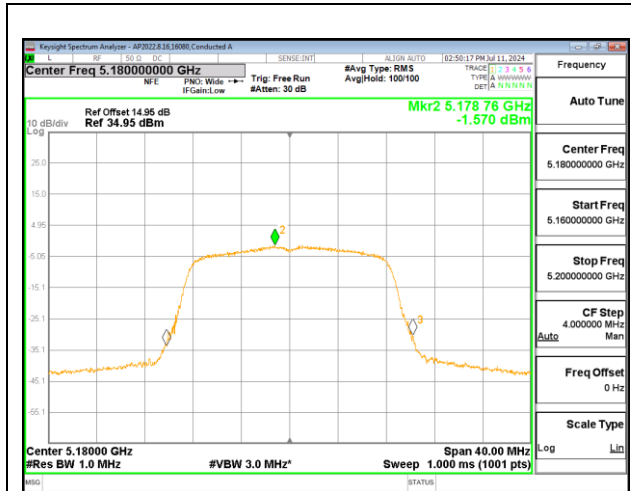
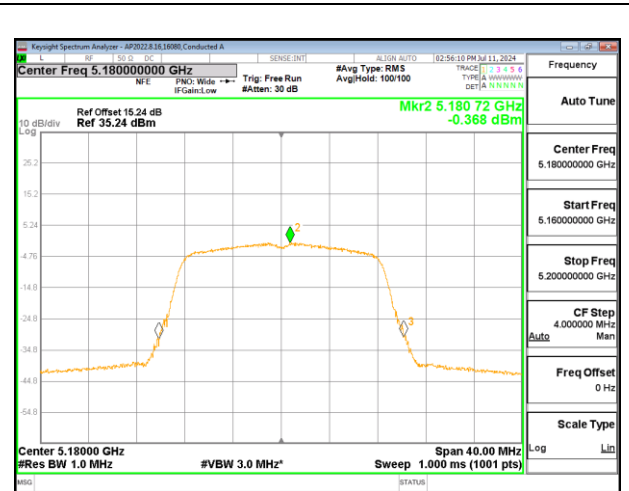


