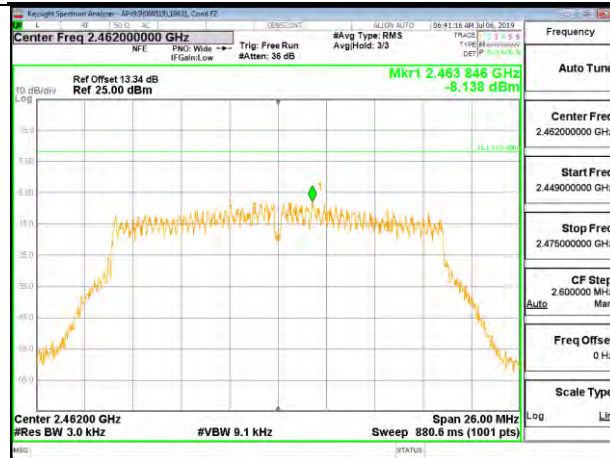
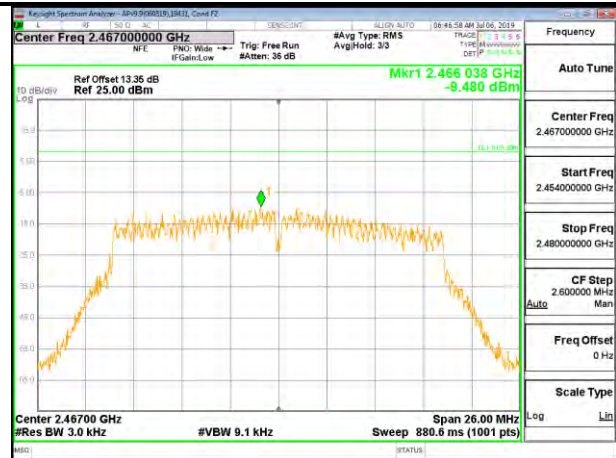
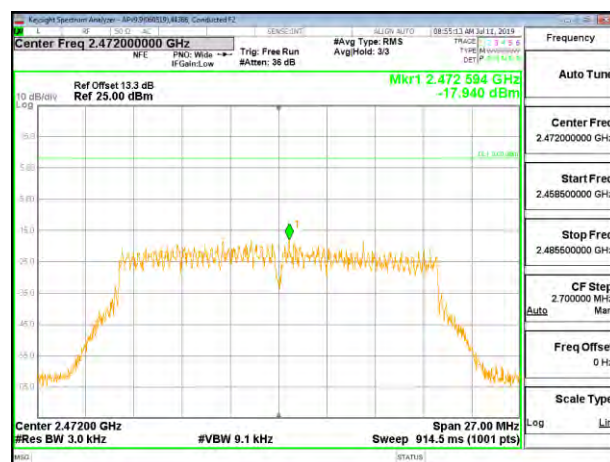




HIGH CHANNEL 11



HIGH CHANNEL 12



HIGH CHANNEL 13

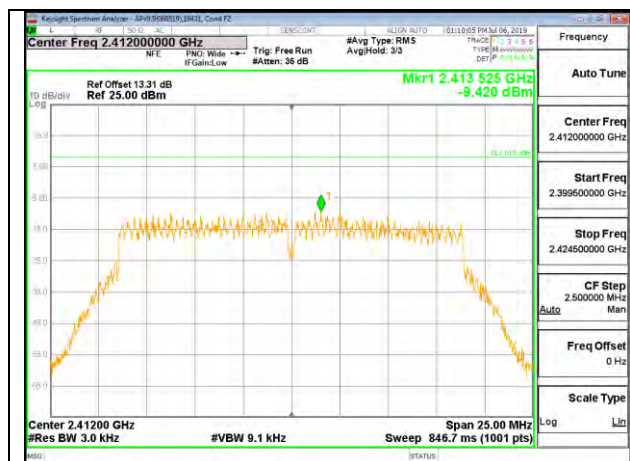
2TX Antenna 4 + Antenna 3 CDD MODE

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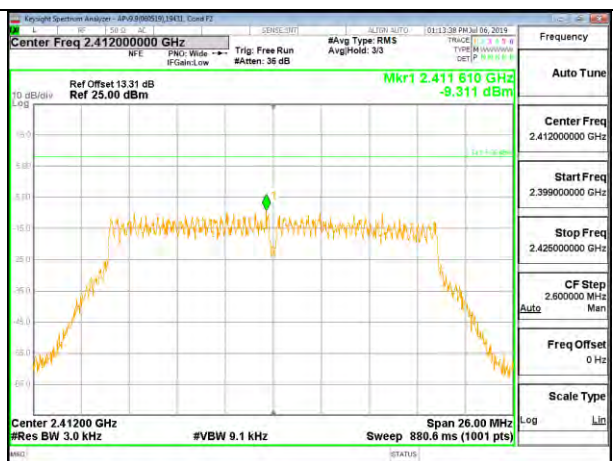
PSD Results

Channel	Frequency (MHz)	Ant 4 Meas (dBm/ 3kHz)	Ant 3 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-9.420	-9.311	-6.35	8.0	-14.4
Low 2	2417	-6.799	-6.822	-3.80	8.0	-11.8
Low 3	2422	-6.186	-4.172	-2.05	8.0	-10.1
Mid 6	2437	-6.010	-3.925	-1.83	8.0	-9.8
High 9	2452	-6.070	-5.535	-2.78	8.0	-10.8
High 10	2457	-6.590	-6.602	-3.59	8.0	-11.6
High 11	2462	-9.147	-9.013	-6.07	8.0	-14.1
High 12	2467	-10.584	-10.403	-7.48	8.0	-15.5
High 13	2472	-20.624	-20.614	-17.61	8.0	-25.6

