873	6.90	21.52	10.10

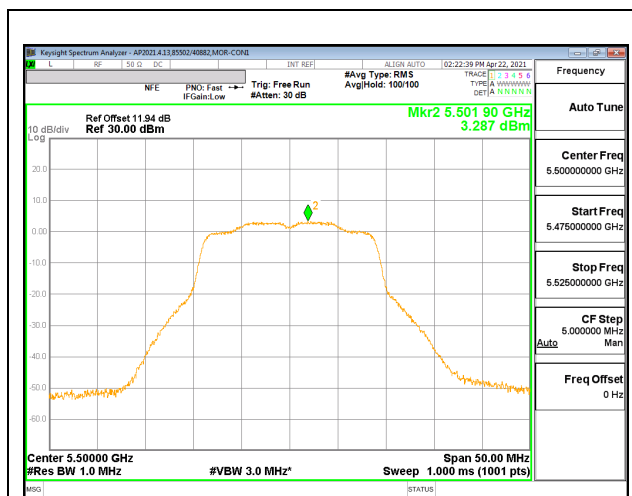
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

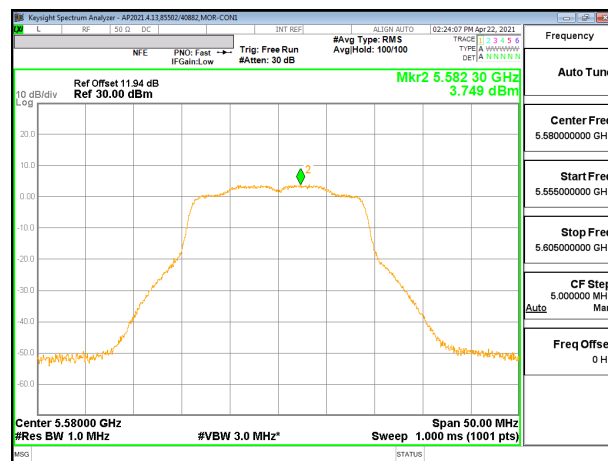
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	16.28	16.28	22.60	-6.32
Mid	5580	16.42	16.42	22.60	-6.18
High	5700	15.84	15.84	22.59	-6.75
144	5720	15.96	15.96	21.52	-5.56

PSD Results

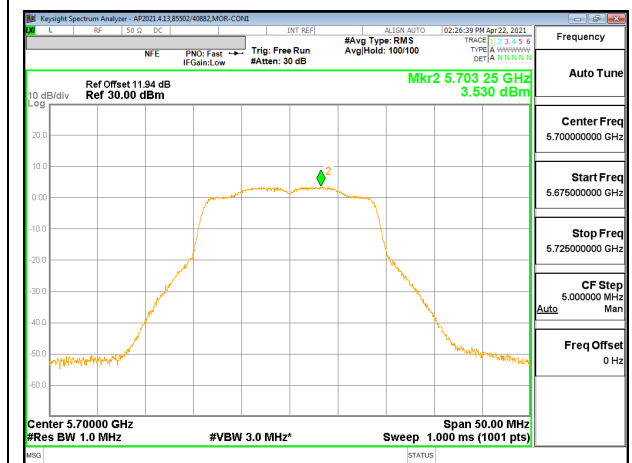
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	3.287	3.287	10.10	-6.81
Mid	5580	3.749	3.749	10.10	-6.35
High	5700	3.530	3.530	10.10	-6.57
144	5720	3.658	3.658	10.10	-6.44



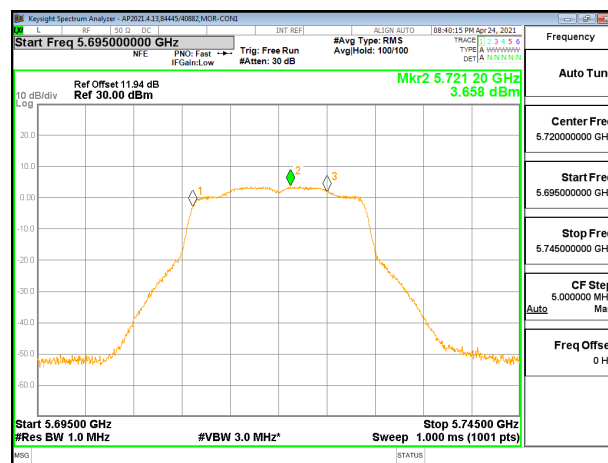
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



CHANNEL 144

2TX Antenna A + Antenna B SDM MODE (FCC)

Test Engineer:	85502/40882
Test Date:	4/22/2021-4/24/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5500	23.95	6.66	6.66	23.34	10.34
Low	5520	24.55	6.66	6.66	23.34	10.34
Mid	5580	24.20	6.66	6.66	23.34	10.34
High	5680	23.95	6.66	6.66	23.34	10.34
High	5700	23.90	6.66	6.66	23.34	10.34
144	5720	17.30	6.66	6.66	22.72	10.34

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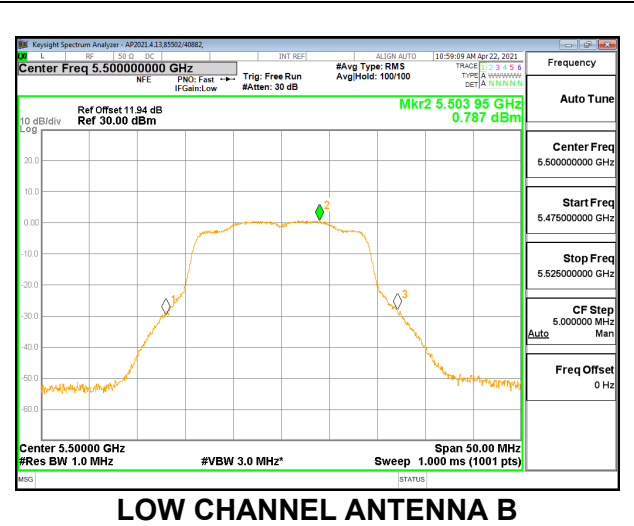
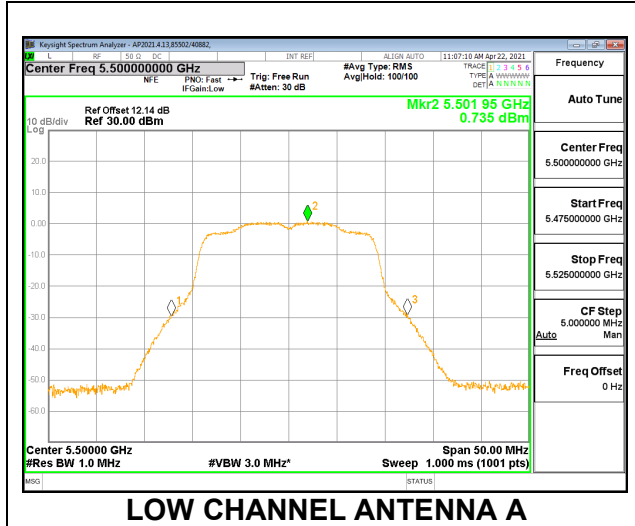
Output Power Results

Channel	Frequency (MHz)	Antenna Meas Power (dBm)	Antenna B Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	14.11	14.26	17.20	23.34	-6.14
Low	5520	15.15	15.30	18.24	23.34	-5.10
Mid	5580	15.36	15.37	18.38	23.34	-4.96
High	5680	15.32	14.85	18.10	23.34	-5.24
High	5700	14.30	13.79	17.06	23.34	-6.28
144	5720	14.75	14.67	17.72	22.72	-5.00

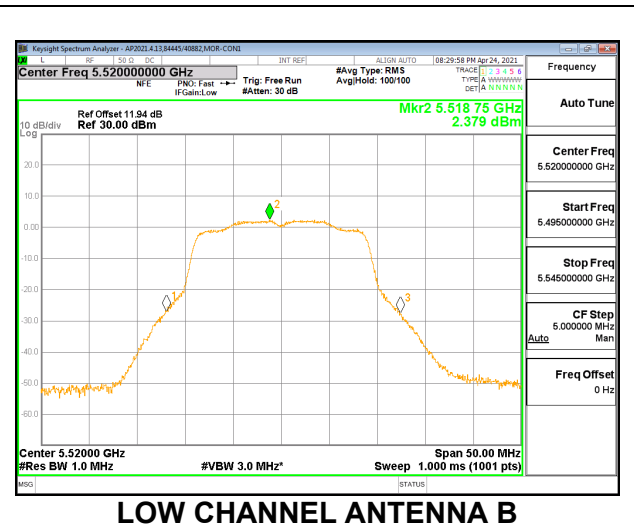
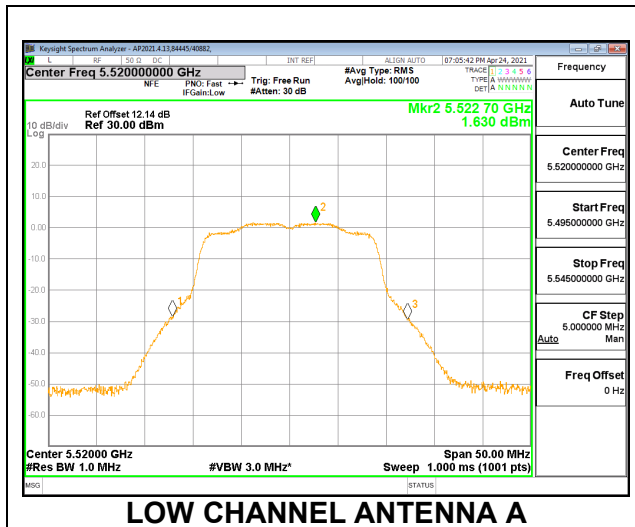
PSD Results

Channel	Frequency (MHz)	Antenna A Meas PSD (dBm/ 1MHz)	Antenna B Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	0.735	0.787	3.77	10.34	-6.57
Low	5520	1.630	2.379	5.03	10.34	-5.31
Mid	5580	1.733	2.078	4.92	10.34	-5.42
High	5700	2.430	2.325	5.39	10.34	-4.95
144	5720	2.712	2.566	5.65	10.34	-4.69

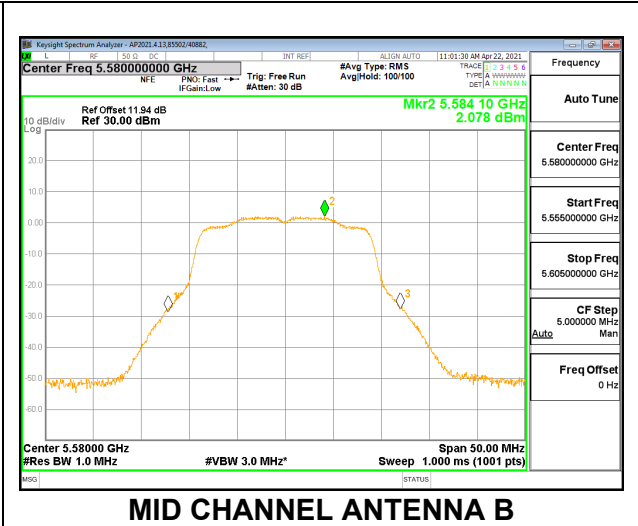
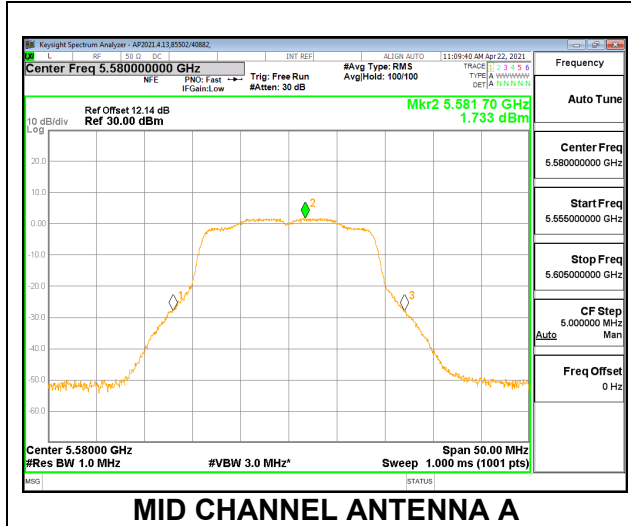
LOW CHANNEL