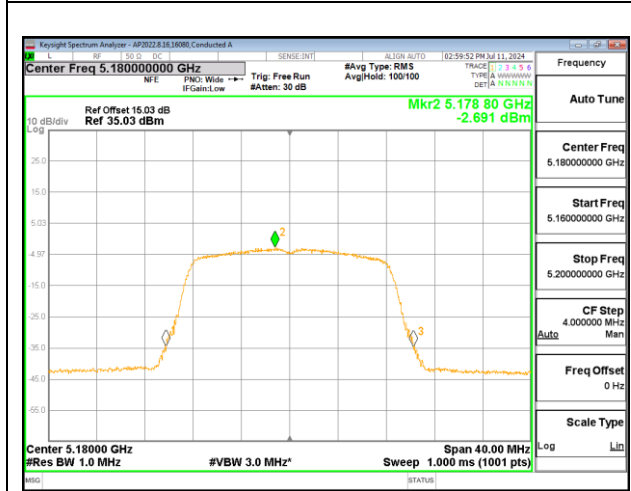
LOW CHANNEL



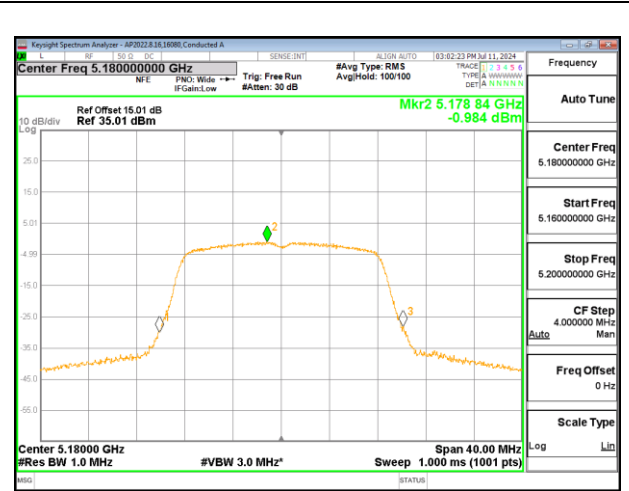
LOW CHANNEL ANT 1



LOW CHANNEL ANT 2

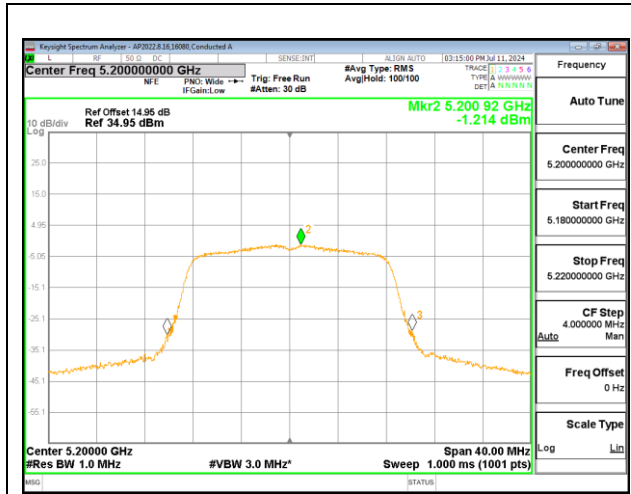


LOW CHANNEL ANT 3

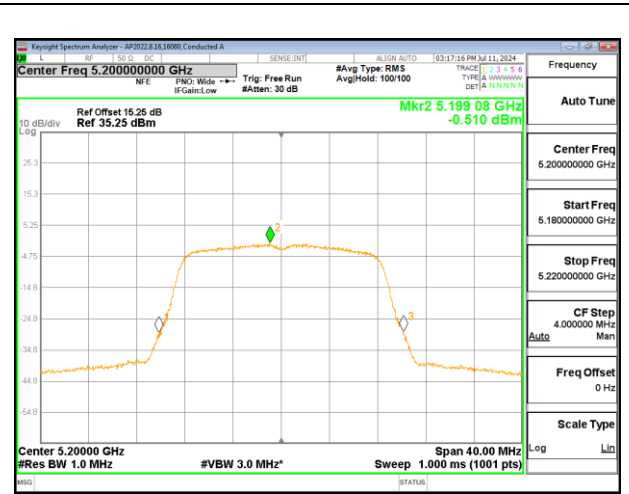


LOW CHANNEL ANT 4

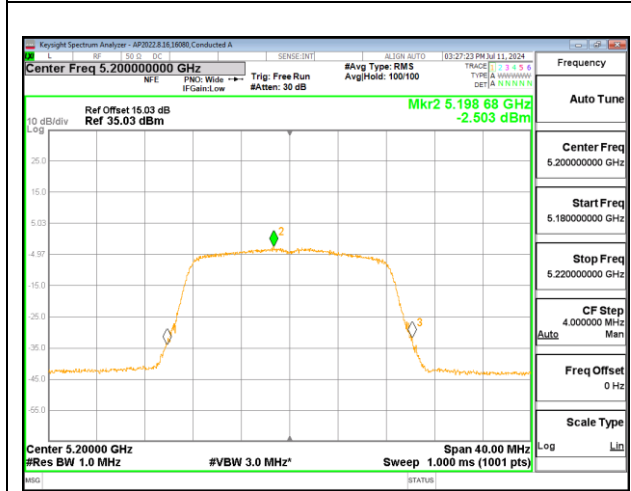
MID CHANNEL



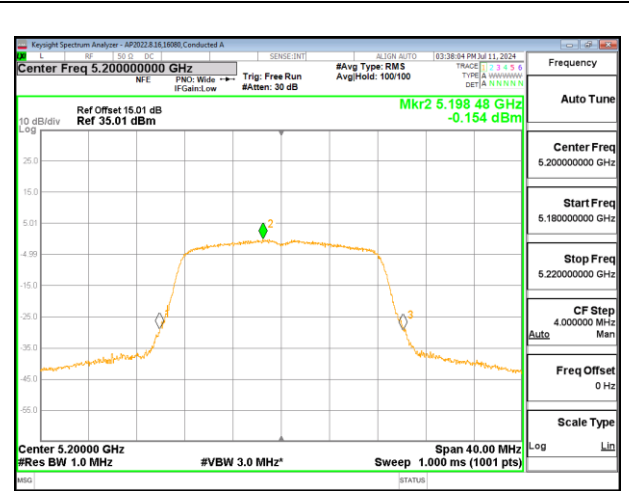
MID CHANNEL ANT 1



MID CHANNEL ANT 2

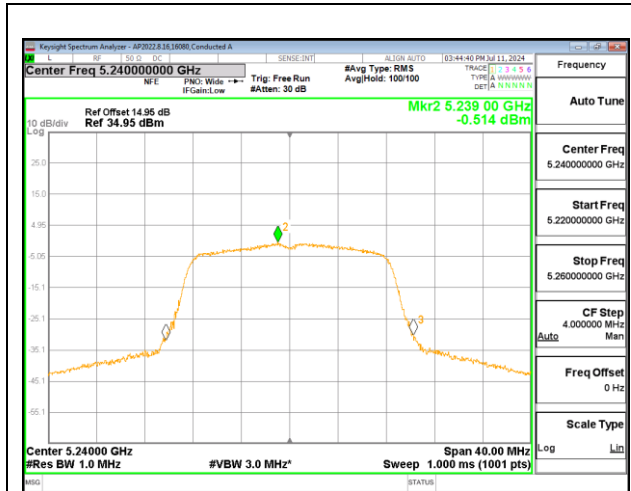


MID CHANNEL ANT 3

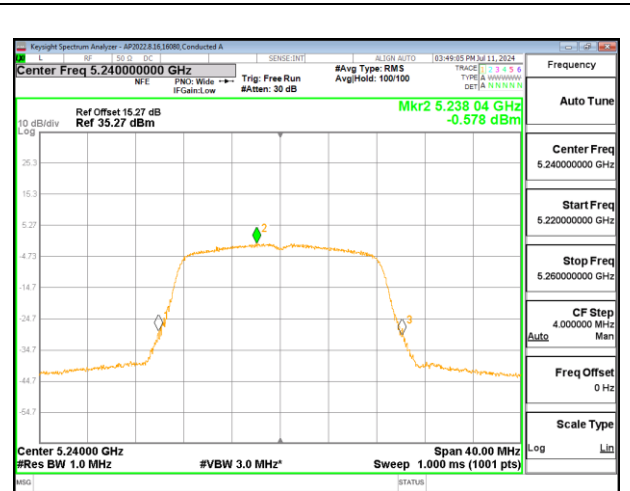


MID CHANNEL ANT 4

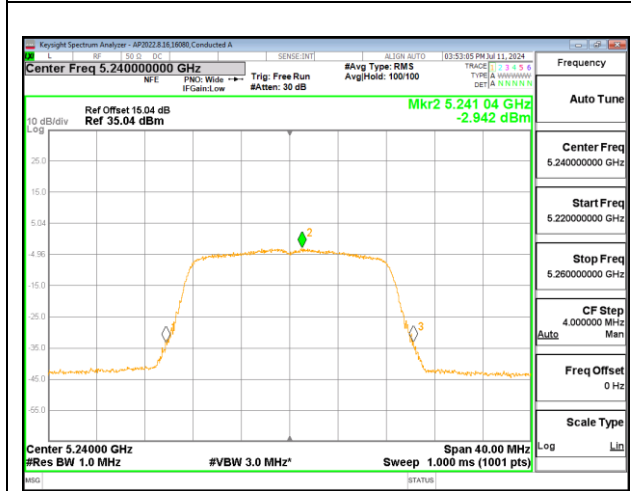
HIGH CHANNEL



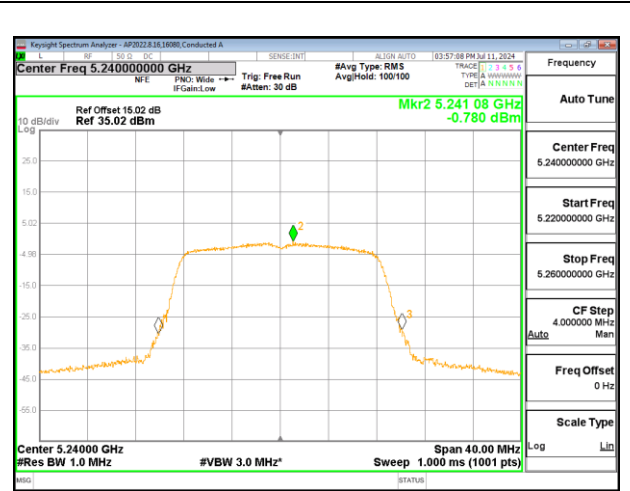
HIGH CHANNEL ANT 1



HIGH CHANNEL ANT 2



HIGH CHANNEL ANT 3



HIGH CHANNEL ANT 4

4TX Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4 CDD MODE (IC)

Test Engineer:	PV 27966
Test Date:	2024-07-12

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5180	16.446	1.60	5.00	22.16	20.56	10.00	5.00
Mid	5200	16.446	1.60	5.00	22.16	20.56	10.00	5.00
High	5240	16.403	1.60	5.00	22.15	20.55	10.00	5.00

Duty Cycle CF (dB)	1.17	Included in Calculations of Corr'd PSD
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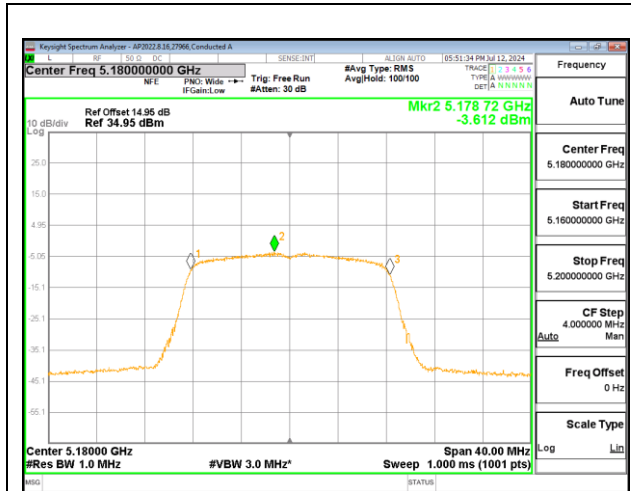
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	8.34	9.58	8.95	9.06	15.03	20.56	-5.54
Mid	5200	8.45	9.72	8.87	8.89	15.03	20.56	-5.53
High	5240	8.43	9.80	9.11	8.74	15.07	20.55	-5.48

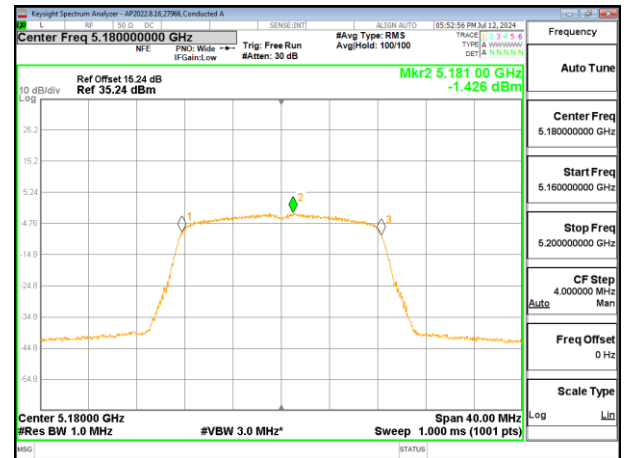
PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/1MHz)	Antenna 2 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Antenna 4 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	-3.612	-1.426	-4.837	-2.110	4.39	5.00	-0.61
Mid	5200	-3.600	-1.127	-4.816	-2.159	4.49	5.00	-0.51
High	5240	-3.630	-1.163	-4.695	-2.449	4.41	5.00	-0.59