LOW CHANNEL 1

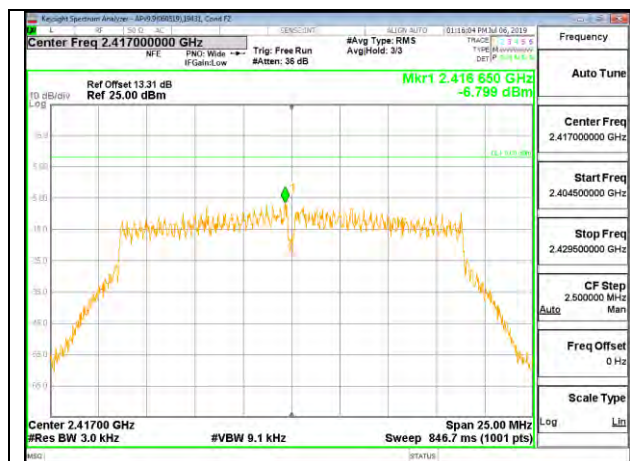


LOW CHANNEL 1 ANTENNA 4

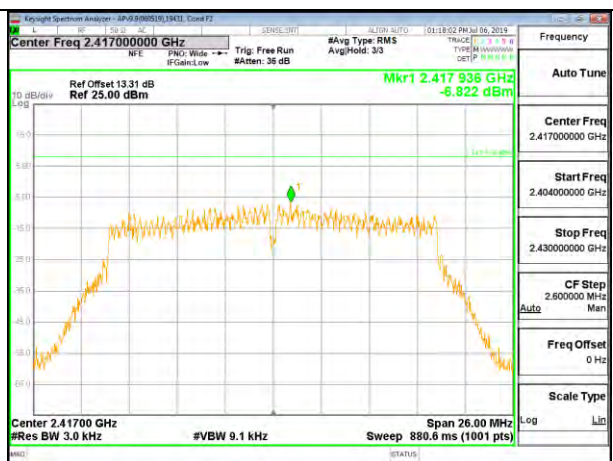


LOW CHANNEL 1 ANTENNA 3

LOW CHANNEL 2

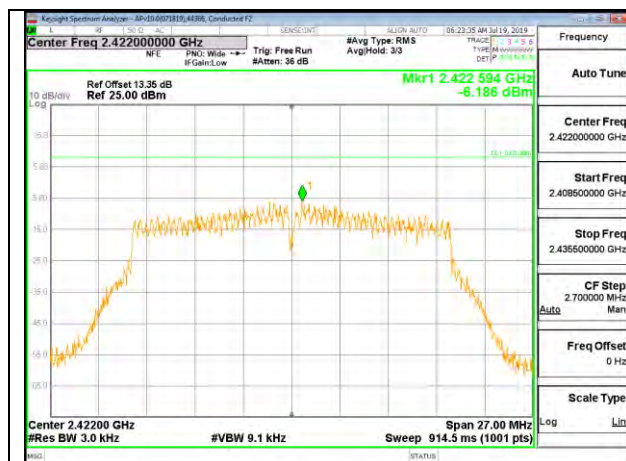


LOW CHANNEL 2 ANTENNA 4

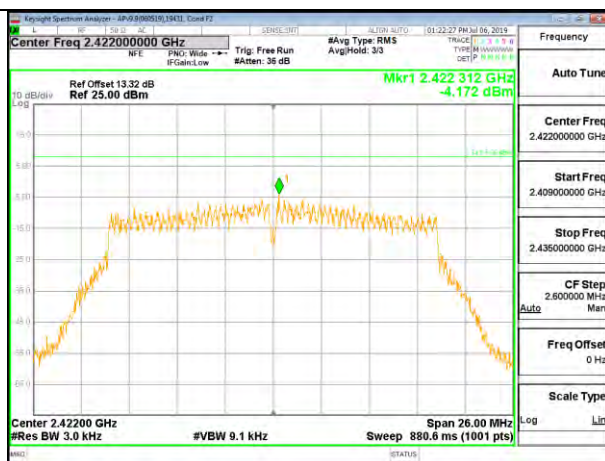


LOW CHANNEL 2 ANTENNA 3

LOW CHANNEL 3

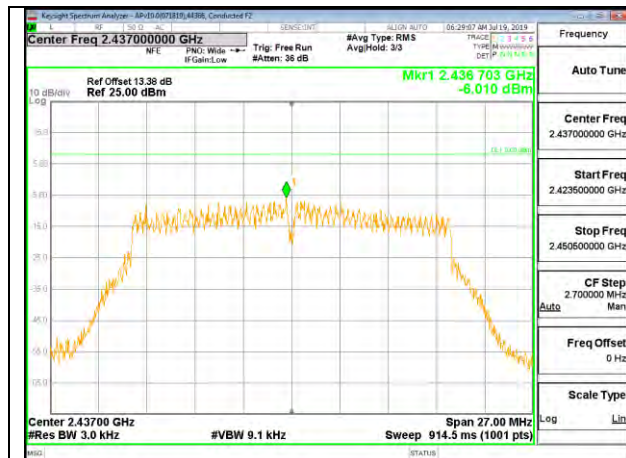


LOW CHANNEL 3 ANTENNA 4



LOW CHANNEL 3 ANTENNA 3

MID CHANNEL 6

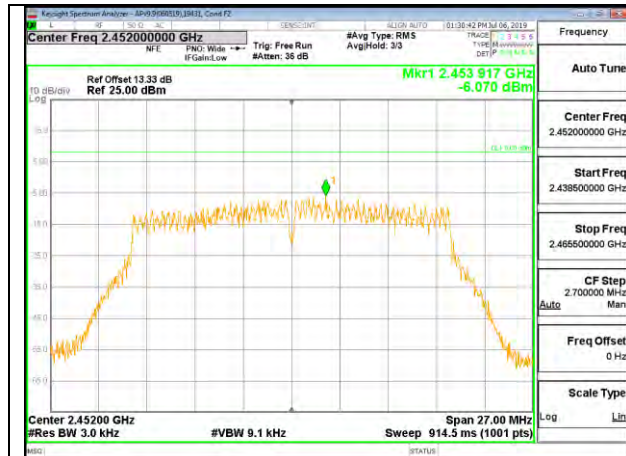


MID CHANNEL 6 ANTENNA 4



MID CHANNEL 6 ANTENNA 3

HIGH CHANNEL 9

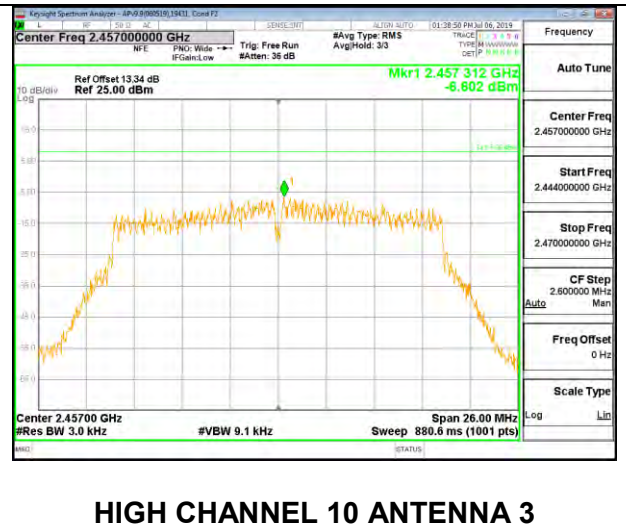
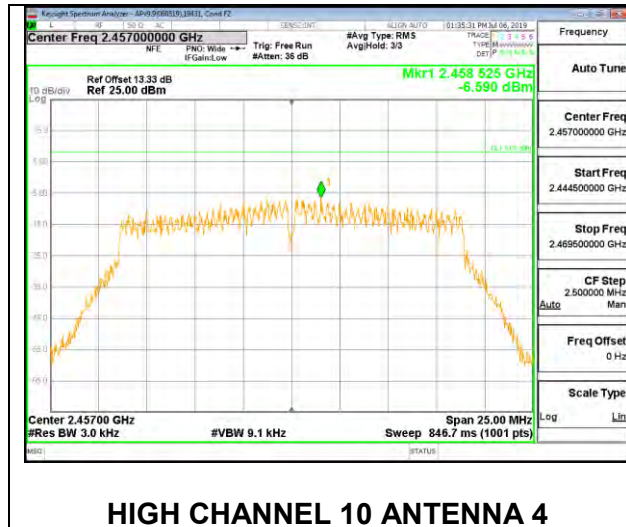