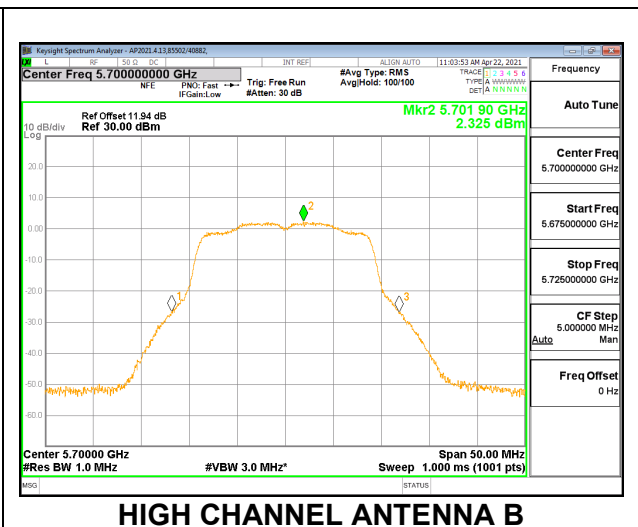
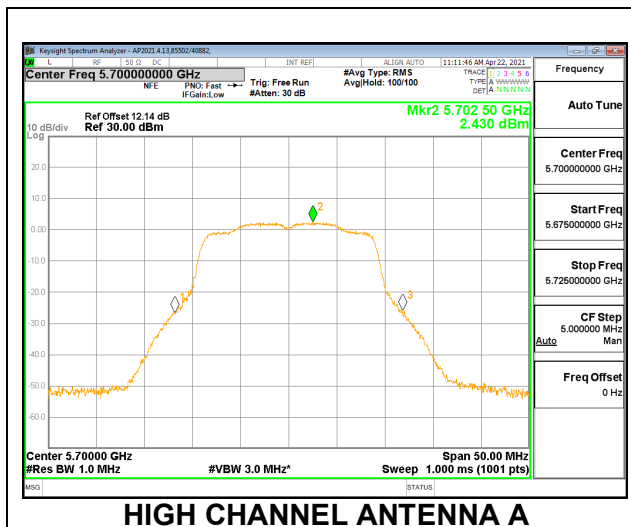
LOW CHANNEL



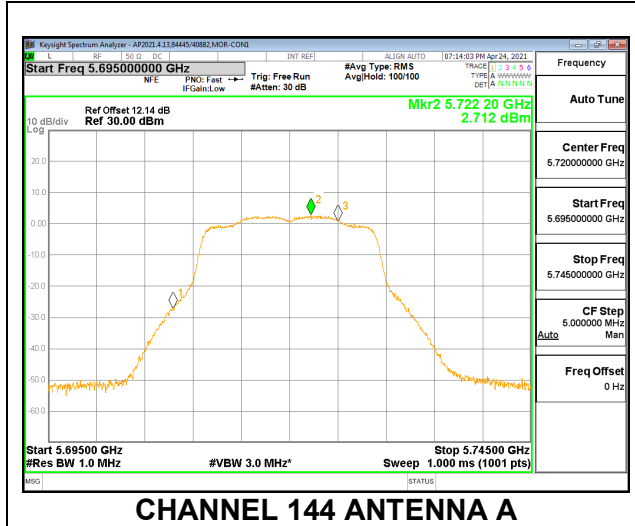
MID CHANNEL



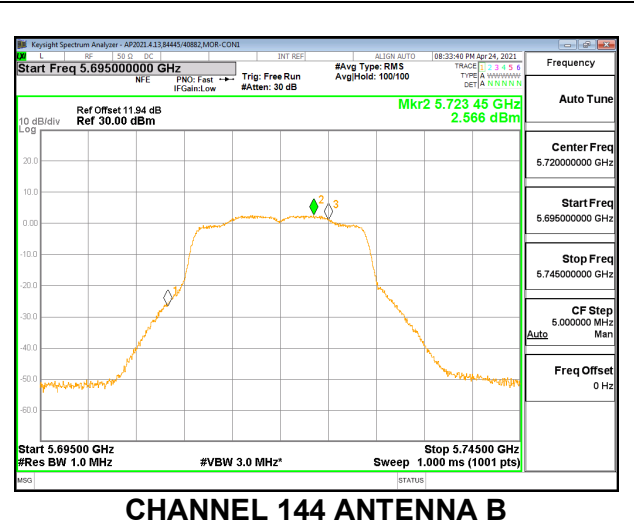
HIGH CHANNEL



CHANNEL 144



CHANNEL 144 ANTENNA A



CHANNEL 144 ANTENNA B

2TX Antenna A + Antenna B SDM MODE (IC)

Test Engineer:	85502/40882
Test Date:	4/22/2021-4/24/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5500	17.755	6.66	6.66	22.83	10.34
Low	5520	17.731	6.66	6.66	22.83	10.34
Mid	5580	17.782	6.66	6.66	22.84	10.34
High	5680	17.669	6.66	6.66	22.81	10.34
High	5700	17.762	6.66	6.66	22.83	10.34
144	5720	13.873	6.66	6.66	21.76	10.34

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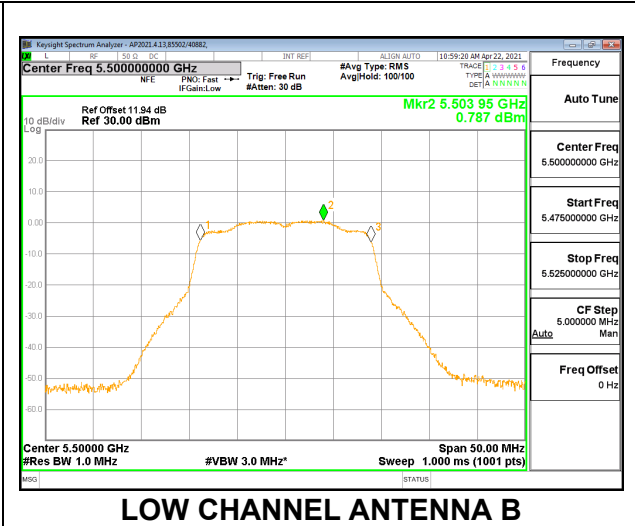
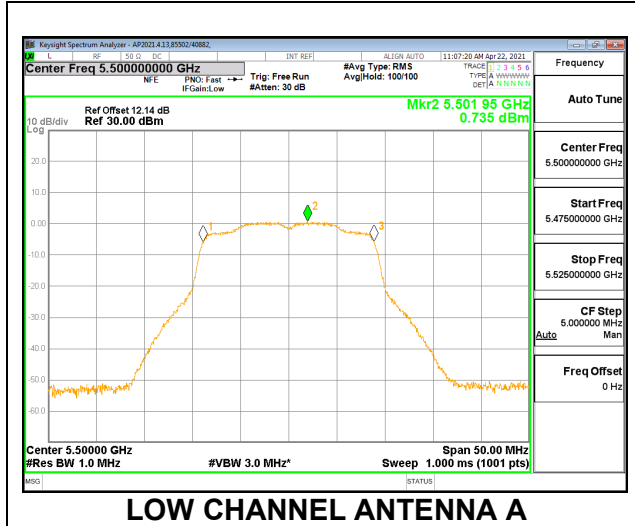
Output Power Results

Channel	Frequency (MHz)	Antenna Meas Power (dBm)	Antenna B Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	14.11	14.26	17.20	22.83	-5.64
Low	5520	15.15	15.30	18.24	22.83	-4.59
Mid	5580	15.36	15.37	18.38	22.84	-4.46
High	5680	15.32	14.85	18.10	22.81	-4.71
High	5700	14.30	13.79	17.06	22.83	-5.77
144	5720	14.75	14.67	17.72	21.76	-4.04

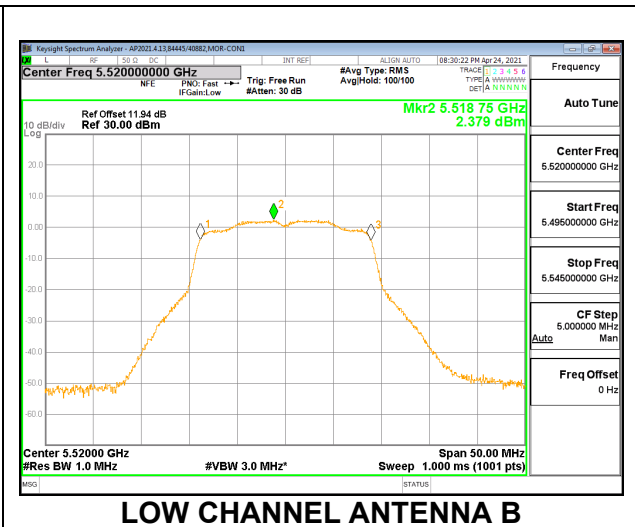
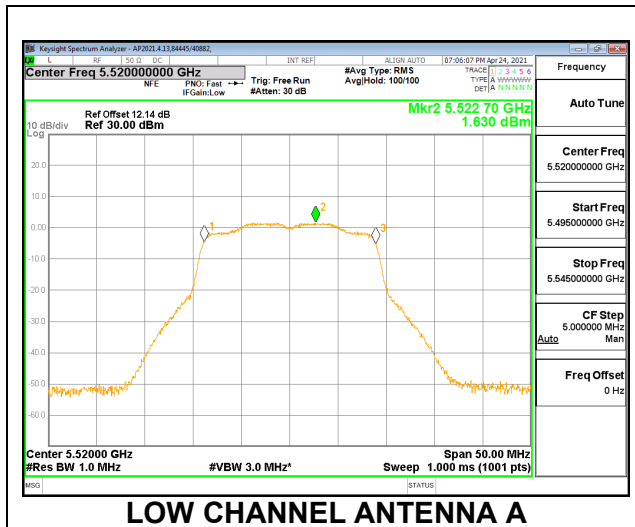
PSD Results

Channel	Frequency (MHz)	Antenna A Meas PSD (dBm/ 1MHz)	Antenna B Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	0.735	0.787	3.77	10.34	-6.57
Low	5520	1.630	2.379	5.03	10.34	-5.31
Mid	5580	1.733	2.078	4.92	10.34	-5.42
High	5700	2.430	2.325	5.39	10.34	-4.95
144	5720	2.712	2.566	5.65	10.34	-4.69

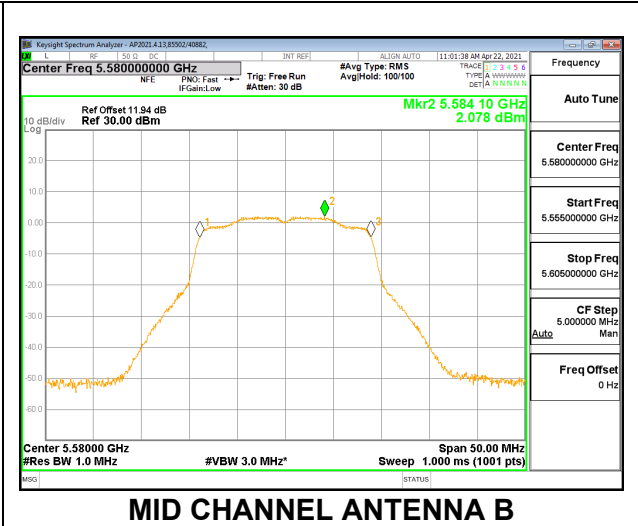
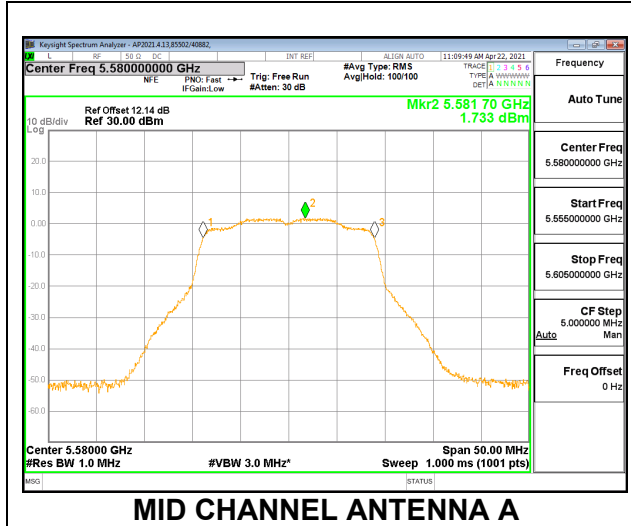
LOW CHANNEL