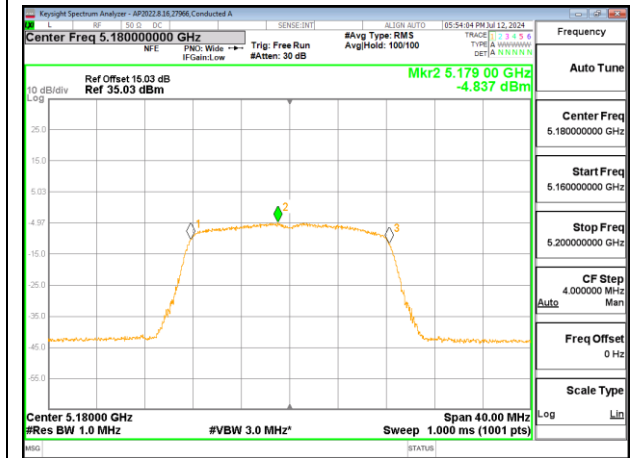
LOW CHANNEL



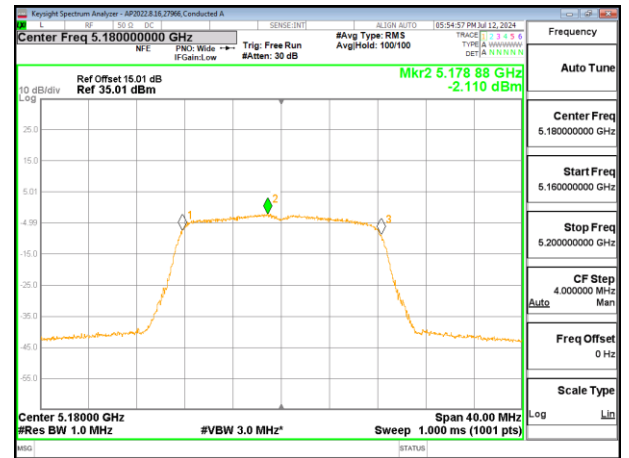
LOW CHANNEL ANT 1



LOW CHANNEL ANT 2

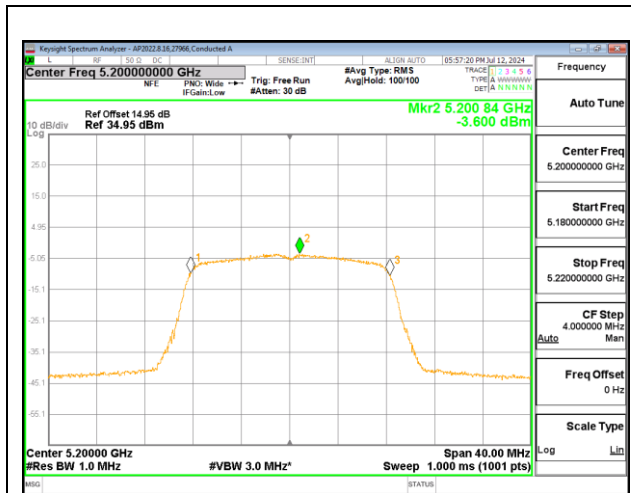


LOW CHANNEL ANT 3

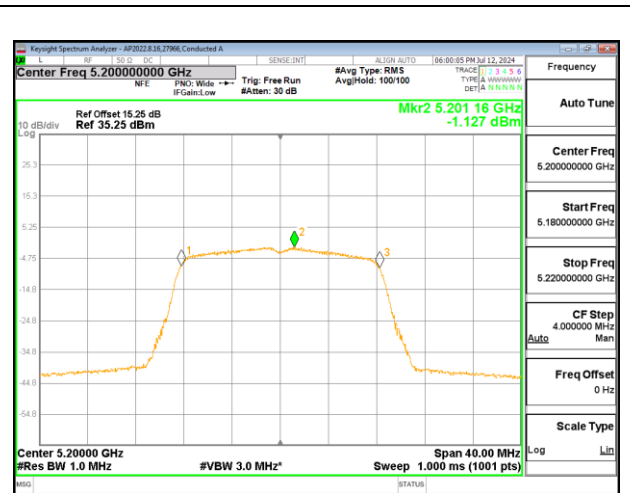


LOW CHANNEL ANT 4

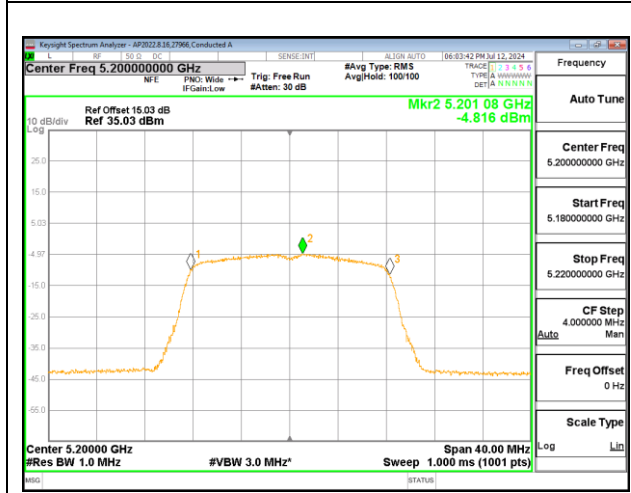
MID CHANNEL



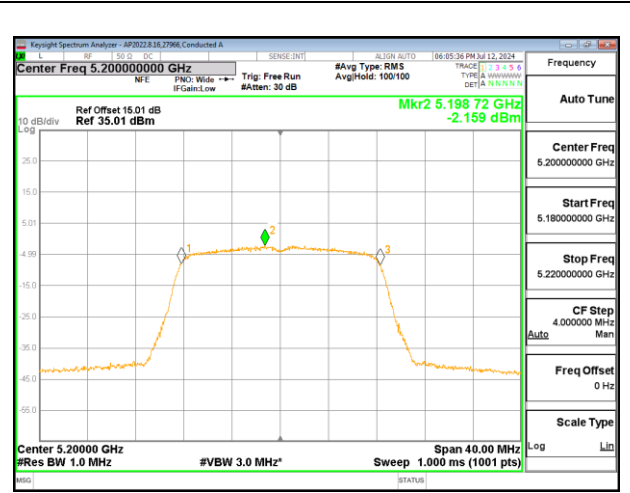
MID CHANNEL ANT 1



MID CHANNEL ANT 2

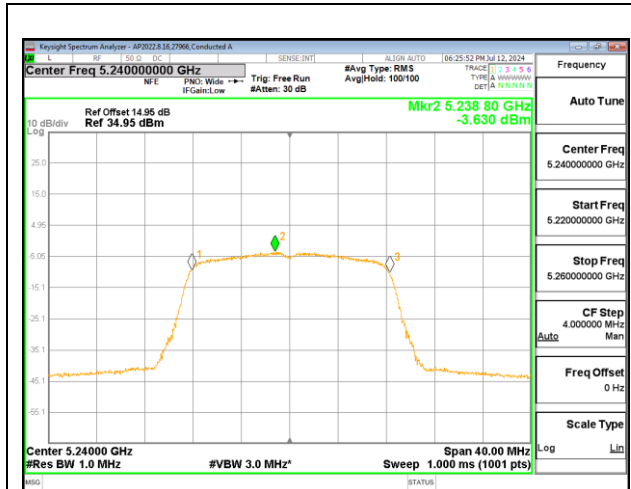


MID CHANNEL ANT 3

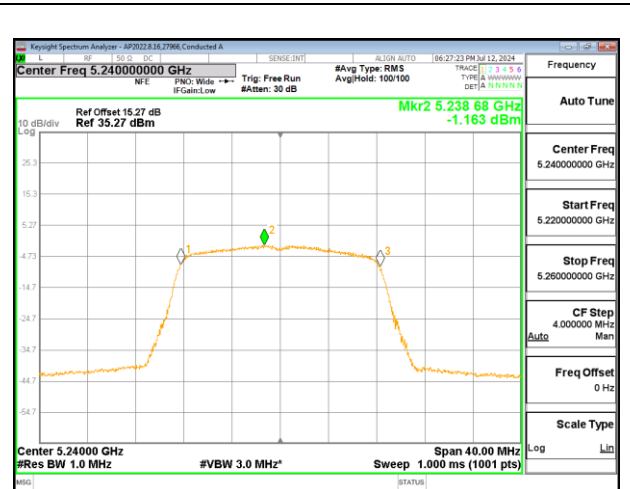


MID CHANNEL ANT 4

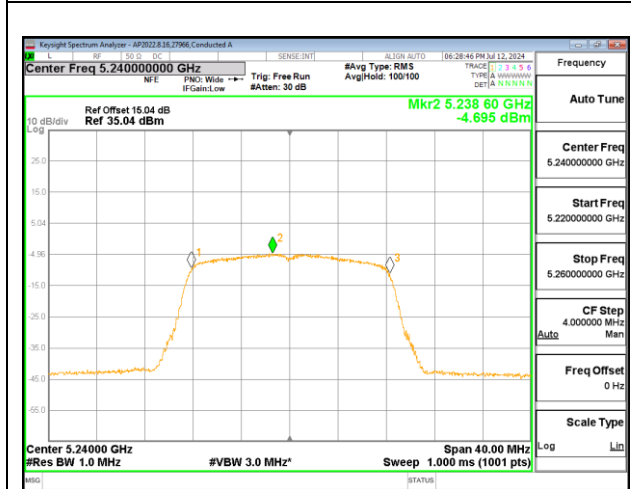
HIGH CHANNEL



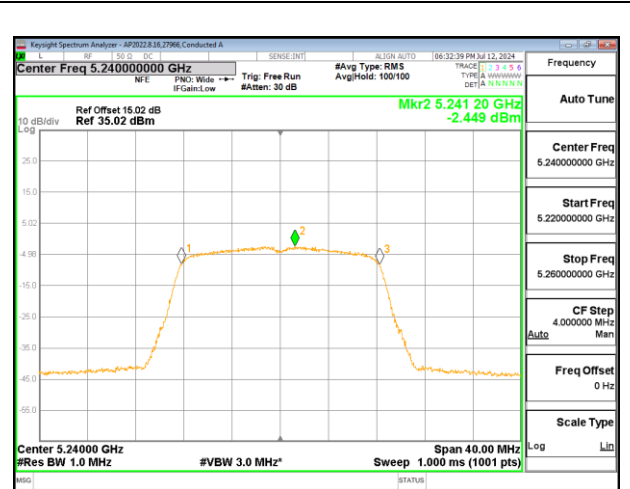
HIGH CHANNEL ANT 1



HIGH CHANNEL ANT 2



HIGH CHANNEL ANT 3



HIGH CHANNEL ANT 4

9.5.2. 802.11n HT20 MODE IN THE 5.2 GHz BAND

4TX Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4 CDD MODE (FCC) MOBILE

Test Engineer:	PV 27966
Test Date:	2024/07/11

Antenna Gain and Limits

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Low	5180	1.60	5.00	24.00	11.00
Mid	5200	1.60	5.00	24.00	11.00
High	5240	1.60	5.00	24.00	11.00

Duty Cycle CF (dB)	1.03	Included in Calculations of Corr'd Power & PSD
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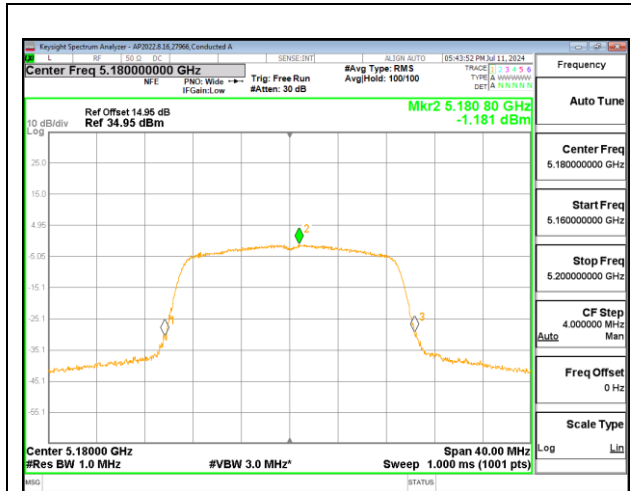
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	9.80	10.70	11.17	10.90	16.69	24.00	-7.31
Mid	5200	9.63	11.01	11.12	10.60	16.65	24.00	-7.35
High	5240	9.90	9.19	11.20	10.50	16.28	24.00	-7.72

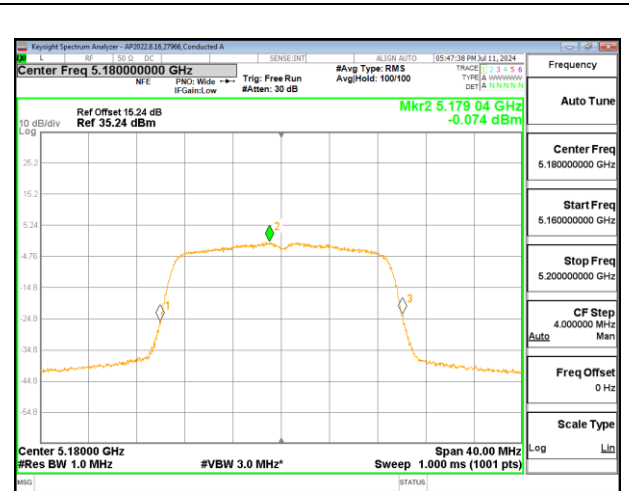
PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/1MHz)	Antenna 2 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Antenna 4 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	-1.181	-0.074	-2.764	-0.494	6.04	11.00	-4.96
Mid	5200	-1.124	-0.004	-2.854	-0.762	5.98	11.00	-5.02
High	5240	-1.192	-0.423	-2.601	-0.650	5.91	11.00	-5.09