HIGH CHANNEL 9 ANTENNA 4

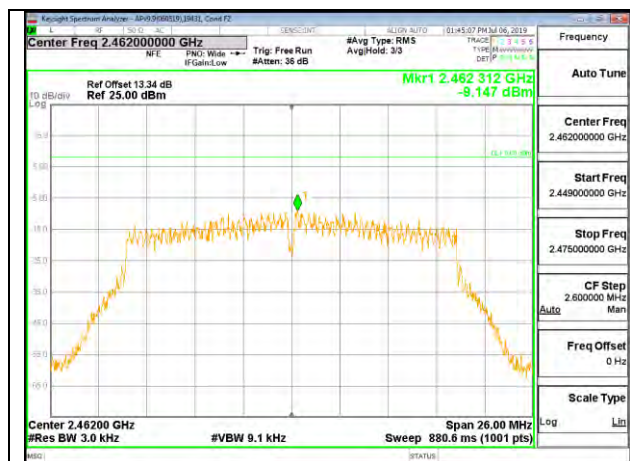


HIGH CHANNEL 9 ANTENNA 3

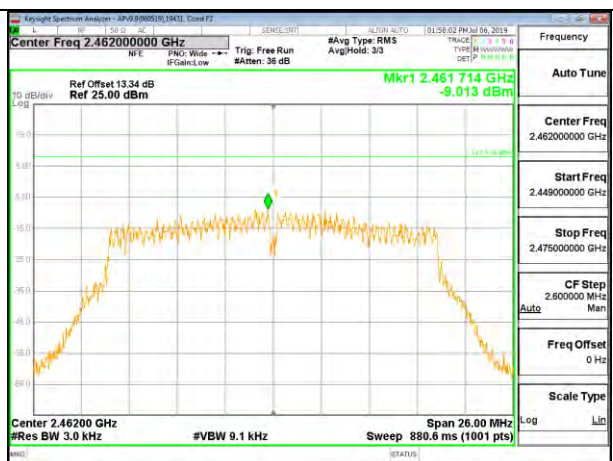
HIGH CHANNEL 10



HIGH CHANNEL 11

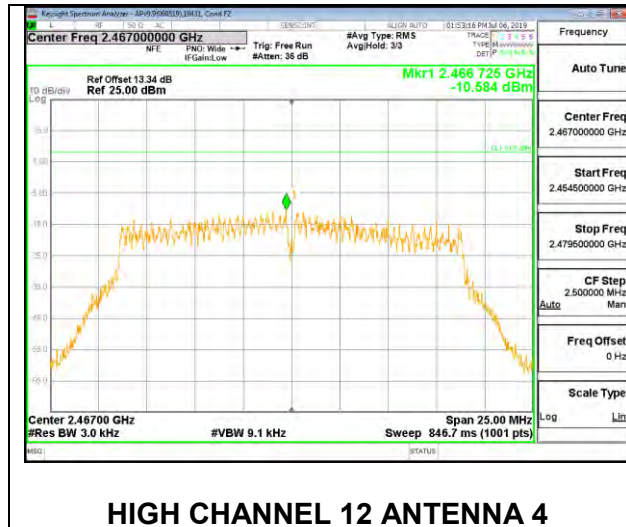


HIGH CHANNEL 11 ANTENNA 4

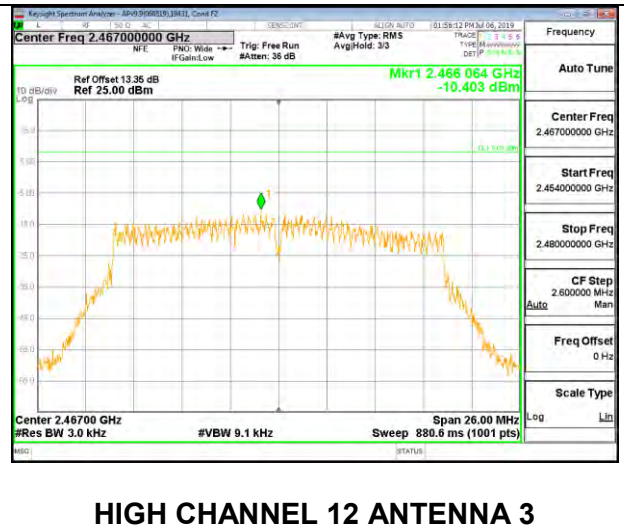


HIGH CHANNEL 11 ANTENNA 3

HIGH CHANNEL 12



HIGH CHANNEL 12 ANTENNA 4



HIGH CHANNEL 12 ANTENNA 3

The figure displays two side-by-side screenshots of a Keysight Spectrum Analyzer, showing the frequency spectrum for High Channel 13 Antenna 4 (left) and High Channel 13 Antenna 3 (right). Both plots show a signal between 2.470 and 2.472 GHz with a peak at approximately 2.471 GHz. The left plot has a peak at 2.470 726 GHz (-20.624 dBm) and the right plot has a peak at 2.470 414 GHz (-20.614 dBm). Both plots show a noise floor around -135 dBm/Hz.

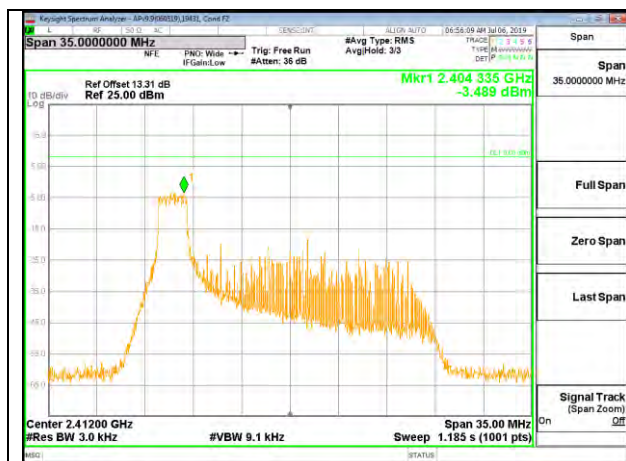
8.5.3. 802.11ax HE20 MODE

1TX Antenna 4 MODE: 26-Tones, RU Index 0

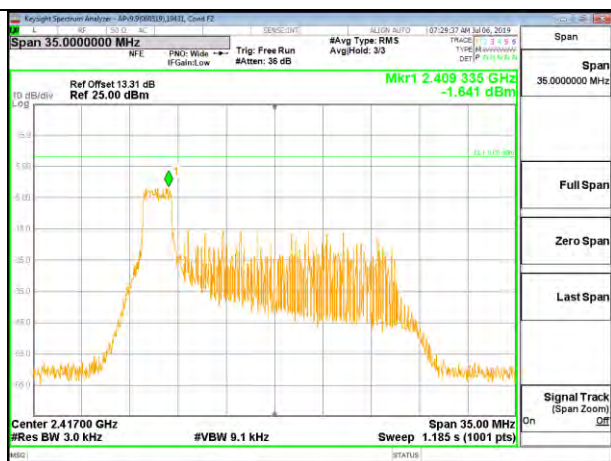
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