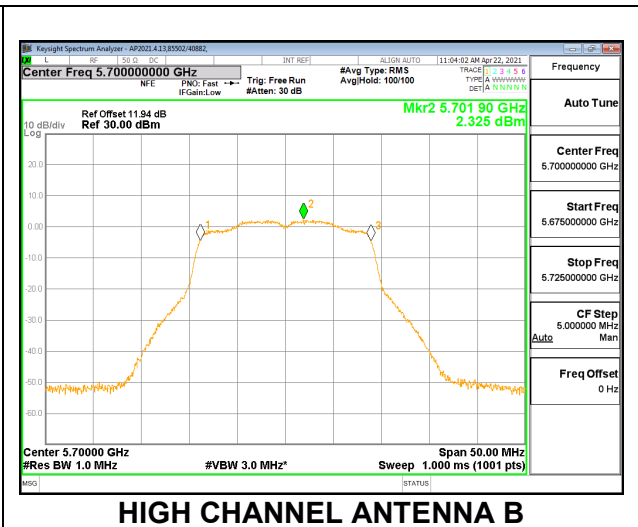
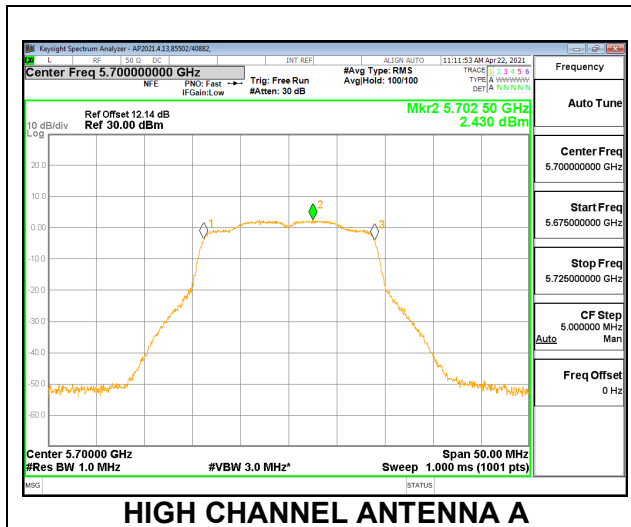
LOW CHANNEL



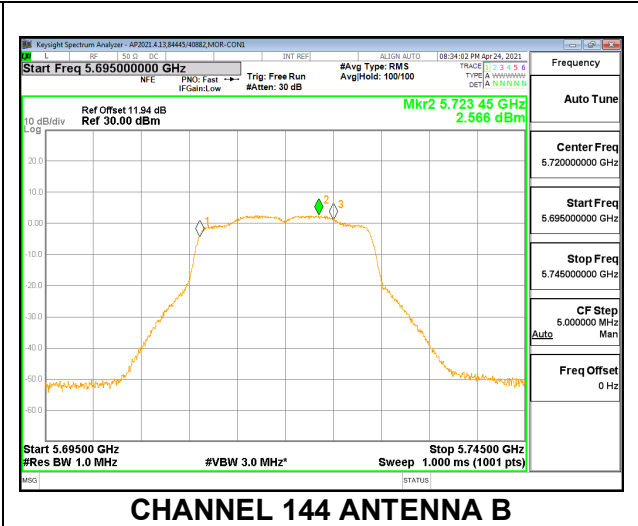
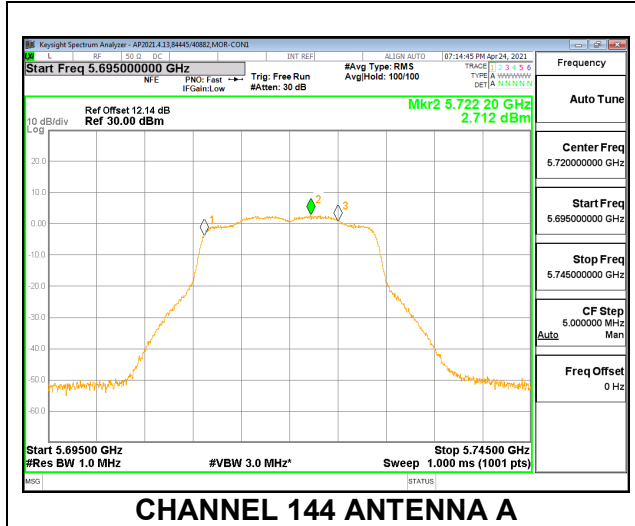
MID CHANNEL



HIGH CHANNEL



CHANNEL 144



9.4.3. 802.11n HT40 MODE IN THE 5.6 GHz BAND

1TX Antenna A MODE (FCC)

Test Engineer:	85502/40882
Test Date:	4/22/2021-4/24/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	40.10	6.40	23.60	10.60
Mid	5550	40.30	6.40	23.60	10.60
Mid	5630	40.00	6.40	23.60	10.60
High	5670	40.70	6.40	23.60	10.60
142	5710	37.60	6.40	23.60	10.60

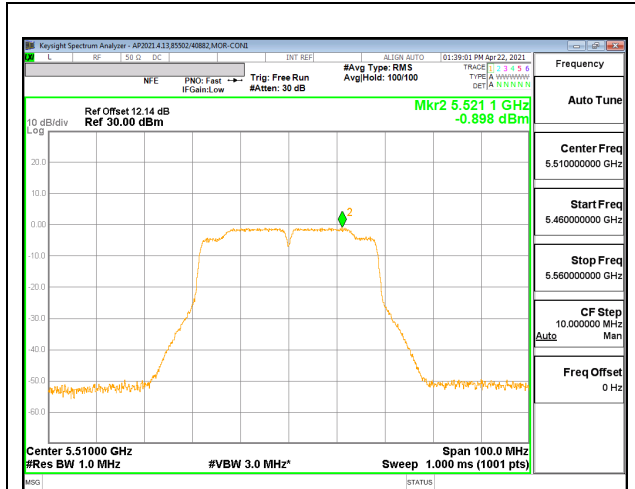
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

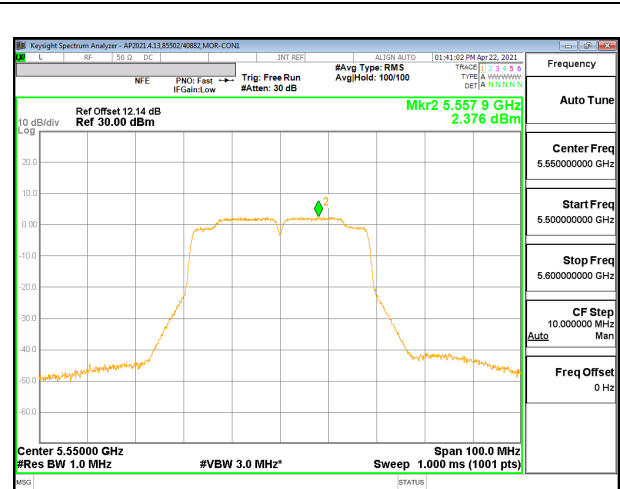
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.28	15.28	23.60	-8.32
Mid	5550	18.48	18.48	23.60	-5.12
Mid	5630	18.29	18.29	23.60	-5.31
High	5670	16.41	16.41	23.60	-7.19
142	5710	18.89	18.89	23.60	-4.71

PSD Results

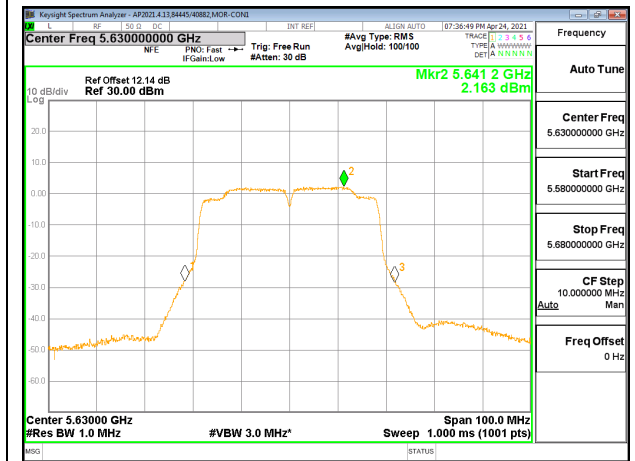
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	-0.898	-0.898	10.60	-11.50
Mid	5550	2.376	2.376	10.60	-8.22
Mid	5630	2.163	2.163	10.60	-8.44
High	5670	0.535	0.535	10.60	-10.07
142	5710	3.765	3.765	10.60	-6.84



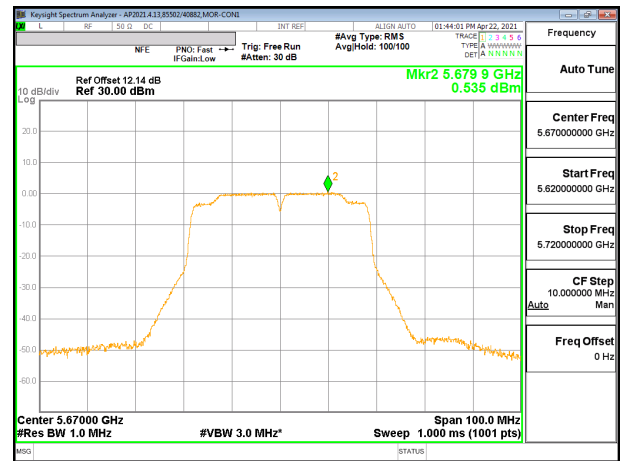
LOW CHANNEL



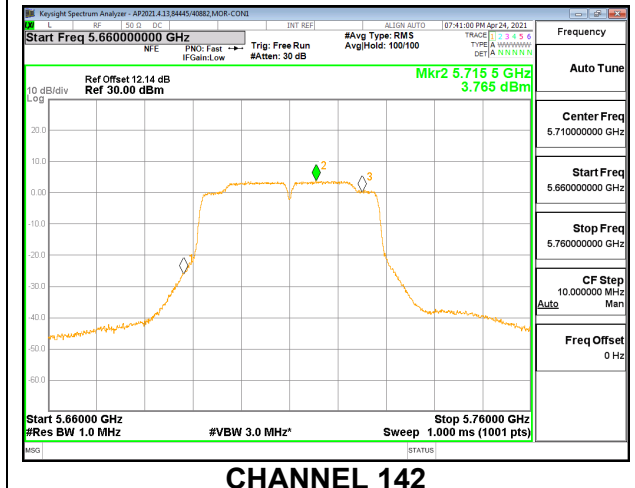
MID CHANNEL



MID CHANNEL



HIGH CHANNEL



CHANNEL 142

1TX Antenna A MODE (IC)

Test Engineer:	85502/40882
Test Date:	4/22/2021-4/24/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	36.108	6.40	23.60	10.60
Mid	5550	35.992	6.40	23.60	10.60
Mid	5630	35.981	6.40	23.60	10.60
High	5670	36.036	6.40	23.60	10.60
142	5710	33.021	6.40	23.60	10.60

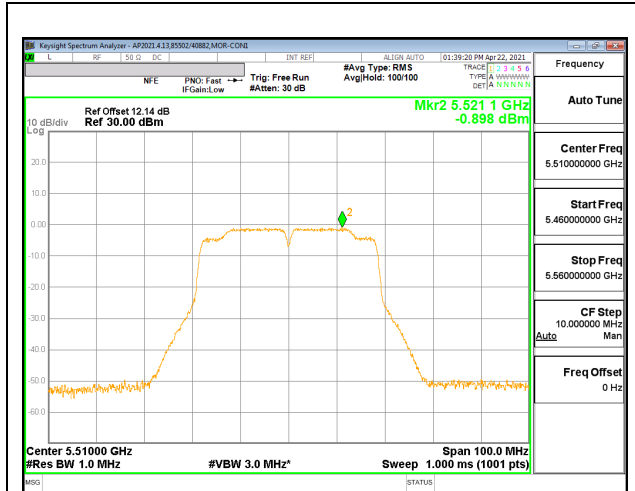
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

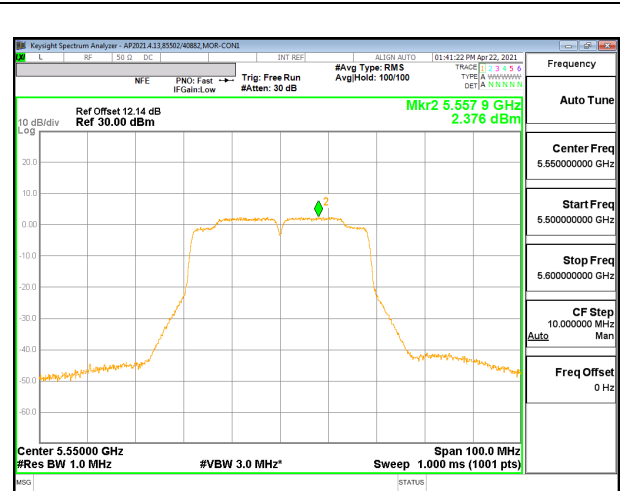
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.28	15.28	23.60	-8.32
Mid	5550	18.48	18.48	23.60	-5.12
Mid	5630	18.29	18.29	23.60	-5.31
High	5670	16.41	16.41	23.60	-7.19
142	5710	18.89	18.89	23.60	-4.71