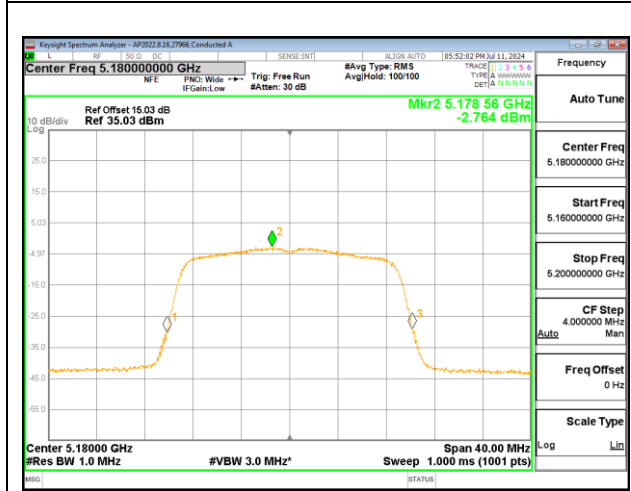
LOW CHANNEL



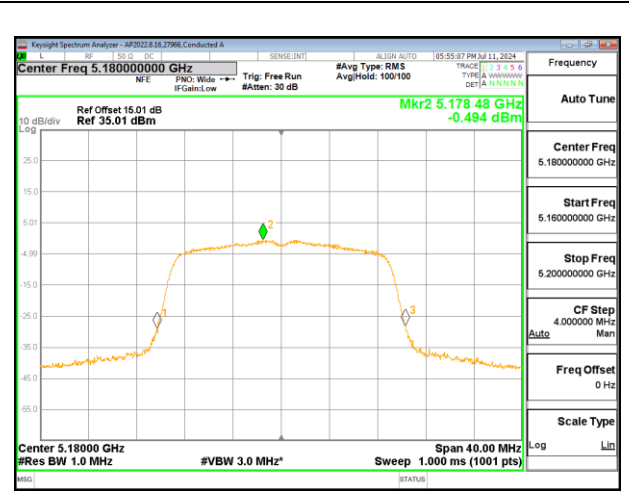
LOW CHANNEL ANT 1



LOW CHANNEL ANT 2

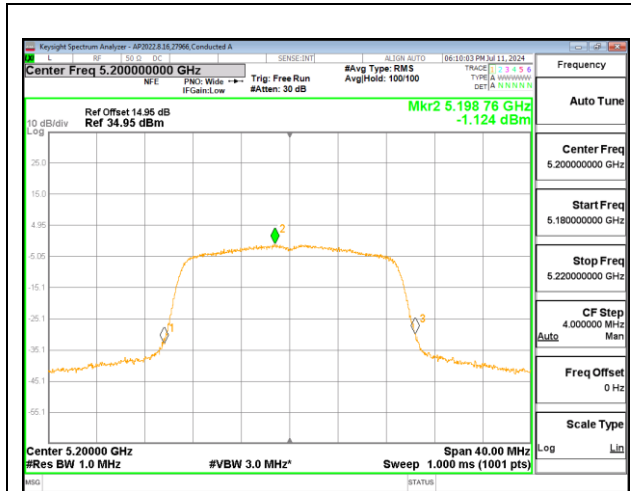


LOW CHANNEL ANT 3

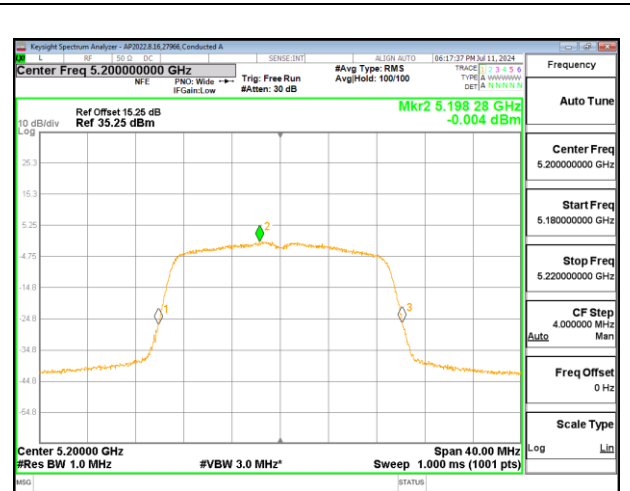


LOW CHANNEL ANT 4

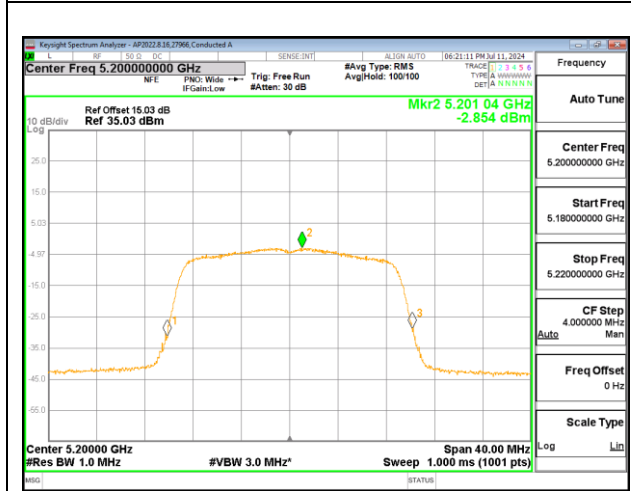
MID CHANNEL



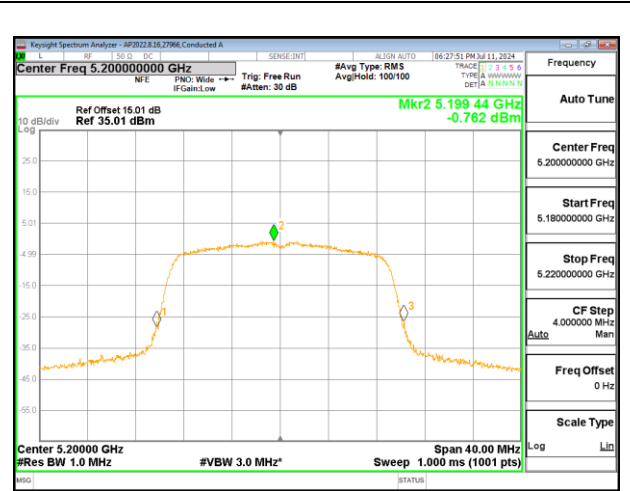
MID CHANNEL ANT 1



MID CHANNEL ANT 2

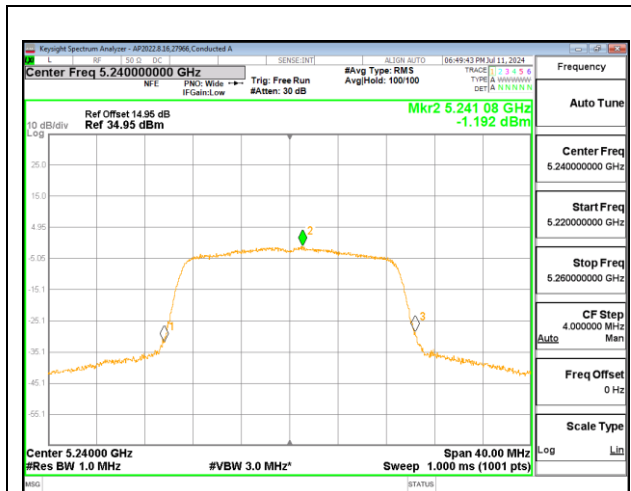


MID CHANNEL ANT 3

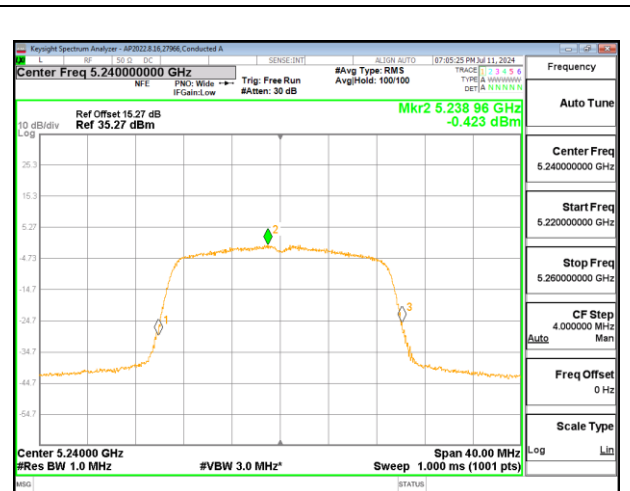


MID CHANNEL ANT 4

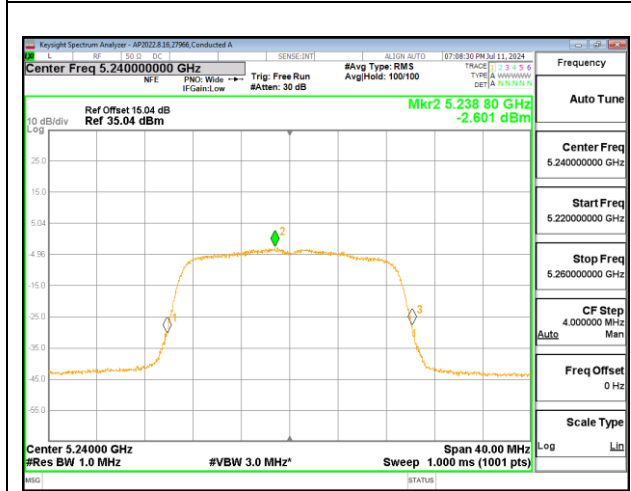
HIGH CHANNEL



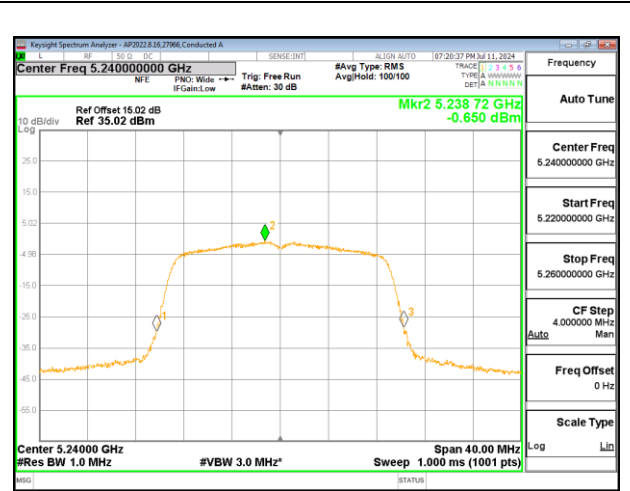
HIGH CHANNEL ANT 1



HIGH CHANNEL ANT 2



HIGH CHANNEL ANT 3



HIGH CHANNEL ANT 4

4TX Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4 CDD MODE (IC)

Test Engineer:	PV 27966
Test Date:	2024/07/12

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 99% BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	EIRP Power Limit (dBm)	Power Limit (dBm)	EIRP PSD Limit (dBm/1MHz)	PSD Limit (dBm/1MHz)
Low	5180	17.568	1.60	5.00	22.45	20.85	10.00	5.00
Mid	5200	17.516	1.60	5.00	22.43	20.83	10.00	5.00
High	5240	17.561	1.60	5.00	22.45	20.85	10.00	5.00

Duty Cycle CF (dB)	1.03	Included in Calculations of Corr'd PSD
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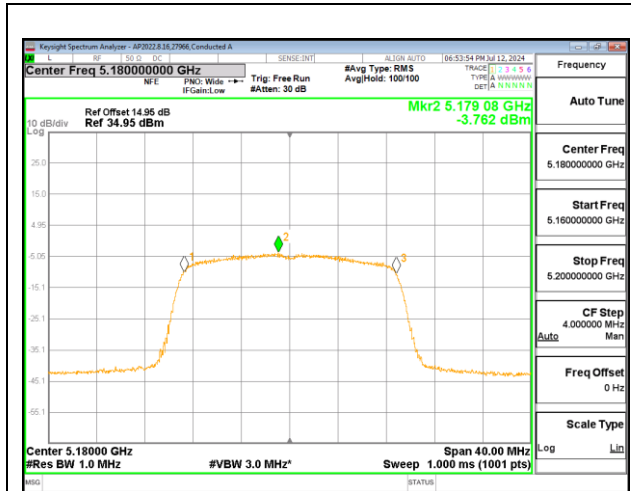
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5180	8.61	10.03	9.01	8.65	15.13	20.85	-5.71
Mid	5200	8.21	9.94	8.72	9.25	15.10	20.83	-5.74
High	5240	8.71	10.06	9.33	8.77	15.27	20.85	-5.57

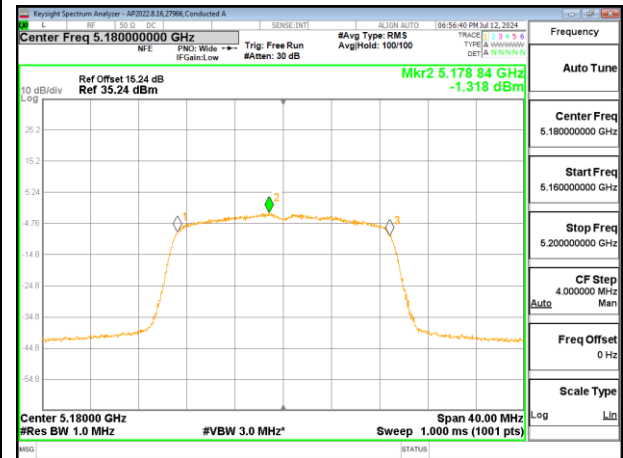
PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/1MHz)	Antenna 2 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Antenna 4 Meas PSD (dBm/1MHz)	Total Corr'd D (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Low	5180	-3.76	-1.32	-4.43	-2.10	4.32	5.00	-0.68
Mid	5200	-3.84	-1.35	-4.60	-1.81	4.36	5.00	-0.64
High	5240	-3.99	-1.29	-4.70	-2.29	4.19	5.00	-0.81