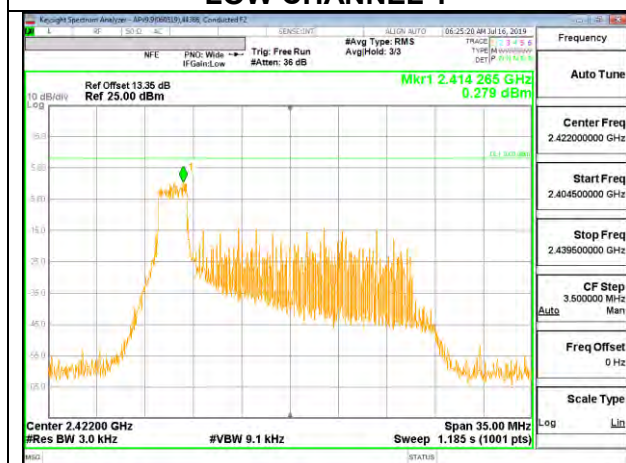
Channel	Frequency (MHz)	Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-3.489	-3.49	8.0	-11.5
Low 2	2417	-1.641	-1.64	8.0	-9.6
Low 3	2422	0.279	0.28	8.0	-7.7
Mid 6	2437	0.340	0.34	8.0	-7.7
High 9	2452	0.188	0.19	8.0	-7.8
High 10	2457	-1.406	-1.41	8.0	-9.4
High 11	2462	-3.330	-3.33	8.0	-11.3
High 12	2467	-4.850	-4.85	8.0	-12.9
High 13	2472	-18.463	-18.46	8.0	-26.5