PSD Results

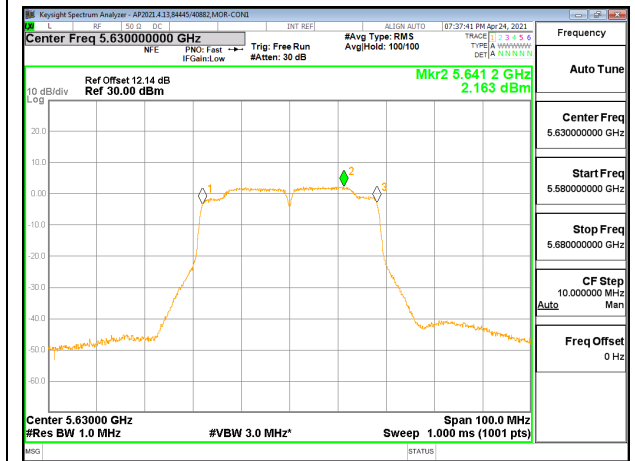
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	-0.898	-0.898	10.60	-11.50
Mid	5550	2.376	2.376	10.60	-8.22
Mid	5630	2.163	2.163	10.60	-8.44
High	5670	0.535	0.535	10.60	-10.07
142	5710	3.765	3.765	10.60	-6.84



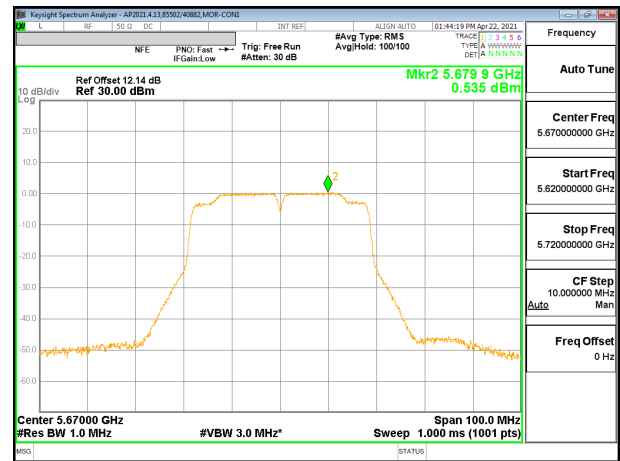
LOW CHANNEL



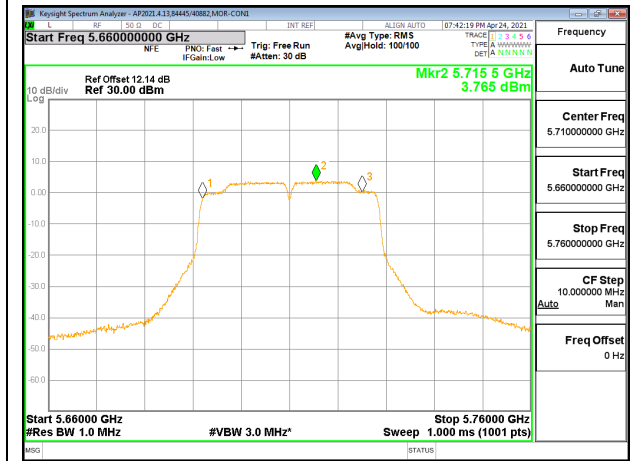
MID CHANNEL



MID CHANNEL



HIGH CHANNEL



CHANNEL 142

1TX Antenna B MODE (FCC)

Test Engineer:	85502/40882
Test Date:	4/22/2021-4/24/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	40.30	6.90	23.10	10.10
Mid	5550	39.50	6.90	23.10	10.10
Mid	5630	39.80	6.90	23.10	10.10
High	5670	39.70	6.90	23.10	10.10
142	5710	36.10	6.90	23.10	10.10

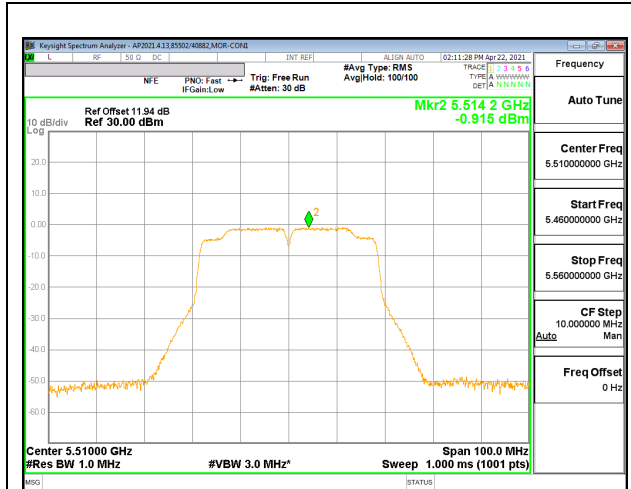
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

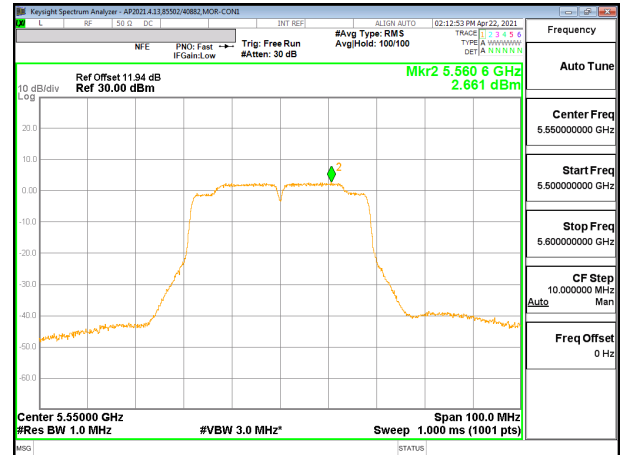
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.48	15.48	23.10	-7.62
Mid	5550	18.46	18.46	23.10	-4.64
Mid	5630	18.13	18.13	23.10	-4.97
High	5670	16.08	16.08	23.10	-7.02
142	5710	18.55	18.55	23.10	-4.55

PSD Results

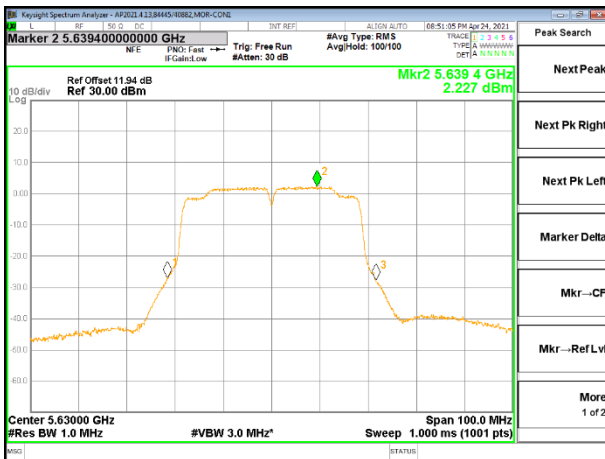
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	-0.915	-0.915	10.10	-11.02
Mid	5550	2.661	2.661	10.10	-7.44
Mid	5630	2.227	2.227	10.10	-7.87
High	5670	0.512	0.512	10.10	-9.59
142	5710	3.406	3.406	10.10	-6.69



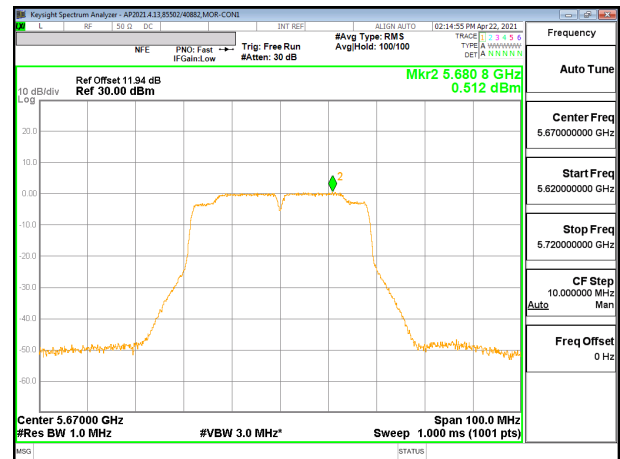
LOW CHANNEL



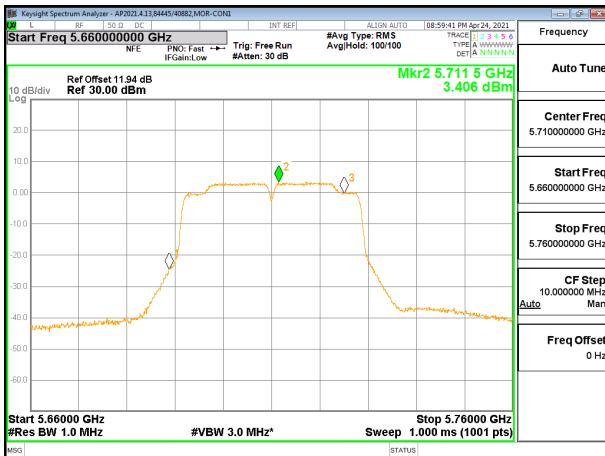
MID CHANNEL



MID CHANNEL



HIGH CHANNEL



CHANNEL 142

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1TX Antenna B MODE (IC)

Test Engineer:	85502/40882
Test Date:	4/22/2021-4/24/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	36.153	6.90	23.10	10.10
Mid	5550	36.071	6.90	23.10	10.10
Mid	5630	36.144	6.90	23.10	10.10
High	5670	35.998	6.90	23.10	10.10
142	5710	33.008	6.90	23.10	10.10

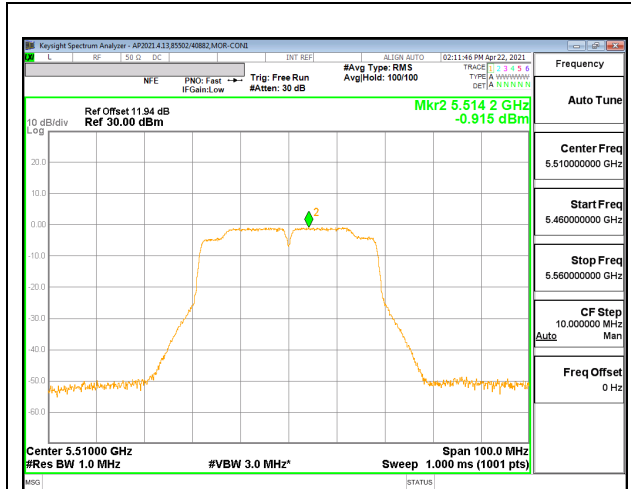
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

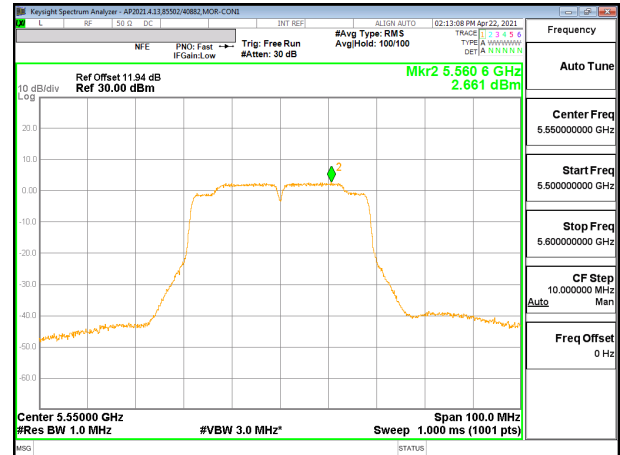
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	15.48	15.48	23.10	-7.62
Mid	5550	18.46	18.46	23.10	-4.64
Mid	5630	18.13	18.13	23.10	-4.97
High	5670	16.08	16.08	23.10	-7.02
142	5710	18.55	18.55	23.10	-4.55