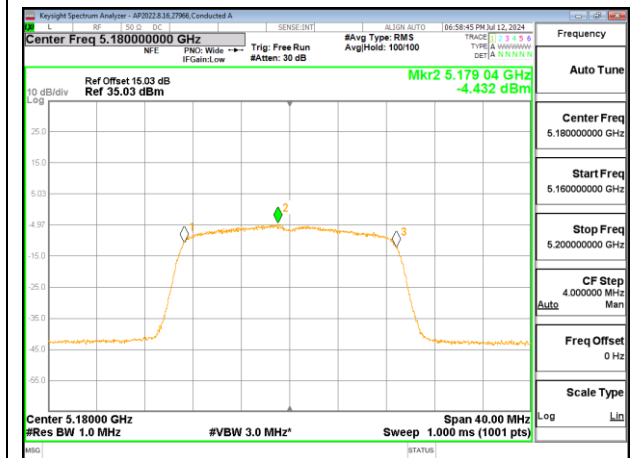
LOW CHANNEL



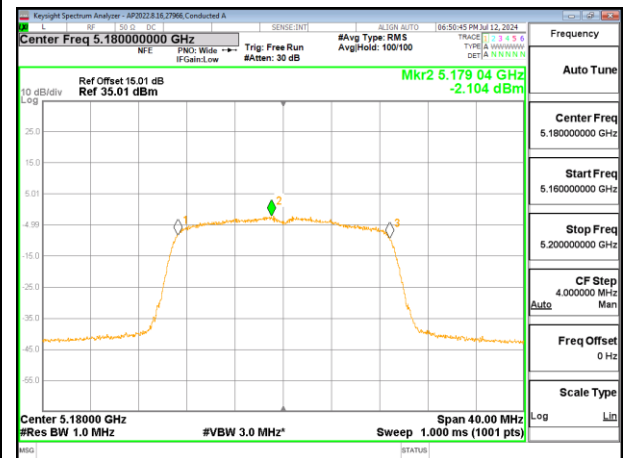
LOW CHANNEL ANT 1



LOW CHANNEL ANT 2

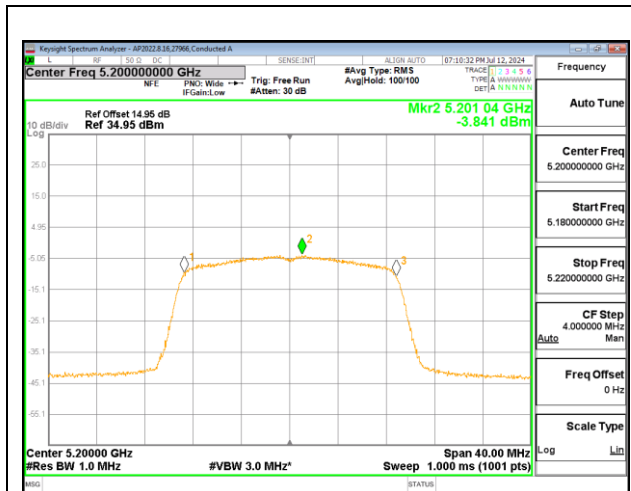


LOW CHANNEL ANT 3

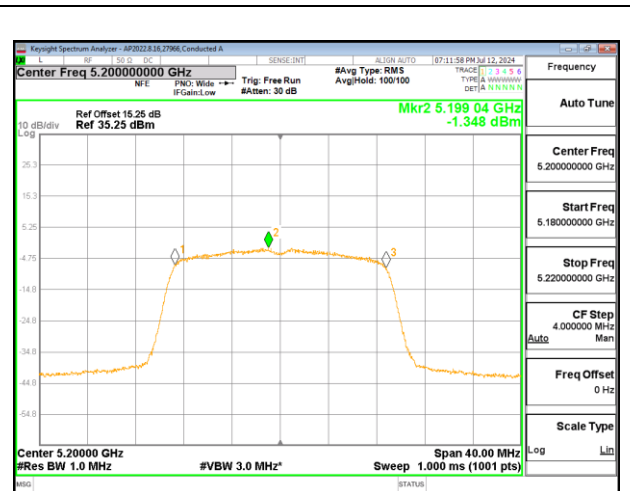


LOW CHANNEL ANT 4

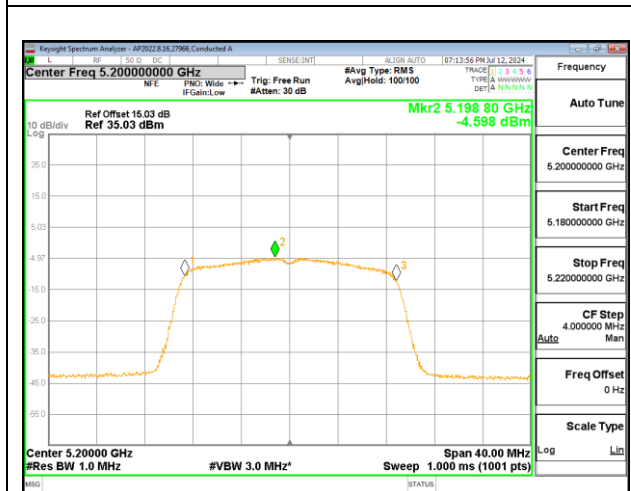
MID CHANNEL



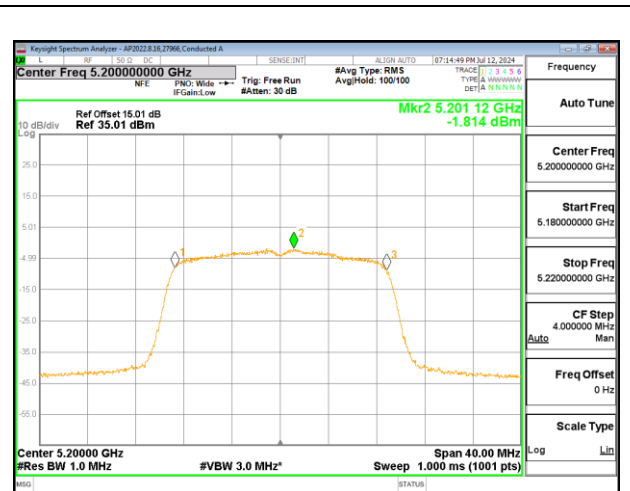
MID CHANNEL ANT 1



MID CHANNEL ANT 2

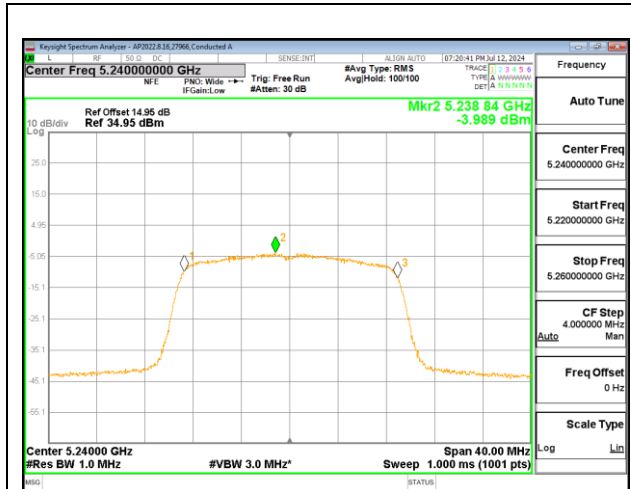


MID CHANNEL ANT 3

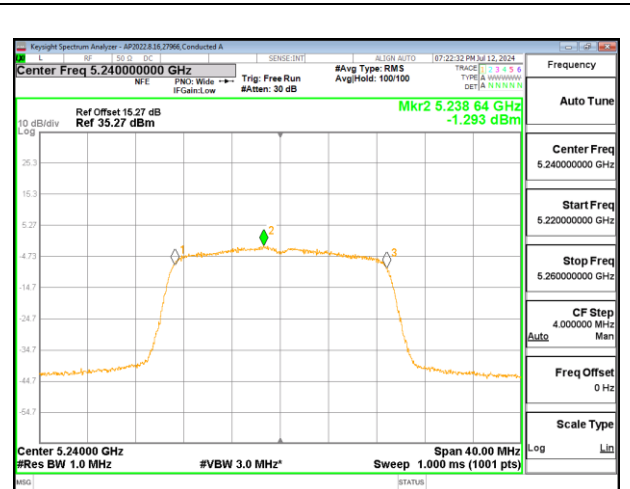


MID CHANNEL ANT 4

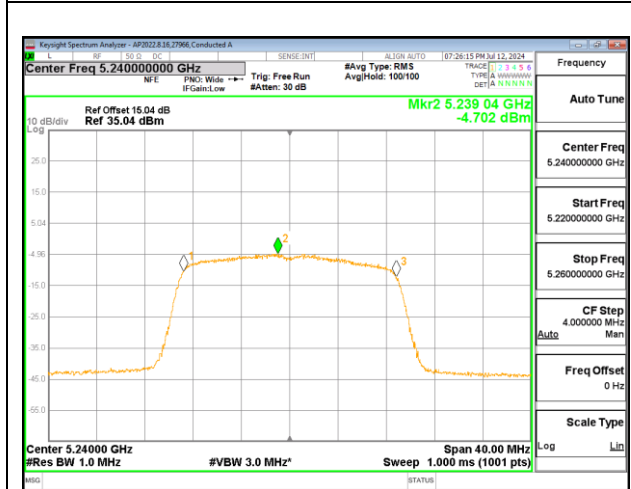
HIGH CHANNEL



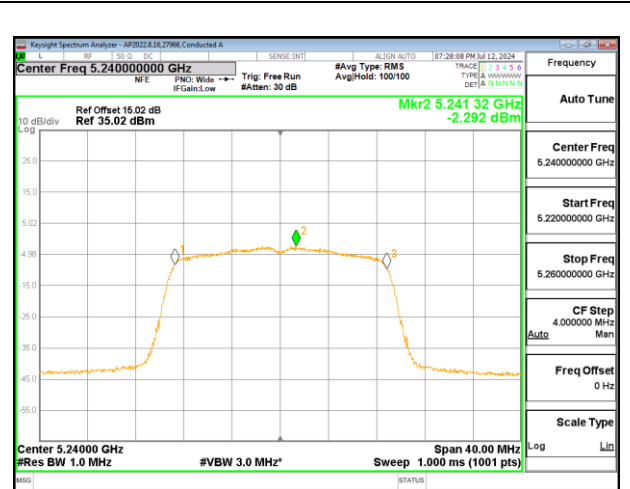
HIGH CHANNEL ANT 1



HIGH CHANNEL ANT 2



HIGH CHANNEL ANT 3



HIGH CHANNEL ANT 4

9.5.3. 802.11a MODE IN THE 5.3 GHz BAND

4TX Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4 CDD MODE (FCC+IC)

Test Engineer:	ZS 16080
Test Date:	2024/07/12

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	5260	20.24	16.392	1.20	4.90
Mid	5300	20.12	16.438	1.20	4.90
High	5320	20.20	16.405	1.20	4.90

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	5260	24.00	23.15	29.15	23.15	11.00	11.00	11.00
Mid	5300	24.00	23.16	29.16	23.16	11.00	11.00	11.00
High	5320	24.00	23.15	29.15	23.15	11.00	11.00	11.00