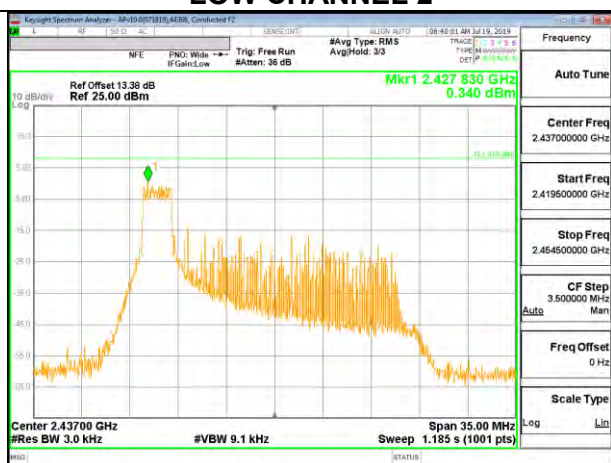
LOW CHANNEL 1



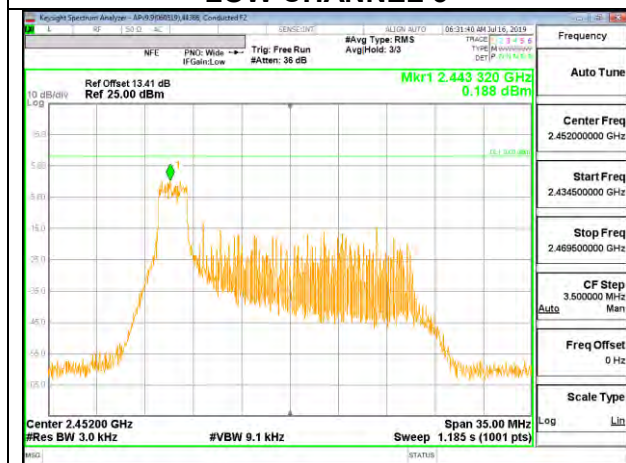
LOW CHANNEL 2



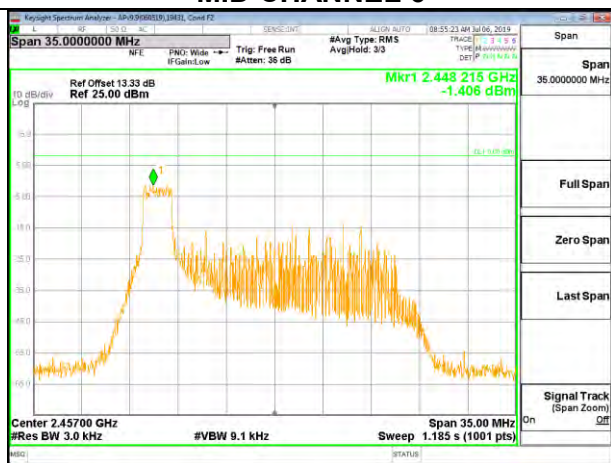
LOW CHANNEL 3



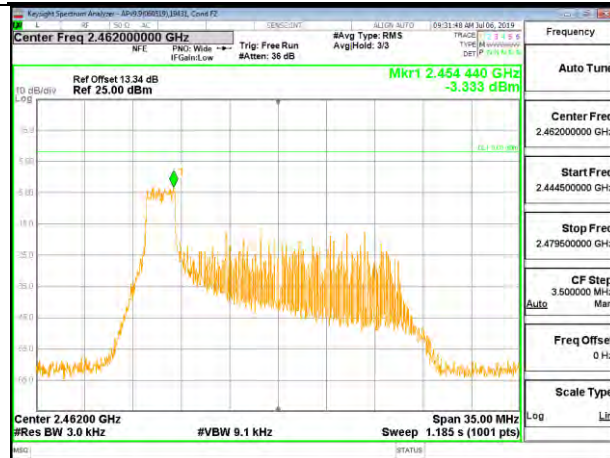
MID CHANNEL 6



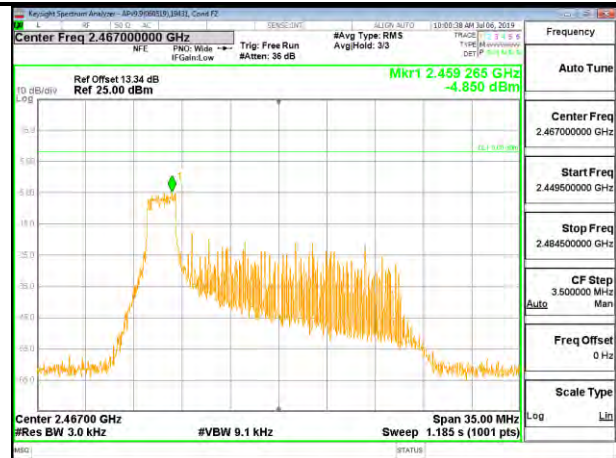
HIGH CHANNEL 9



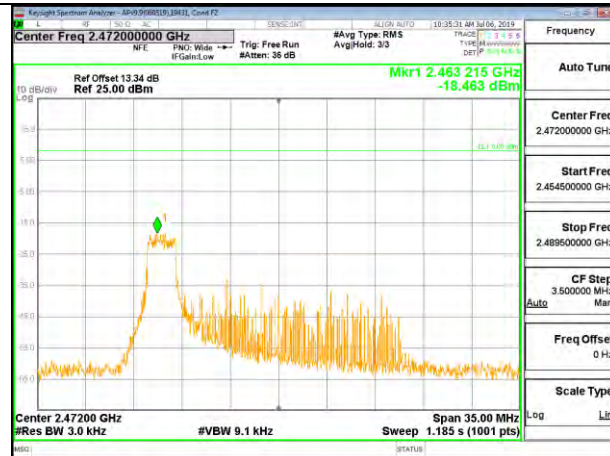
HIGH CHANNEL 10



HIGH CHANNEL 11



HIGH CHANNEL 12



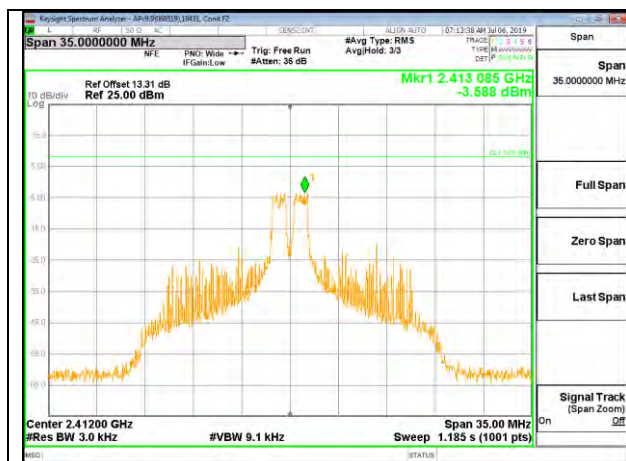
HIGH CHANNEL 13

1TX Antenna 4 MODE: 26-Tones, RU Index 4

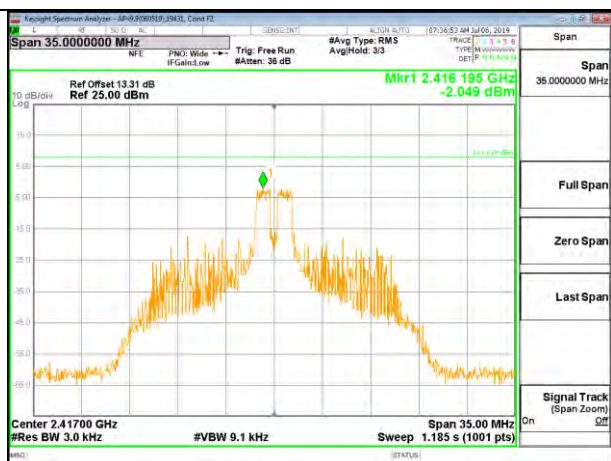
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

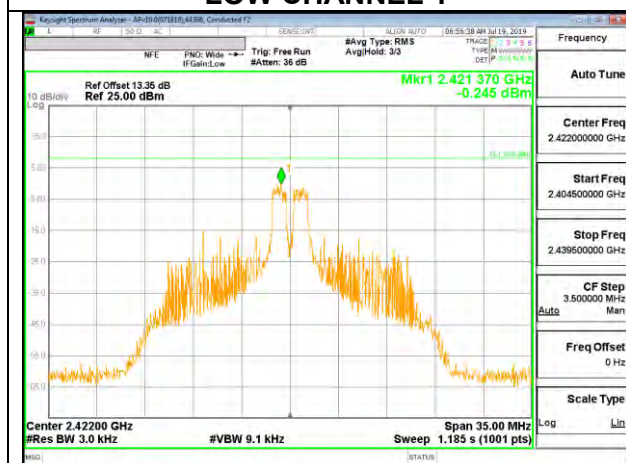
Channel	Frequency (MHz)	Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-3.588	-3.59	8.0	-11.6
Low 2	2417	-2.049	-2.05	8.0	-10.0
Low 3	2422	-0.245	-0.25	8.0	-8.2
Mid 6	2437	-0.009	-0.01	8.0	-8.0
High 9	2452	-0.346	-0.35	8.0	-8.3
High 10	2457	-2.056	-2.06	8.0	-10.1
High 11	2462	-3.829	-3.83	8.0	-11.8
High 12	2467	-4.954	-4.95	8.0	-13.0
High 13	2472	-18.514	-18.51	8.0	-26.5