PSD Results

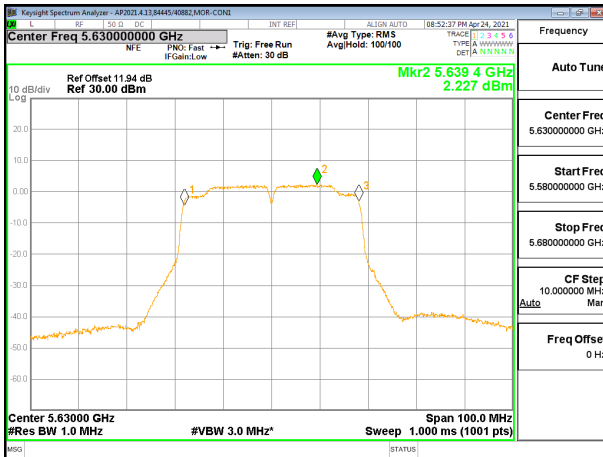
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	-0.915	-0.915	10.10	-11.02
Mid	5550	2.661	2.661	10.10	-7.44
Mid	5630	2.227	2.227	10.10	-7.87
High	5670	0.512	0.512	10.10	-9.59
142	5710	3.406	3.406	10.10	-6.69



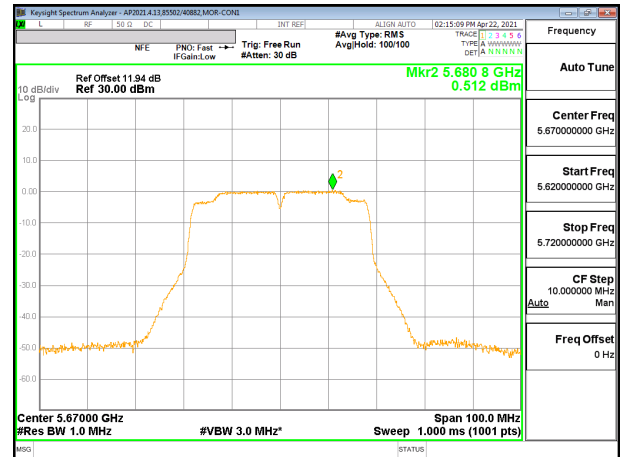
LOW CHANNEL



MID CHANNEL



MID CHANNEL



HIGH CHANNEL



CHANNEL 142

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2TX Antenna A + Antenna B SDM MODE (FCC)

Test Engineer:	85502/40882
Test Date:	4/22/2021-4/24/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	40.10	6.66	6.66	23.34	10.34
Mid	5550	39.50	6.66	6.66	23.34	10.34
Mid	5630	39.80	6.66	6.66	23.34	10.34
High	5670	39.70	6.66	6.66	23.34	10.34
142	5710	36.10	6.66	6.66	23.34	10.34

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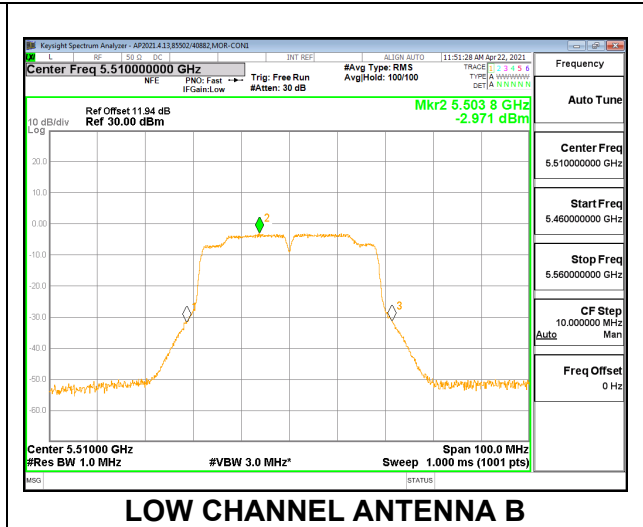
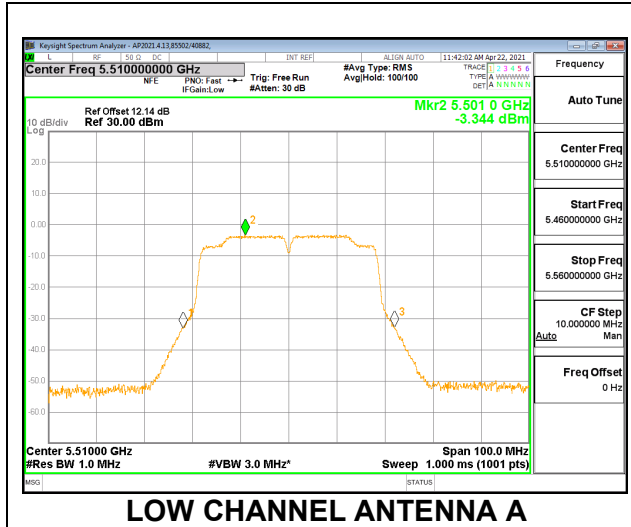
Output Power Results

Channel	Frequency (MHz)	Antenna Meas Power (dBm)	Antenna B Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	13.20	13.32	16.27	23.34	-7.07
Mid	5550	15.50	15.37	18.45	23.34	-4.89
Mid	5630	15.27	15.02	18.16	23.34	-5.18
High	5670	14.46	13.90	17.20	23.34	-6.14
142	5710	15.00	14.56	17.80	23.34	-5.54

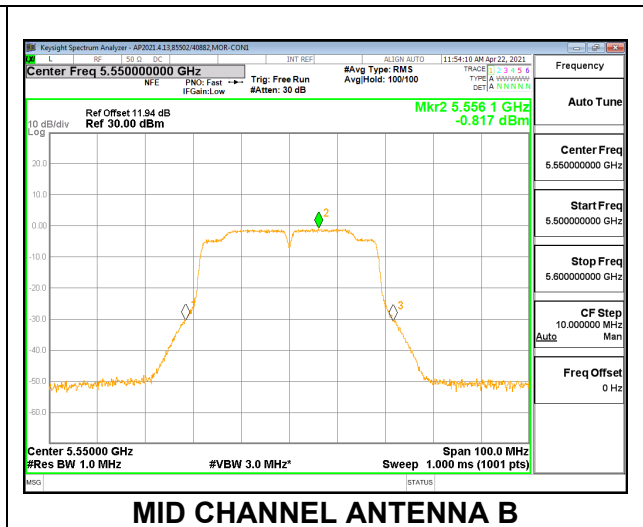
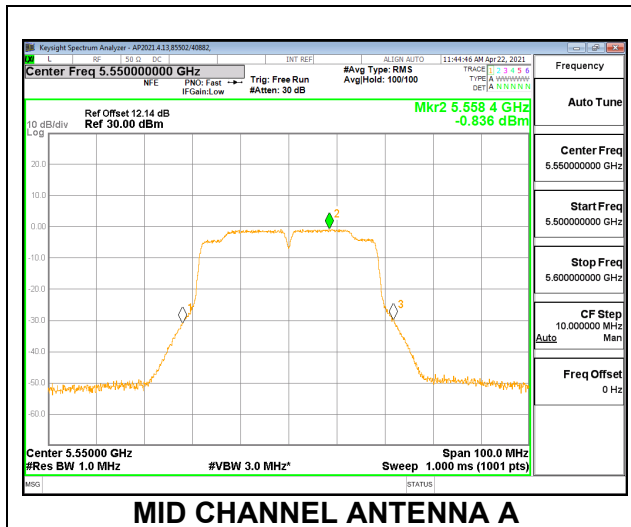
PSD Results

Channel	Frequency (MHz)	Antenna A Meas PSD (dBm/ 1MHz)	Antenna B Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	-3.344	-2.971	-0.14	10.34	-10.48
Mid	5550	-0.836	-0.817	2.18	10.34	-8.16
Mid	5630	-1.234	-0.902	1.95	10.34	-8.39
High	5670	-1.643	-1.955	1.21	10.34	-9.13
142	5710	-0.364	-0.566	2.55	10.34	-7.79

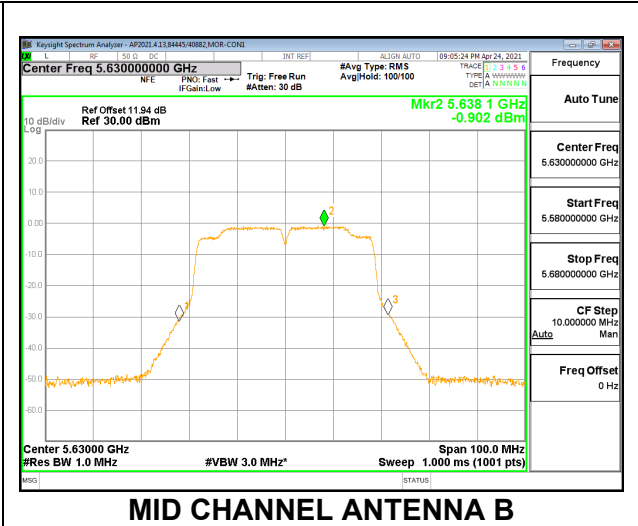
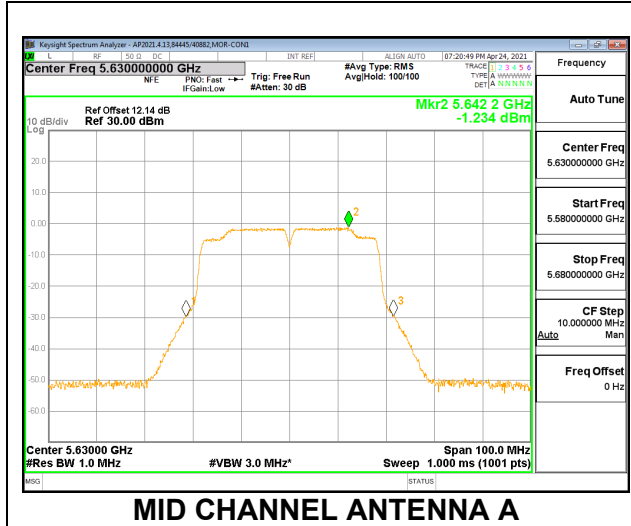
LOW CHANNEL



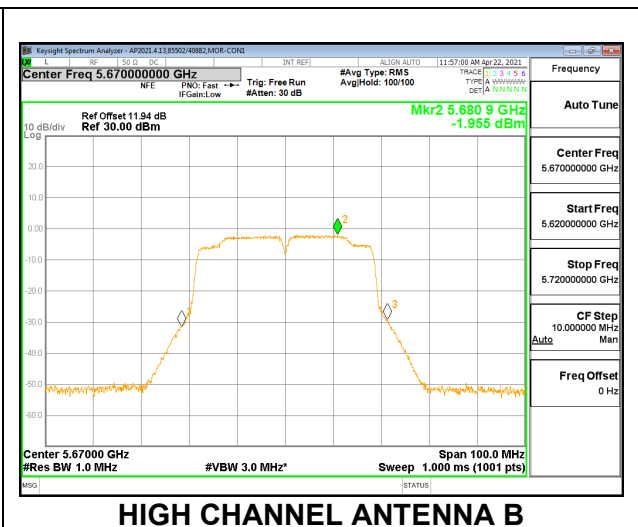
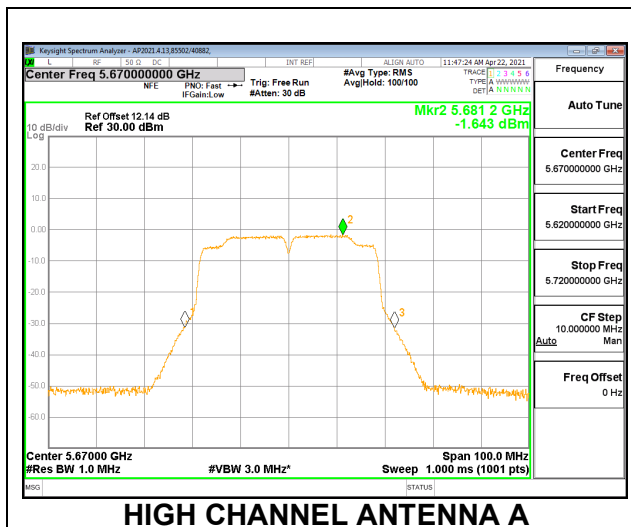
MID CHANNEL