Duty Cycle CF (dB)	1.17	Included in Calculations of Corr'd PSD
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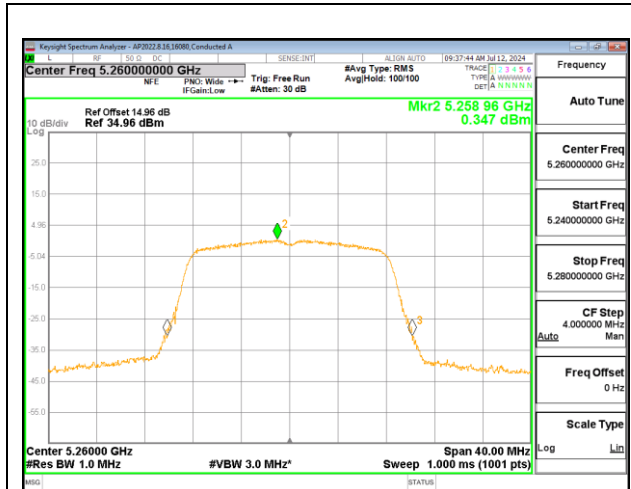
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.53	10.02	12.88	11.12	17.53	23.15	-5.62
Mid	5300	11.80	10.49	12.59	11.25	17.62	23.16	-5.54
High	5320	11.65	10.11	12.37	10.32	17.23	23.15	-5.92

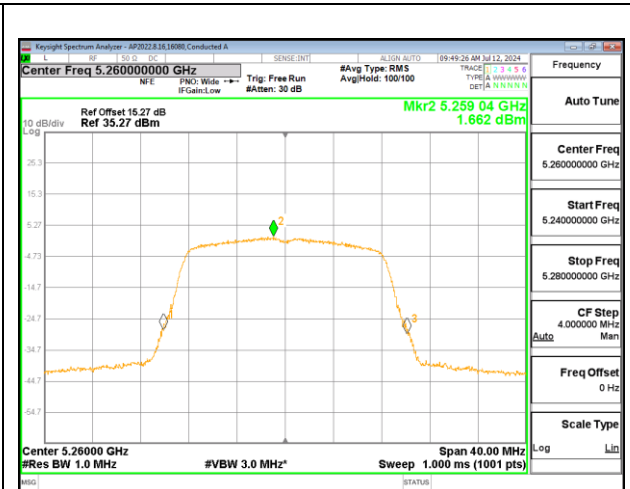
PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/1MHz)	Antenna 2 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Antenna 4 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5260	0.347	1.662	0.393	1.633	8.25	11.00	-2.75
Mid	5300	0.594	2.241	0.977	1.296	8.51	11.00	-2.49
High	5320	-0.492	0.203	-0.546	-0.395	6.89	11.00	-4.11