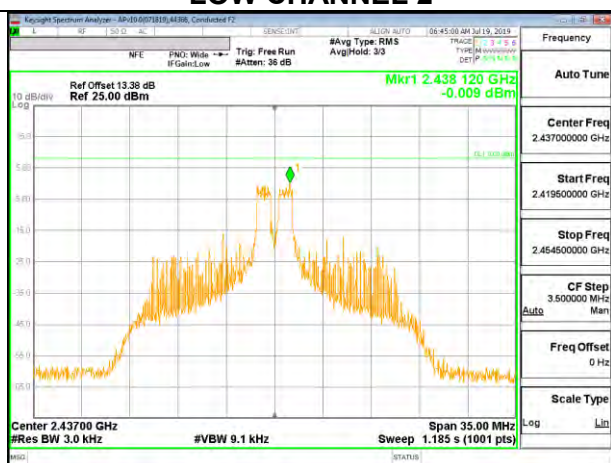
LOW CHANNEL 1



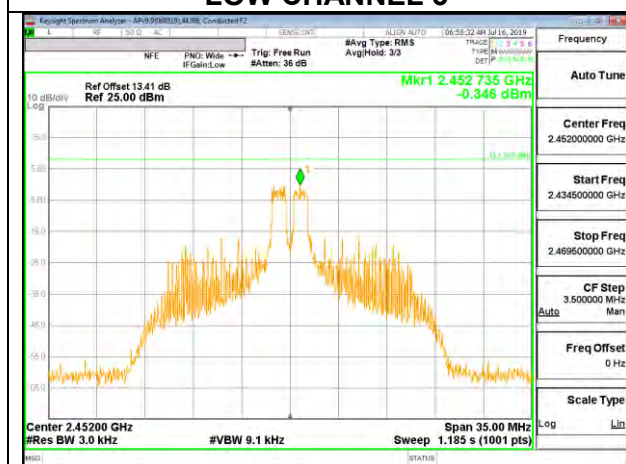
LOW CHANNEL 2



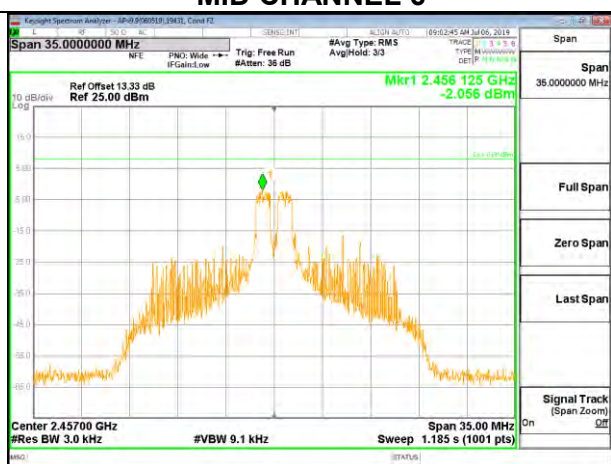
LOW CHANNEL 3



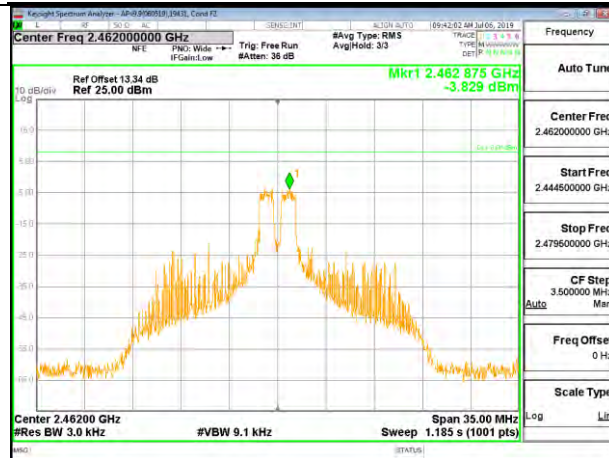
MID CHANNEL 6



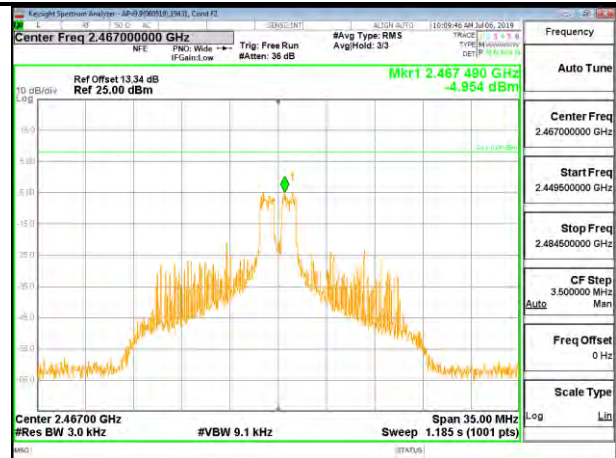
HIGH CHANNEL 9



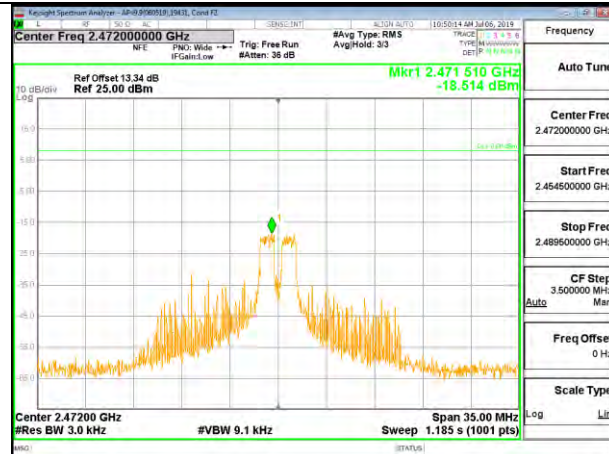
HIGH CHANNEL 10



HIGH CHANNEL 11



HIGH CHANNEL 12



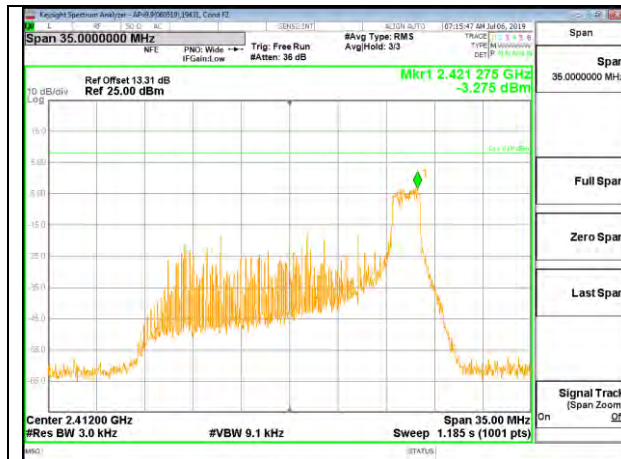
HIGH CHANNEL 13

1TX Antenna 4 MODE: 26-Tones, RU Index 8

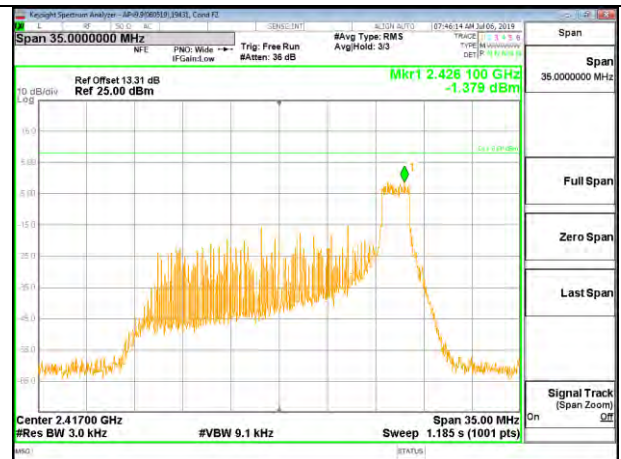
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