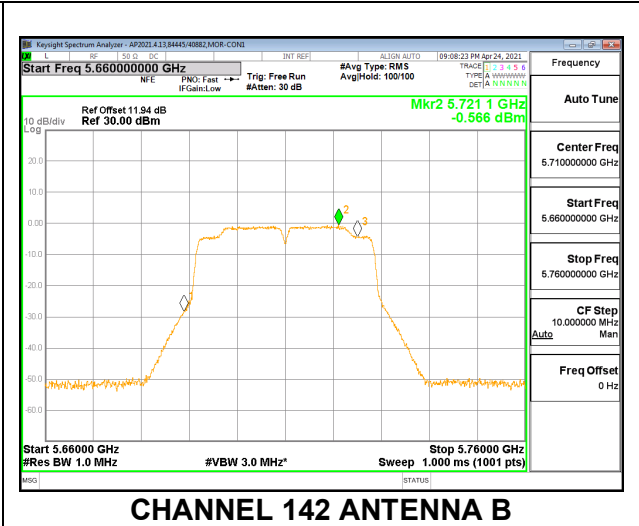
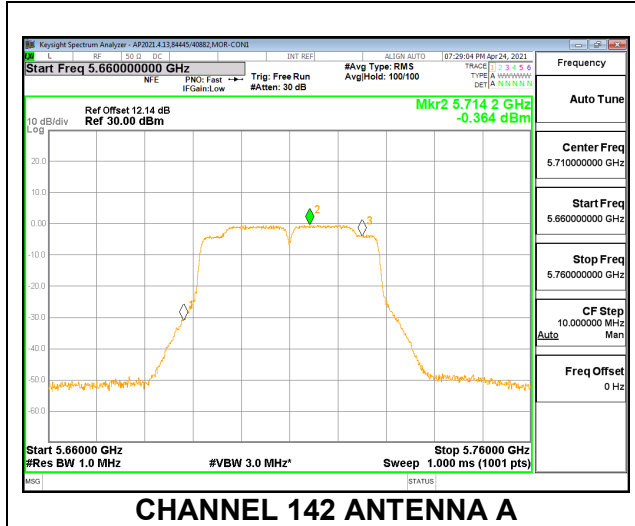
MID CHANNEL



HIGH CHANNEL



CHANNEL 142



2TX Antenna A + Antenna B SDM MODE (IC)

Test Engineer:	85502/40882
Test Date:	4/22/2021-4/24/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	36.108	6.66	6.66	23.34	10.34
Mid	5550	35.992	6.66	6.66	23.34	10.34
Mid	5630	35.981	6.66	6.66	23.34	10.34
High	5670	35.998	6.66	6.66	23.34	10.34
142	5710	33.008	6.66	6.66	23.34	10.34

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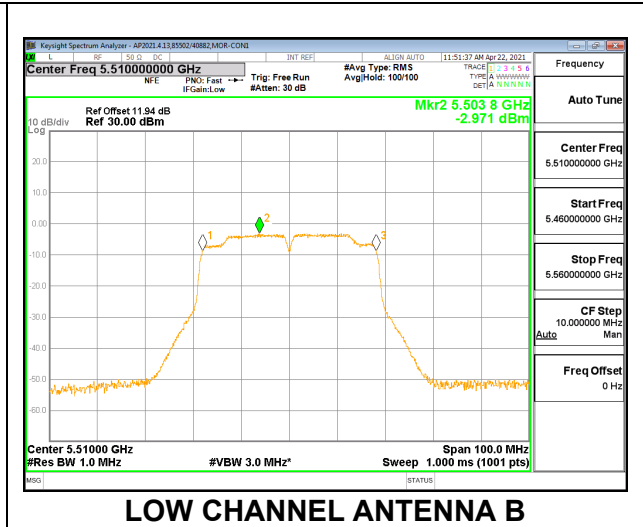
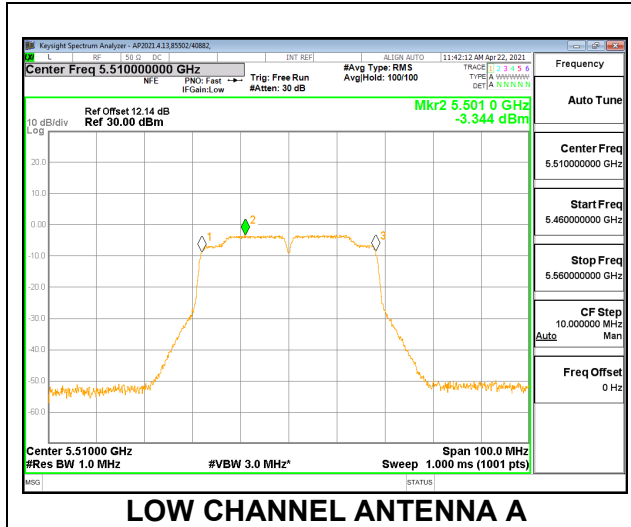
Output Power Results

Channel	Frequency (MHz)	Antenna Meas Power (dBm)	Antenna B Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	13.20	13.32	16.27	23.34	-7.07
Mid	5550	15.50	15.37	18.45	23.34	-4.89
Mid	5630	15.27	15.02	18.16	23.34	-5.18
High	5670	14.46	13.90	17.20	23.34	-6.14
142	5710	15.00	14.56	17.80	23.34	-5.54

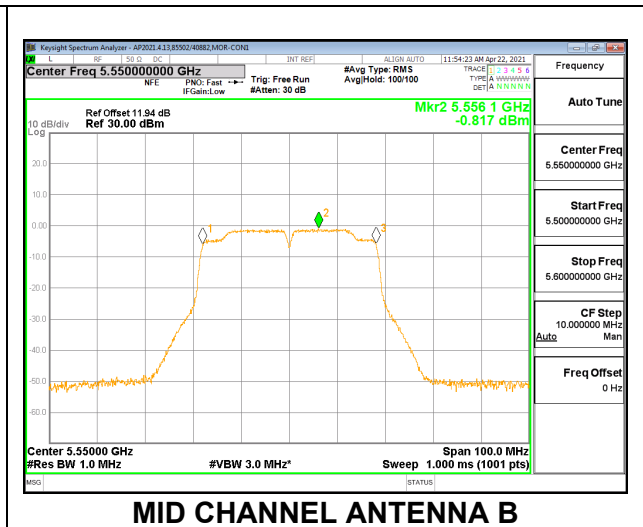
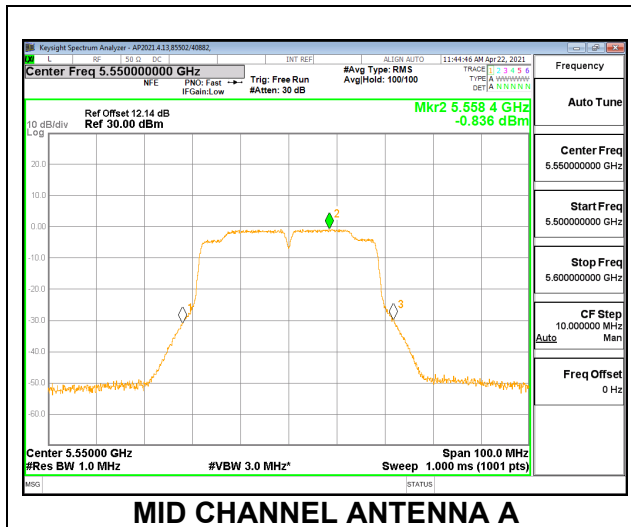
PSD Results

Channel	Frequency (MHz)	Antenna A Meas PSD (dBm/ 1MHz)	Antenna B Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	-3.344	-2.971	-0.14	10.34	-10.48
Mid	5550	-0.836	-0.817	2.18	10.34	-8.16
Mid	5630	-1.234	-0.902	1.95	10.34	-8.39
High	5670	-1.643	-1.955	1.21	10.34	-9.13
142	5710	-0.364	-0.566	2.55	10.34	-7.79

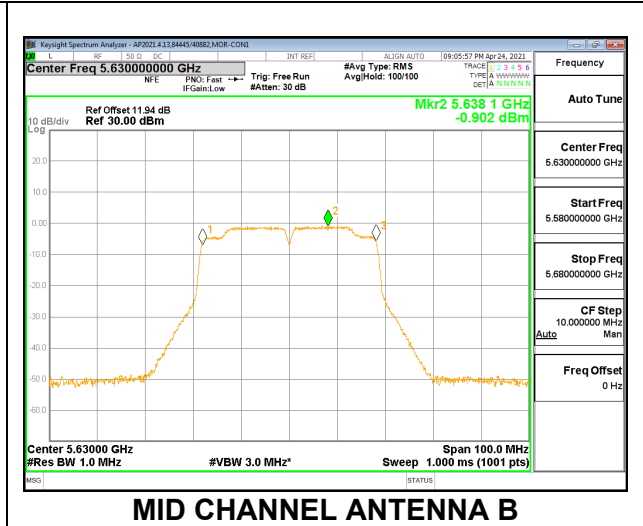
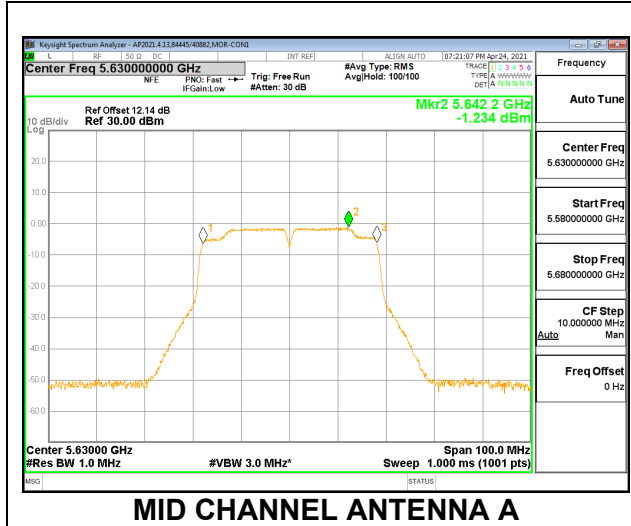
LOW CHANNEL



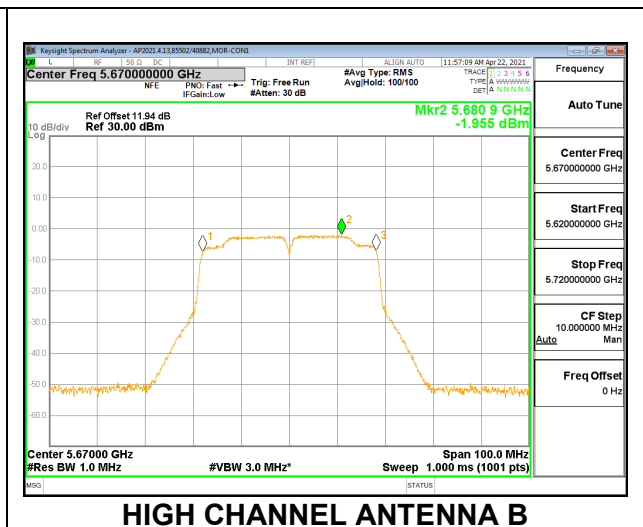
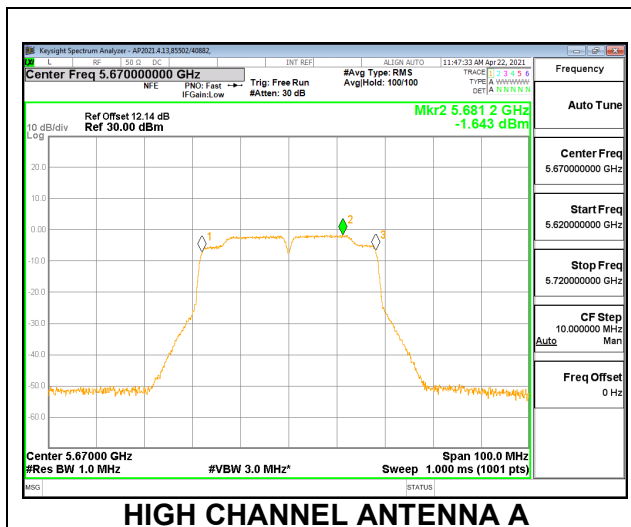
MID CHANNEL