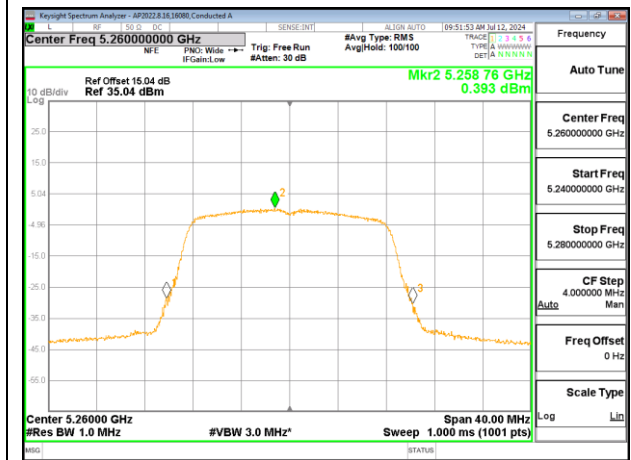
LOW CHANNEL



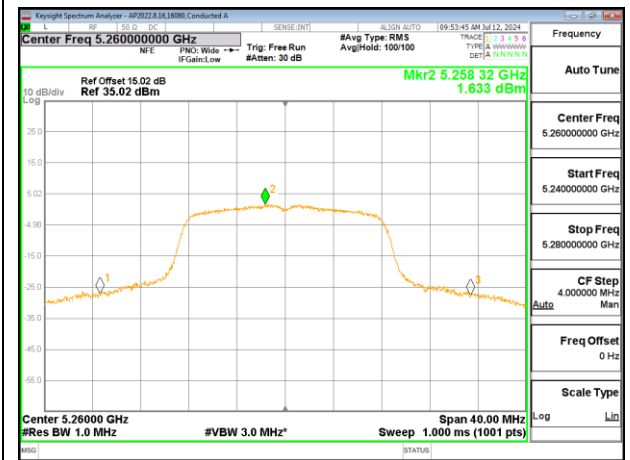
LOW CHANNEL ANT 1



LOW CHANNEL ANT 2

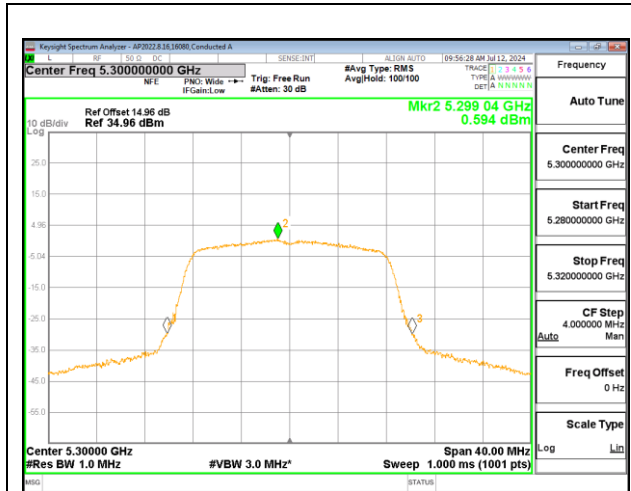


LOW CHANNEL ANT 3

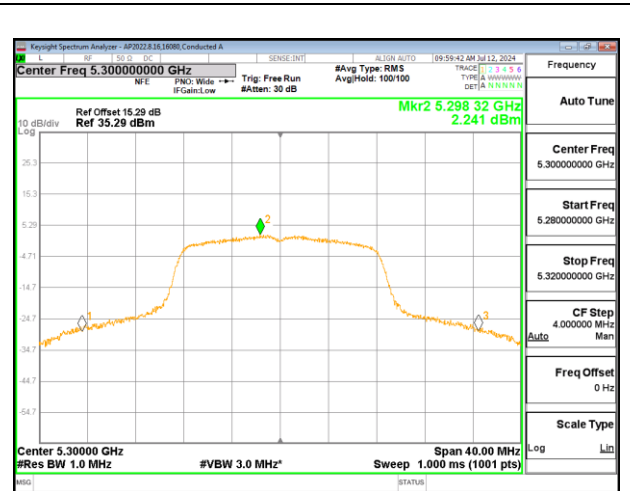


LOW CHANNEL ANT 4

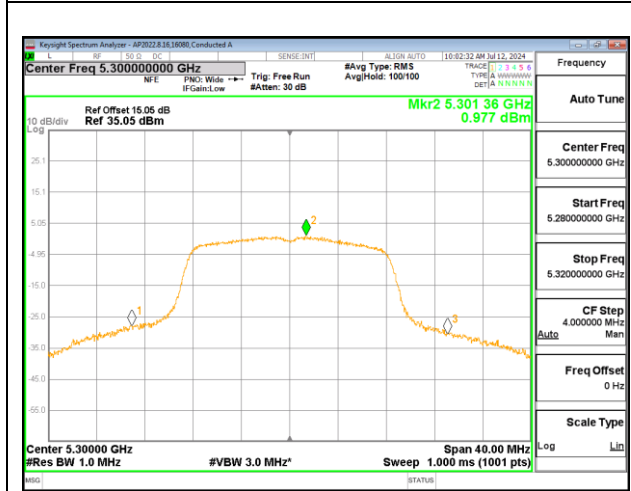
MID CHANNEL



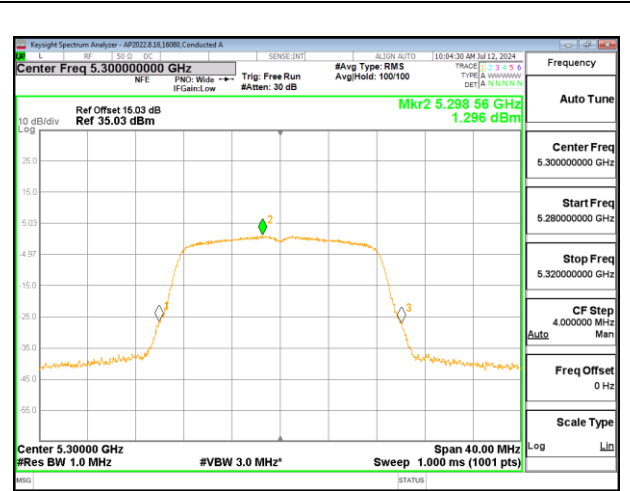
MID CHANNEL ANT 1



MID CHANNEL ANT 2

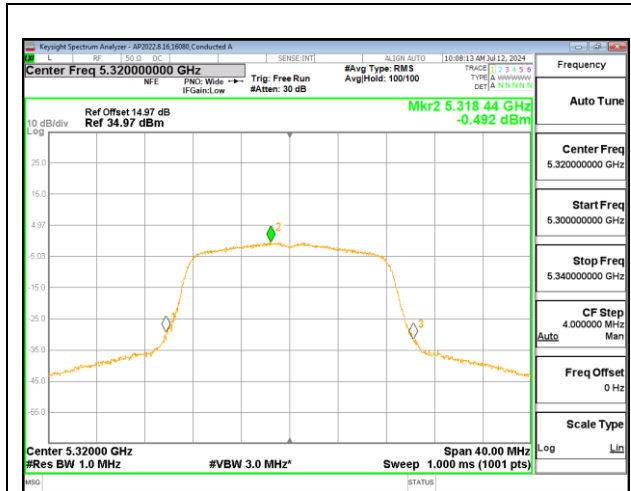


MID CHANNEL ANT 3

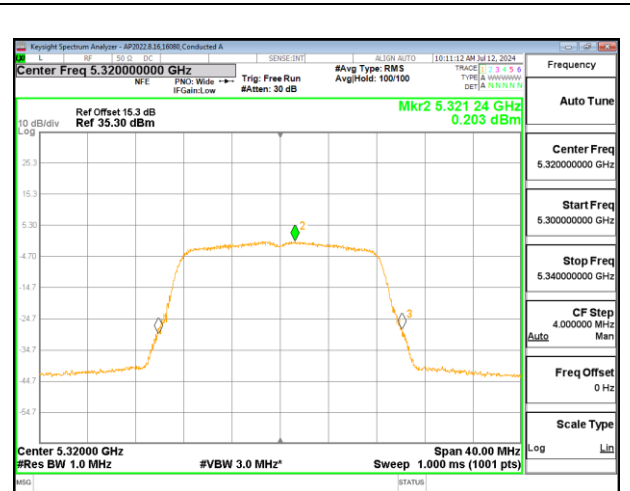


MID CHANNEL ANT 4

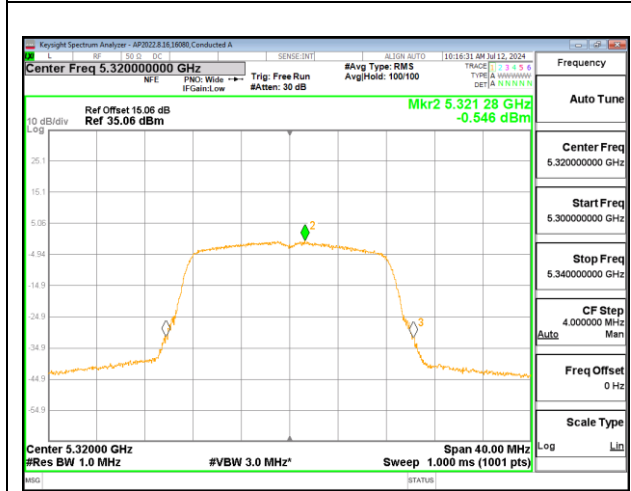
HIGH CHANNEL



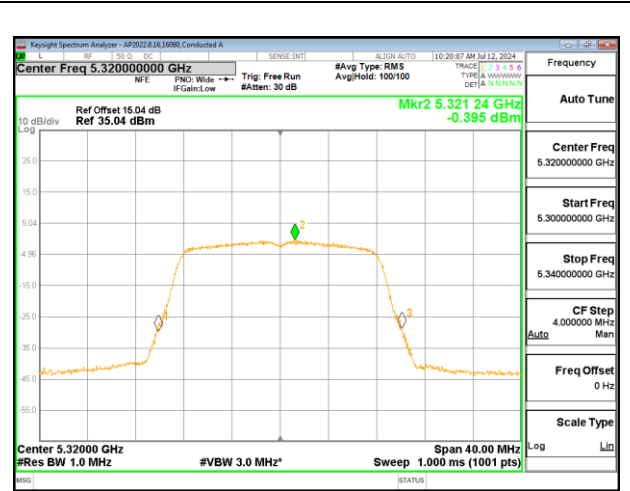
HIGH CHANNEL ANT 1



HIGH CHANNEL ANT 2



HIGH CHANNEL ANT 3



HIGH CHANNEL ANT 4

9.5.4. 802.11n HT20 MODE IN THE 5.3 GHz BAND

4TX Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4 CDD MODE (FCC+IC)

Test Engineer:	ZS 16080
Test Date:	2024/07/12

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	5260	20.24	17.567	1.20	4.90
Mid	5300	20.24	17.611	1.20	4.90
High	5320	20.16	17.556	1.20	4.90

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	5260	24.00	23.45	29.45	23.45	11.00	11.00	11.00
Mid	5300	24.00	23.46	29.46	23.46	11.00	11.00	11.00
High	5320	24.00	23.44	29.44	23.44	11.00	11.00	11.00

Duty Cycle CF (dB)	1.03	Included in Calculations of Corr'd PSD
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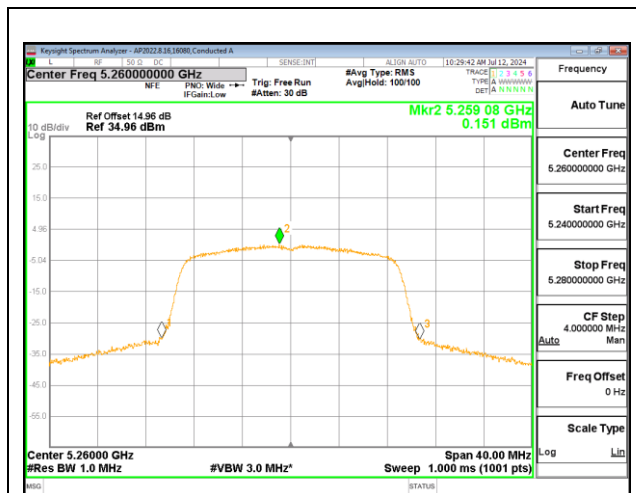
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5260	11.10	11.62	12.30	11.67	17.71	23.45	-5.73
Mid	5300	11.67	12.12	12.27	12.13	18.07	23.46	-5.38
High	5320	12.10	10.55	12.56	12.48	18.01	23.44	-5.43

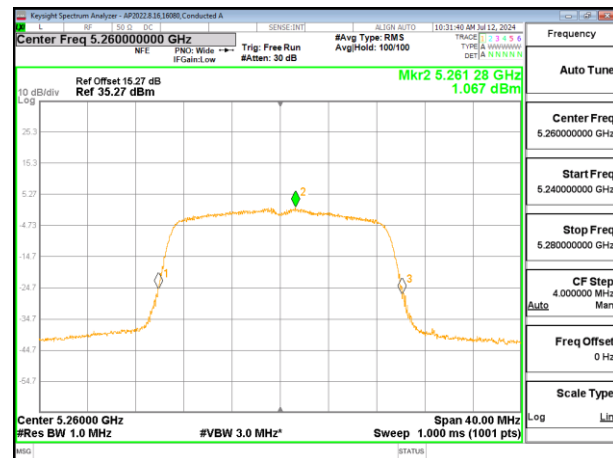
PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/1MHz)	Antenna 2 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Antenna 4 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5260	0.151	1.067	0.176	0.549	7.55	11.00	-3.45
Mid	5300	-1.291	1.748	0.149	0.391	7.43	11.00	-3.57
High	5320	-0.609	1.176	-0.280	0.502	7.30	11.00	-3.70