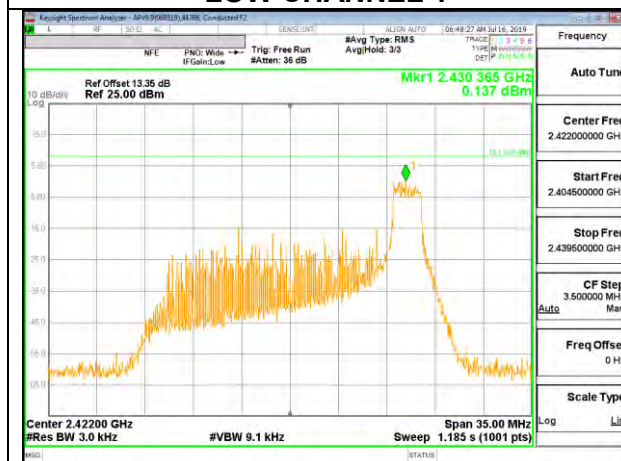
Channel	Frequency (MHz)	Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-3.275	-3.28	8.0	-11.3
Low 2	2417	-1.379	-1.38	8.0	-9.4
Low 3	2422	0.137	0.14	8.0	-7.9
Mid 6	2437	0.210	0.21	8.0	-7.8
High 9	2452	0.182	0.18	8.0	-7.8
High 10	2457	-1.238	-1.24	8.0	-9.2
High 11	2462	-3.359	-3.36	8.0	-11.4
High 12	2467	-4.884	-4.88	8.0	-12.9
High 13	2472	-18.355	-18.36	8.0	-26.4