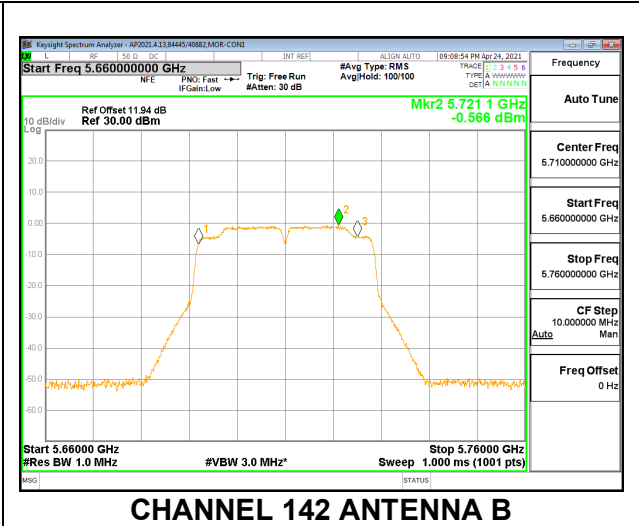
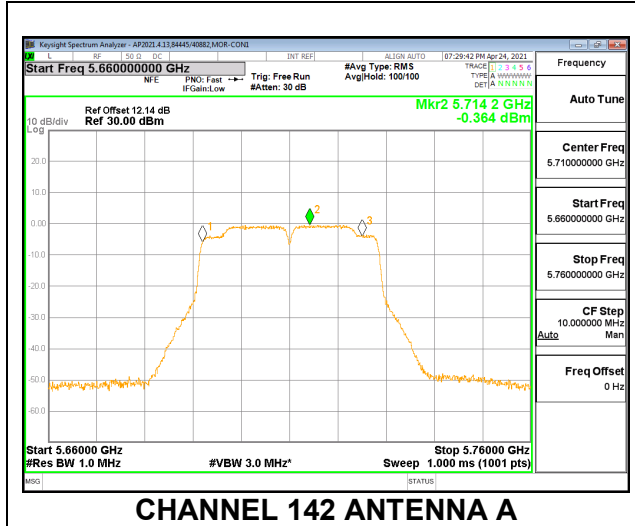
MID CHANNEL



HIGH CHANNEL



CHANNEL 142



9.4.4. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Antenna A MODE (FCC)

Test Engineer:	85502/40882
Test Date:	4/22/2021-4/24/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5530	87.00	6.40	23.60	10.60
High	5610	86.60	6.40	23.60	10.60
138	5690	78.40	6.40	23.60	10.60

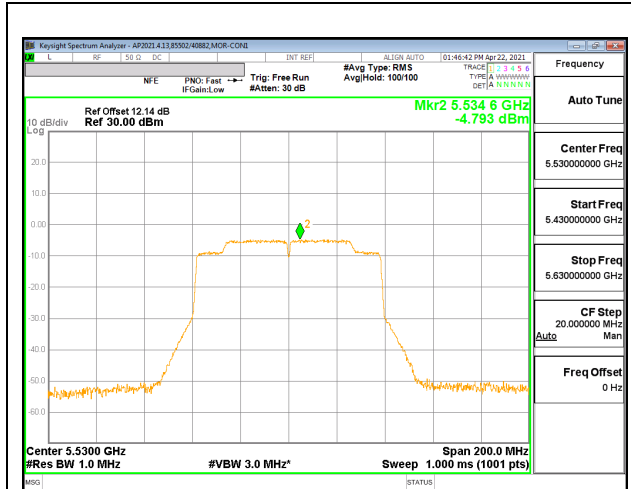
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

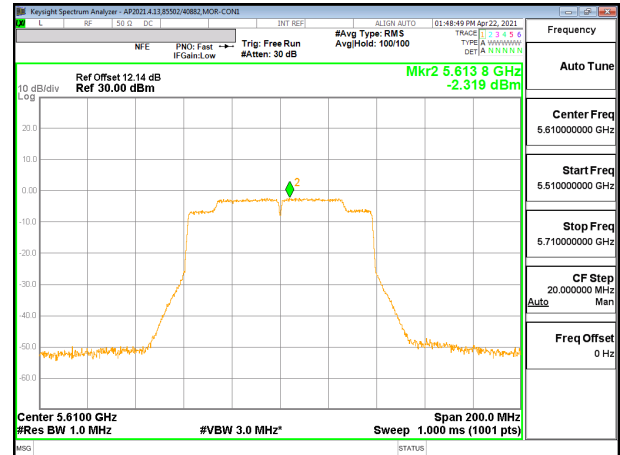
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.53	14.53	23.60	-9.07
High	5610	16.63	16.63	23.60	-6.97
138	5690	16.04	16.04	23.60	-7.56

PSD Results

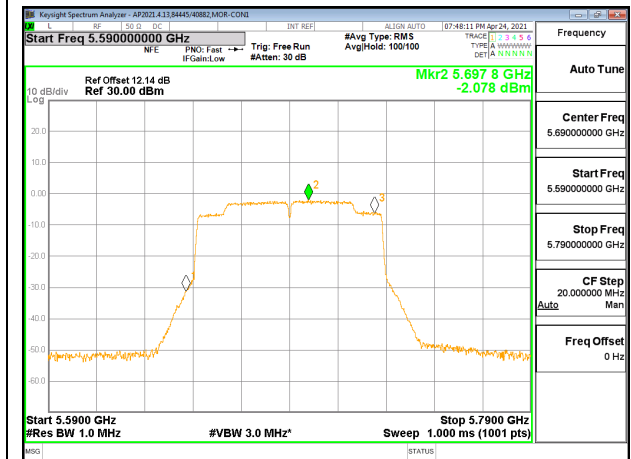
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	-4.793	-4.793	10.60	-15.39
High	5610	-2.319	-2.319	10.60	-12.92
138	5690	-2.078	-2.078	10.60	-12.68



LOW CHANNEL



HIGH CHANNEL



CHANNEL 138

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1TX Antenna A MODE (IC)

Test Engineer:	85502/40882
Test Date:	4/22/2021-4/24/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5530	74.885	6.40	23.60	10.60
High	5610	75.035	6.40	23.60	10.60
138	5690	72.586	6.40	23.60	10.60

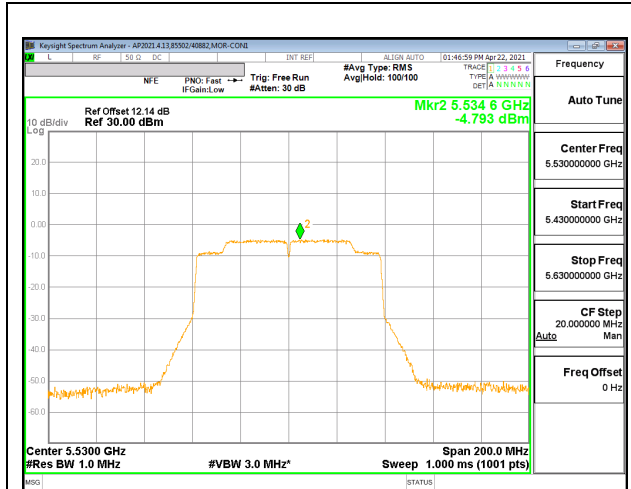
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

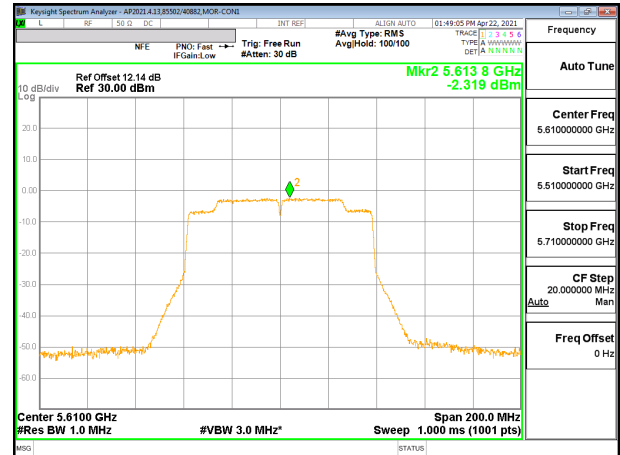
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.53	14.53	23.60	-9.07
High	5610	16.63	16.63	23.60	-6.97
138	5690	16.04	16.04	23.60	-7.56

PSD Results

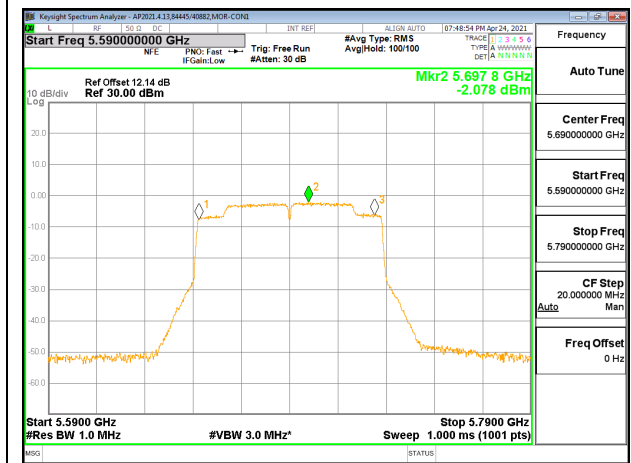
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	-4.793	-4.793	10.60	-15.39
High	5610	-2.319	-2.319	10.60	-12.92
138	5690	-2.078	-2.078	10.60	-12.68



LOW CHANNEL



HIGH CHANNEL



CHANNEL 138

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1TX Antenna B MODE (FCC)

Test Engineer:	85502/40882
Test Date:	4/22/2021-4/24/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5530	87.20	6.90	23.10	10.10
High	5610	86.20	6.90	23.10	10.10
138	5690	78.60	6.90	23.10	10.10

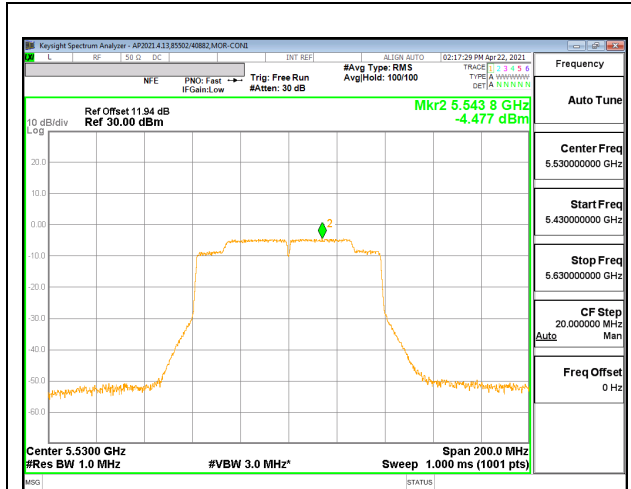
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

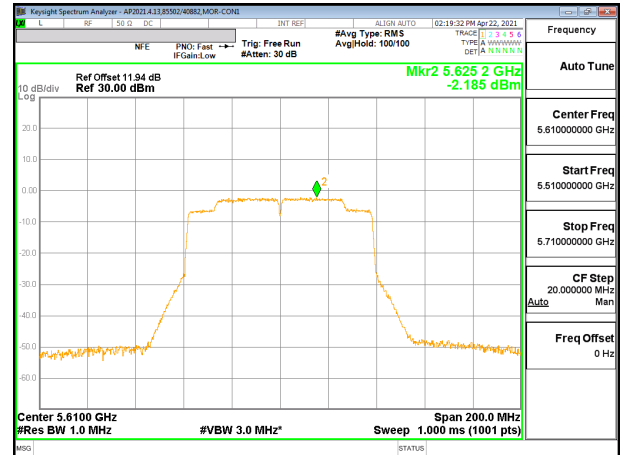
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.75	14.75	23.10	-8.35
High	5610	16.54	16.54	23.10	-6.56
138	5690	15.84	15.84	23.10	-7.26

PSD Results

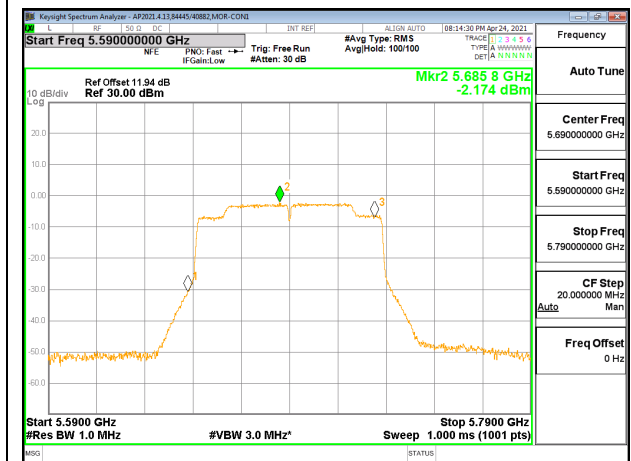
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	-4.477	-4.477	10.10	-14.58
High	5610	-2.185	-2.185	10.10	-12.29
138	5690	-2.174	-2.174	10.10	-12.27