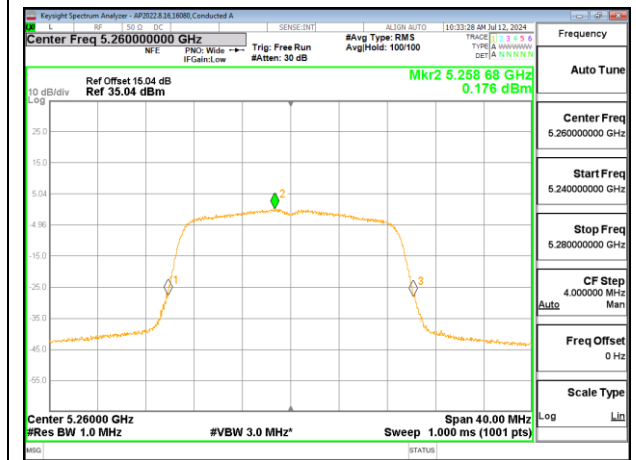
LOW CHANNEL



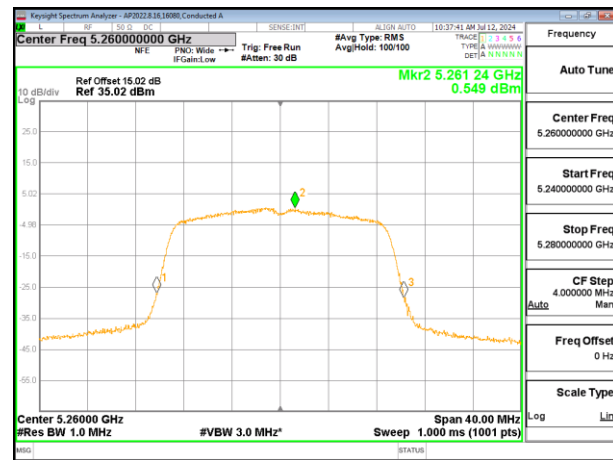
LOW CHANNEL ANT 1



LOW CHANNEL ANT 2

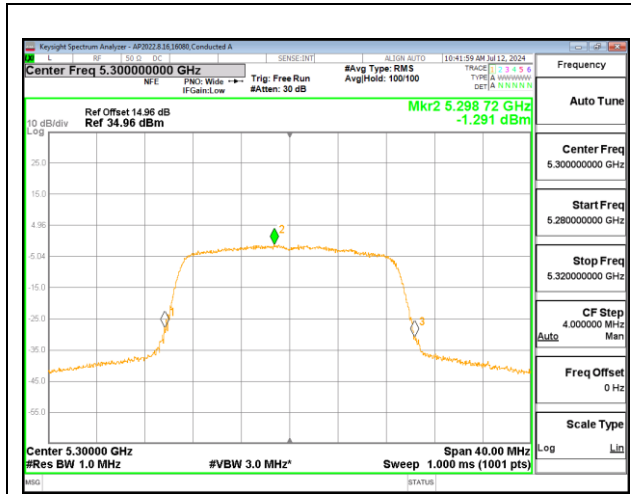


LOW CHANNEL ANT 3

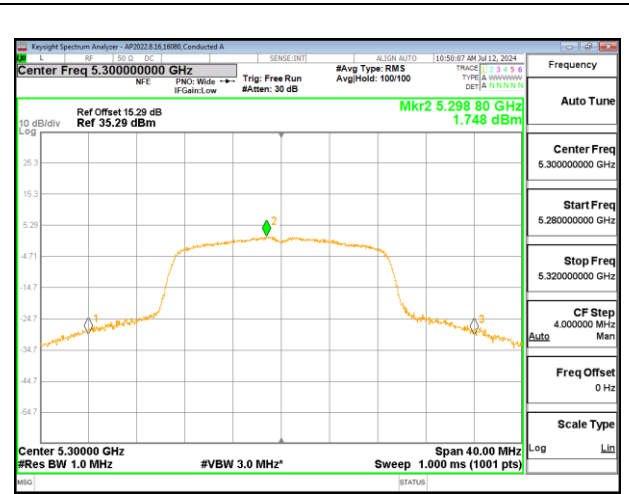


LOW CHANNEL ANT 4

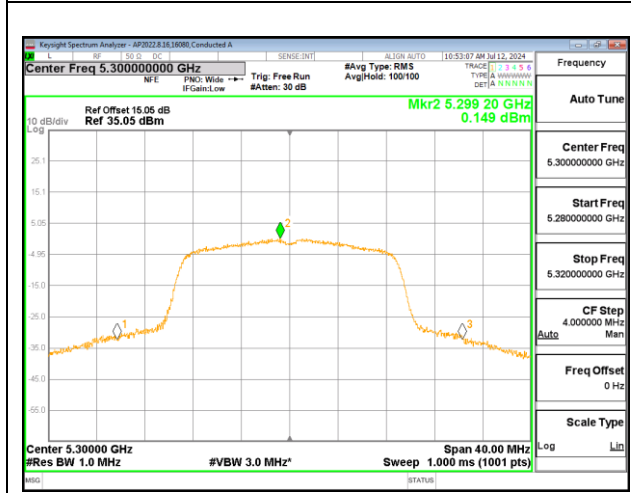
MID CHANNEL



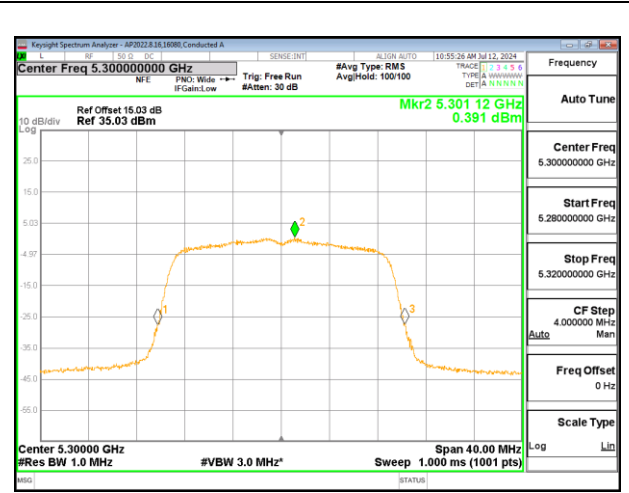
MID CHANNEL ANT 1



MID CHANNEL ANT 2

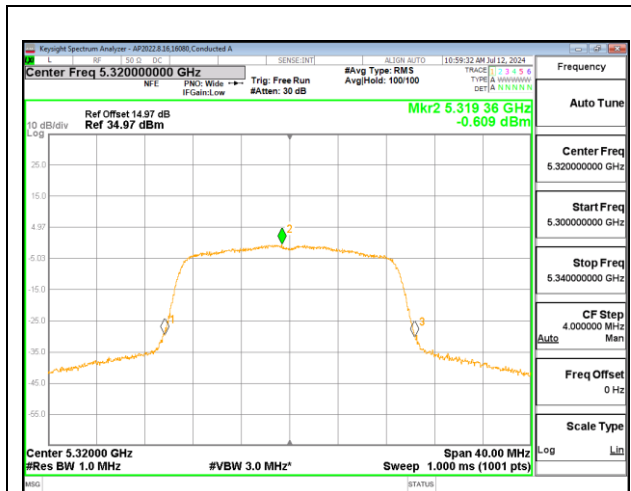


MID CHANNEL ANT 3

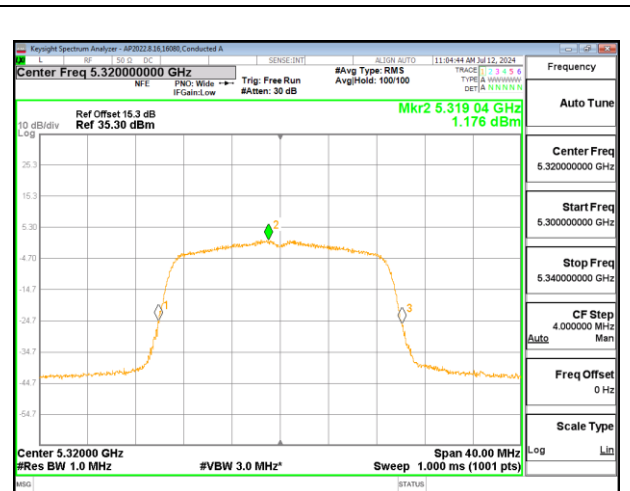


MID CHANNEL ANT 4

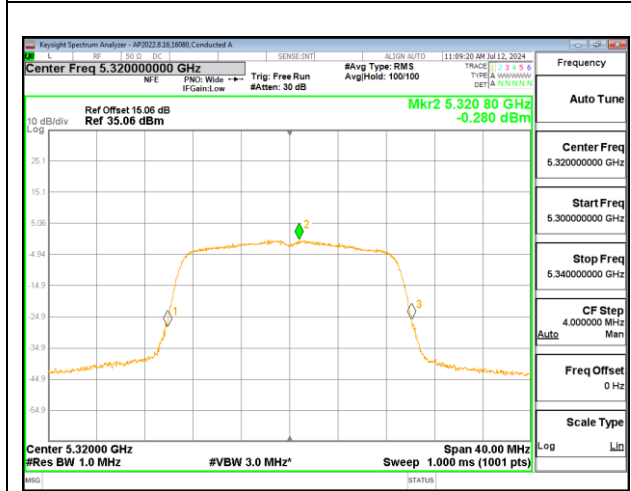
HIGH CHANNEL



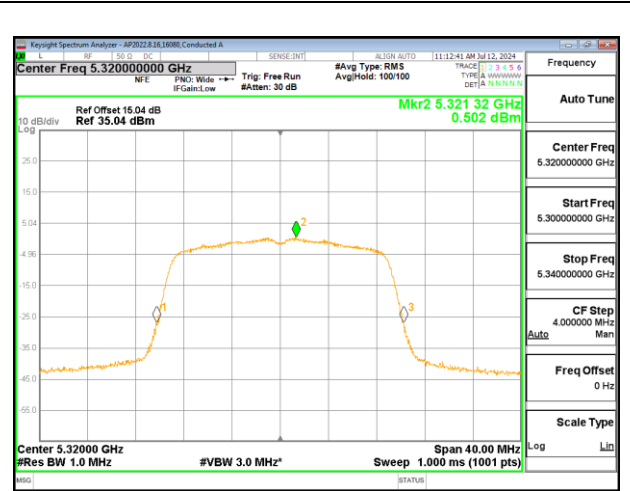
HIGH CHANNEL ANT 1



HIGH CHANNEL ANT 2



HIGH CHANNEL ANT 3



HIGH CHANNEL ANT 4

9.5.5. 802.11a MODE IN THE 5.6 GHz BAND

4TX Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4 CDD MODE (FCC+IC)

Test Engineer:	ZS16080
Test Date:	2024/07/12

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	20.20	16.449	1.10	5.60
Mid	5580	20.28	16.434	1.10	5.60
High	5700	20.12	16.404	1.10	5.60

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	5500	24.00	23.16	29.16	23.16	11.00	11.00	11.00
Mid	5580	24.00	23.16	29.16	23.16	11.00	11.00	11.00
High	5700	24.00	23.15	29.15	23.15	11.00	11.00	11.00

Duty Cycle CF (dB)	1.17	Included in Calculations of Corr'd PSD
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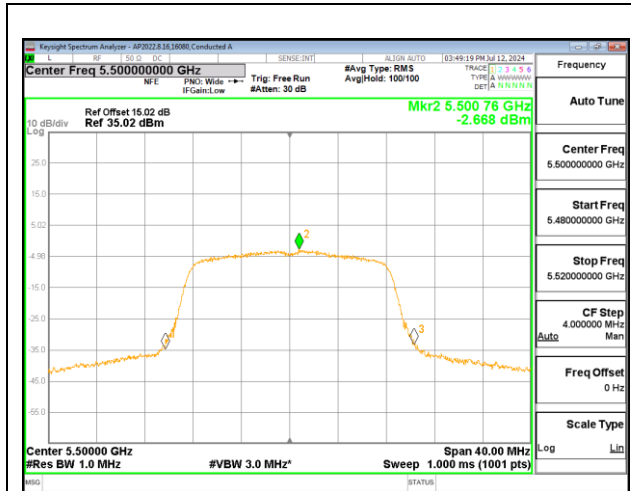
Output Power Results

Channel	Frequency (MHz)	Antenna 1 Meas Power (dBm)	Antenna 2 Meas Power (dBm)	Antenna 3 Meas Power (dBm)	Antenna 4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5500	12.47	9.50	13.74	12.51	18.33	23.16	-4.83
Mid	5580	12.70	10.11	13.44	12.33	18.33	23.16	-4.83
High	5700	10.41	10.91	11.20	11.23	16.97	23.15	-6.18

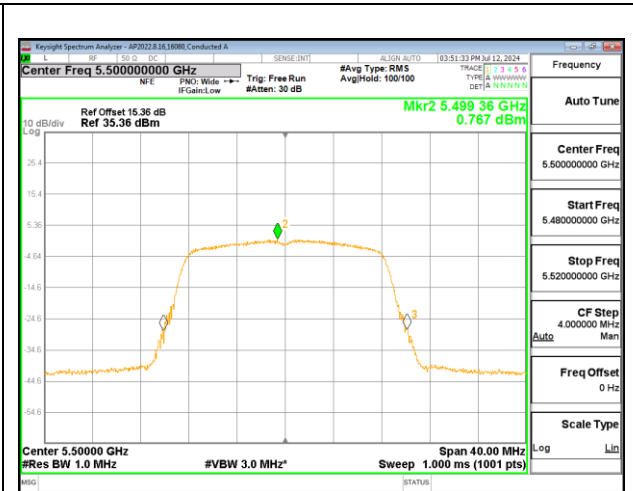
PSD Results

Channel	Frequency (MHz)	Antenna 1 Meas PSD (dBm/1MHz)	Antenna 2 Meas PSD (dBm/1MHz)	Antenna 3 Meas PSD (dBm/1MHz)	Antenna 4 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5500	-2.668	0.767	1.003	0.066	7.20	11.00	-3.80
Mid	5580	-2.229	1.032	0.655	-0.120	7.19	11.00	-3.81
High	5700	-3.639	-0.199	-1.281	-1.873	5.61	11.00	-5.39

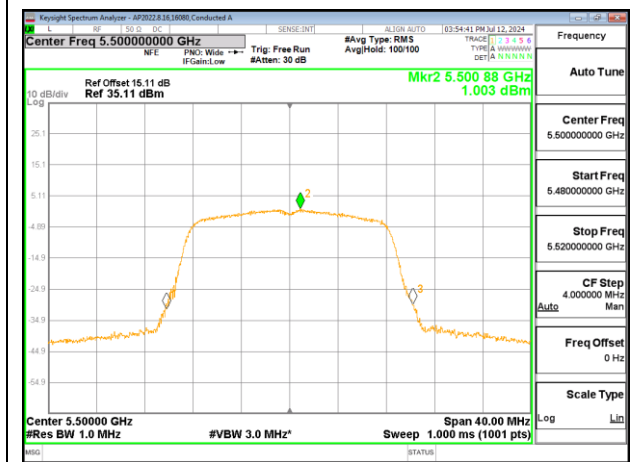
LOW CHANNEL



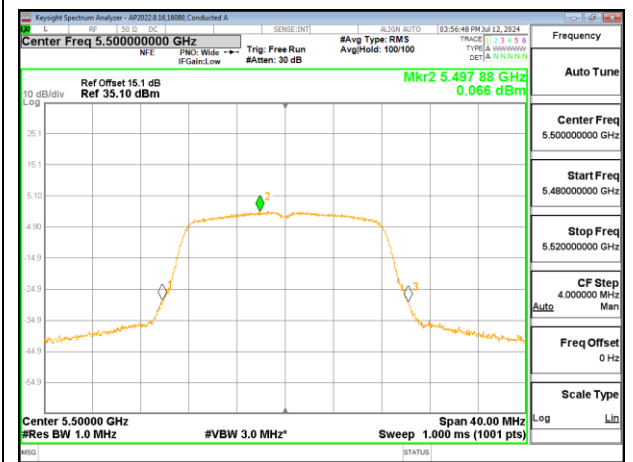
LOW CHANNEL ANT 1



LOW CHANNEL ANT 2



LOW CHANNEL ANT 3



LOW CHANNEL ANT 4