LOW CHANNEL



HIGH CHANNEL



CHANNEL 138

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1TX Antenna B MODE (IC)

Test Engineer:	85502/40882
Test Date:	4/22/2021-4/24/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5530	75.076	6.90	23.10	10.10
High	5610	75.224	6.90	23.10	10.10
138	5690	72.424	6.90	23.10	10.10

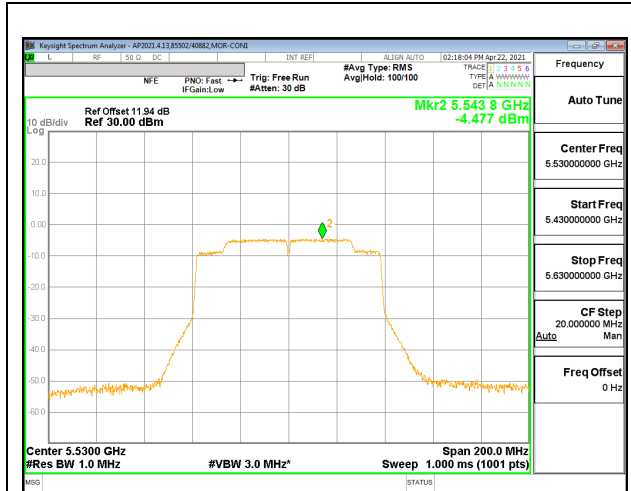
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

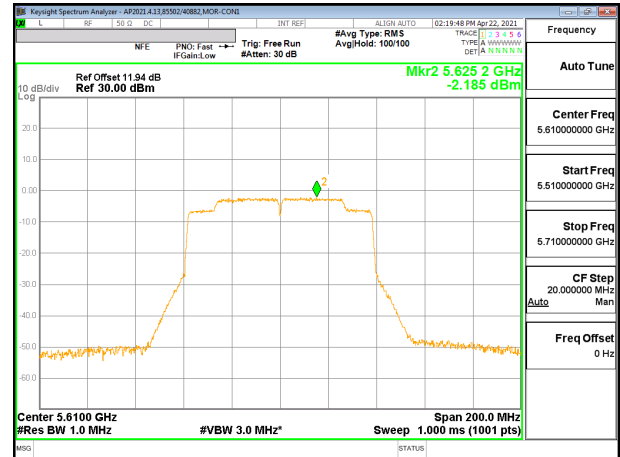
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	14.75	14.75	23.10	-8.35
High	5610	16.54	16.54	23.10	-6.56
138	5690	15.84	15.84	23.10	-7.26

PSD Results

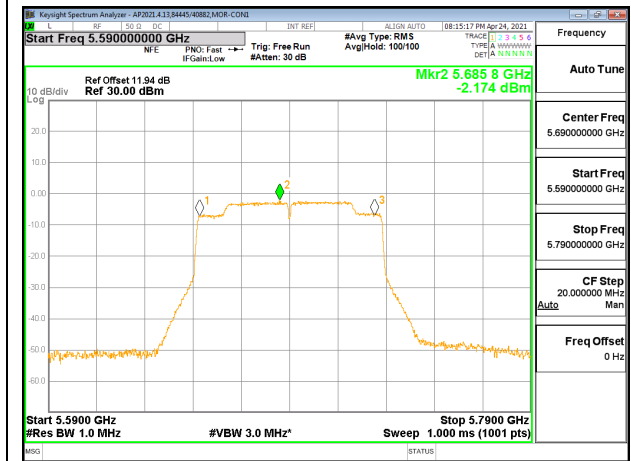
Channel	Frequency (MHz)	Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	-4.477	-4.477	10.10	-14.58
High	5610	-2.185	-2.185	10.10	-12.29
138	5690	-2.174	-2.174	10.10	-12.27



LOW CHANNEL



HIGH CHANNEL



CHANNEL 138

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2TX Antenna A + Antenna B SDM MODE (FCC)

Test Engineer:	85502/40882
Test Date:	4/22/2021-4/24/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5530	87.00	6.66	6.66	23.34	10.34
High	5610	86.20	6.66	6.66	23.34	10.34
138	5690	78.40	6.66	6.66	23.34	10.34

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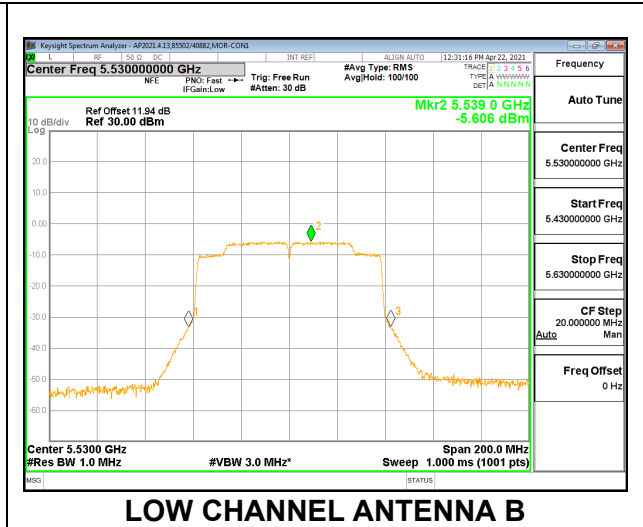
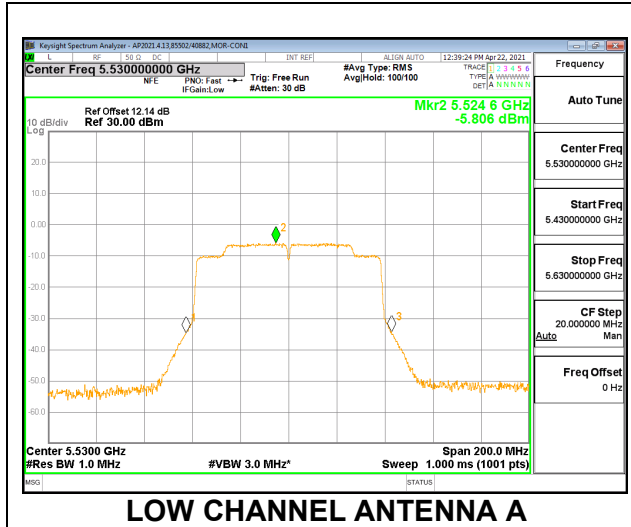
Output Power Results

Channel	Frequency (MHz)	Antenna A Meas Power (dBm)	Antenna B Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	13.37	13.58	16.49	23.34	-6.85
High	5610	14.65	14.43	17.55	23.34	-5.79
138	5690	14.02	13.80	16.92	23.34	-6.42

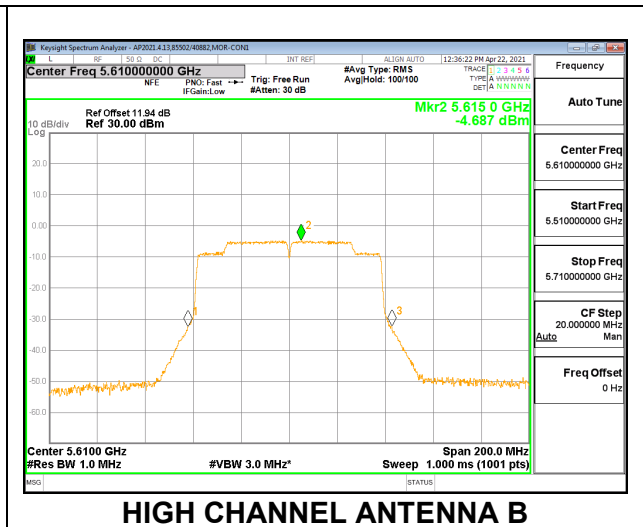
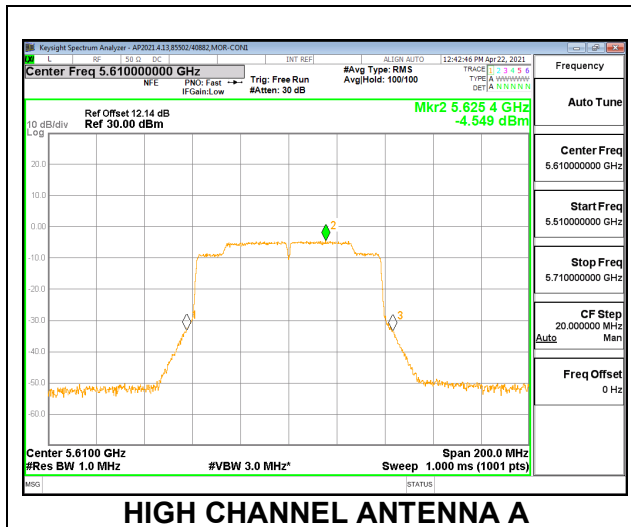
PSD Results

Channel	Frequency (MHz)	Antenna A Meas PSD (dBm/ 1MHz)	Antenna B Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	-5.806	-5.606	-2.69	10.34	-13.03
High	5610	-4.549	-4.687	-1.61	10.34	-11.95
138	5690	-4.204	-4.610	-1.39	10.34	-11.73

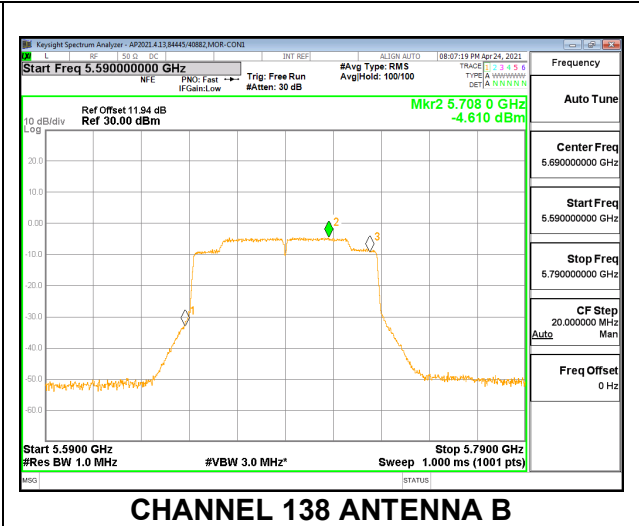
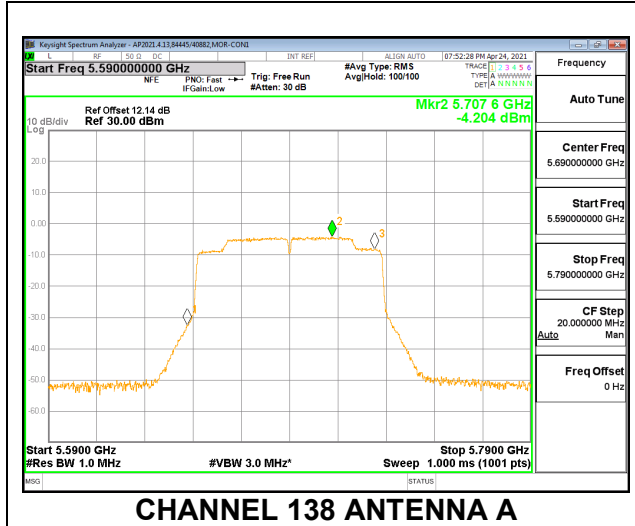
LOW CHANNEL



HIGH CHANNEL



CHANNEL 138



2TX Antenna A + Antenna B SDM MODE (IC)

Test Engineer:	85502/40882
Test Date:	4/22/2021-4/24/2021

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5530	74.885	6.66	6.66	23.34	10.34
High	5610	75.035	6.66	6.66	23.34	10.34
138	5690	72.424	6.66	6.66	23.34	10.34

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

Channel	Frequency (MHz)	Antenna A Meas Power (dBm)	Antenna B Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	13.37	13.58	16.49	23.34	-6.85
High	5610	14.65	14.43	17.55	23.34	-5.79
138	5690	14.02	13.80	16.92	23.34	-6.42

PSD Results

Channel	Frequency (MHz)	Antenna A Meas PSD (dBm/ 1MHz)	Antenna B Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	-5.806	-5.606	-2.69	10.34	-13.03
High	5610	-4.549	-4.687	-1.61	10.34	-11.95
138	5690	-4.204	-4.610	-1.39	10.34	-11.73