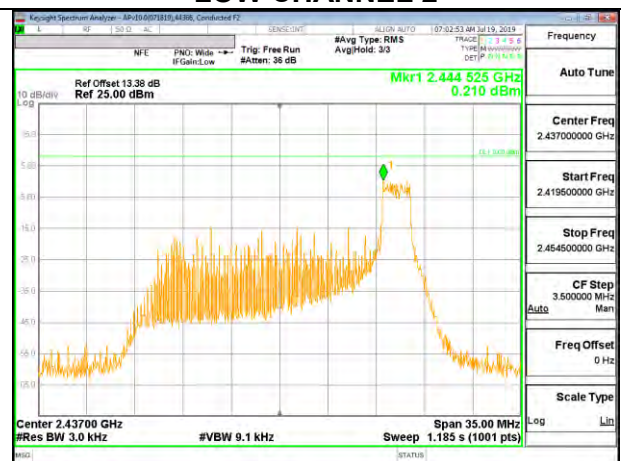
LOW CHANNEL 1



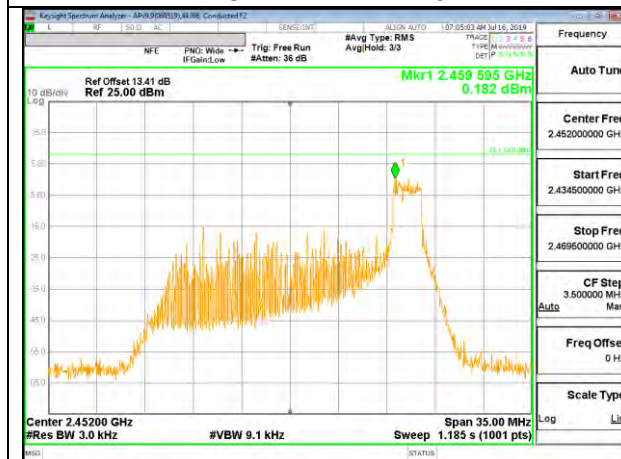
LOW CHANNEL 2



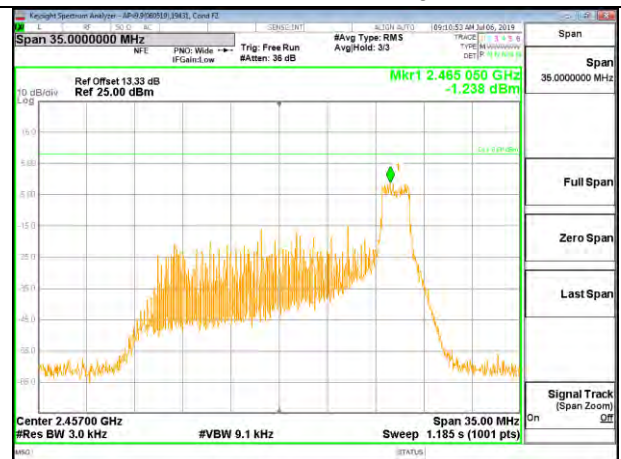
LOW CHANNEL 3



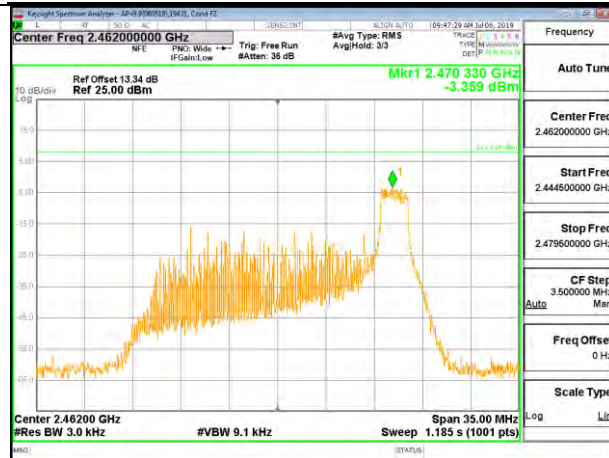
MID CHANNEL 6



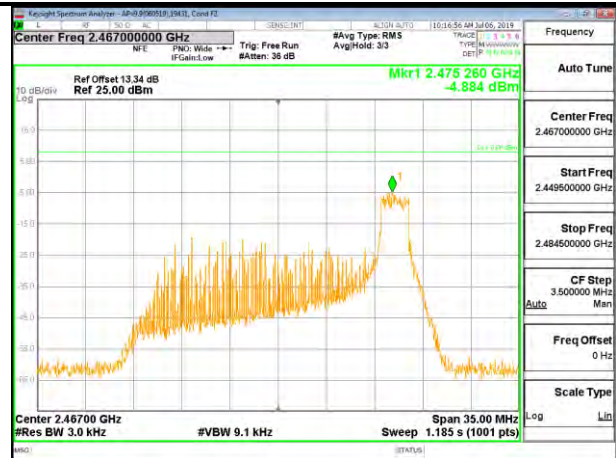
HIGH CHANNEL 9



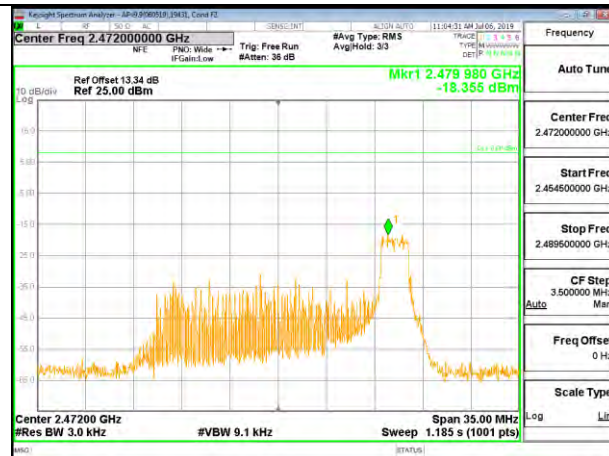
HIGH CHANNEL 10



HIGH CHANNEL 11



HIGH CHANNEL 12



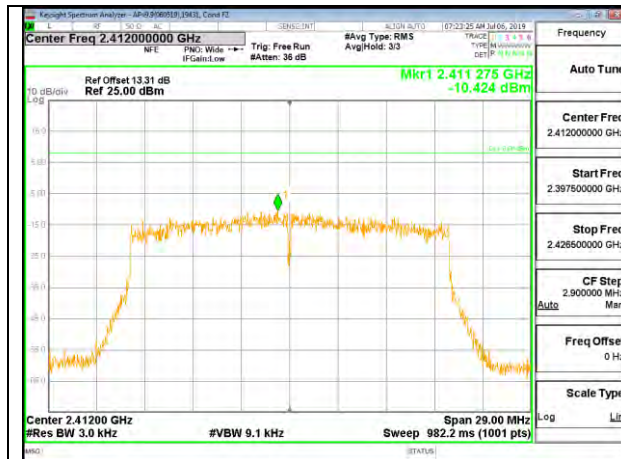
HIGH CHANNEL 13

1TX Antenna 4 MODE: 242-Tones, RU Index 61

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

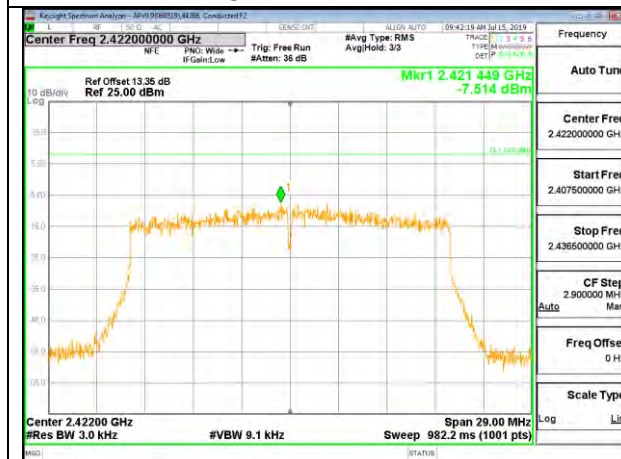
Channel	Frequency (MHz)	Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-10.424	-10.42	8.0	-18.4
Low 2	2417	-8.305	-8.31	8.0	-16.3
Low 3	2422	-7.514	-7.51	8.0	-15.5
Mid 6	2437	-7.271	-7.27	8.0	-15.3
High 9	2452	-7.491	-7.49	8.0	-15.5
High 10	2457	-8.207	-8.21	8.0	-16.2
High 11	2462	-10.166	-10.17	8.0	-18.2
High 12	2467	-11.883	-11.88	8.0	-19.9
High 13	2472	-25.400	-25.40	8.0	-33.4



LOW CHANNEL 1



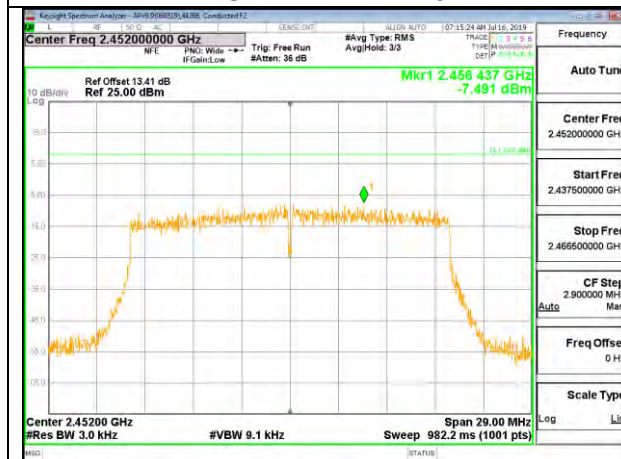
LOW CHANNEL 2



LOW CHANNEL 3



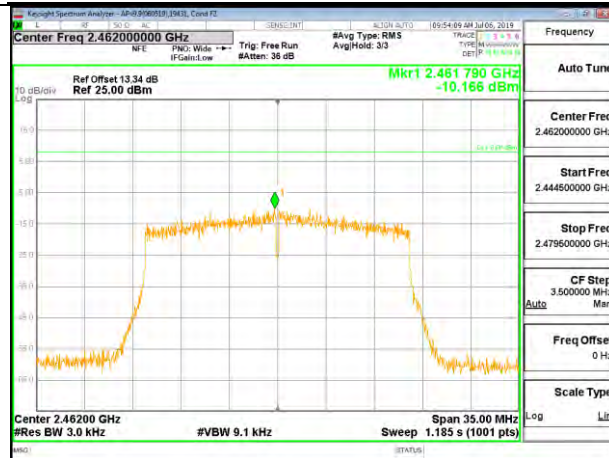
MID CHANNEL 6



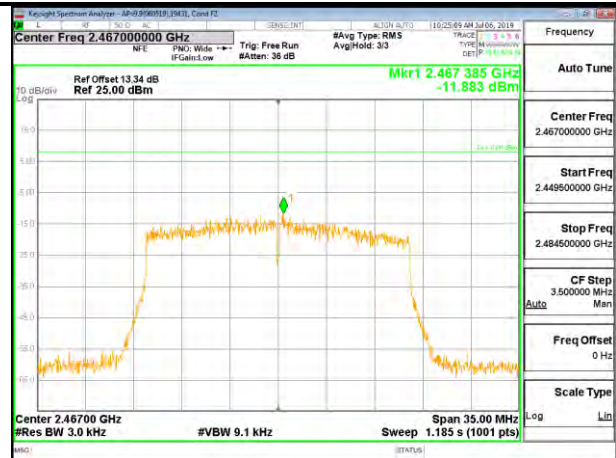
HIGH CHANNEL 9



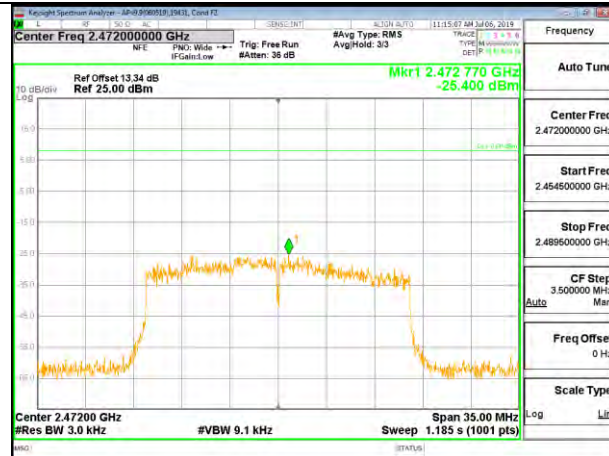
HIGH CHANNEL 10



HIGH CHANNEL 11



HIGH CHANNEL 12



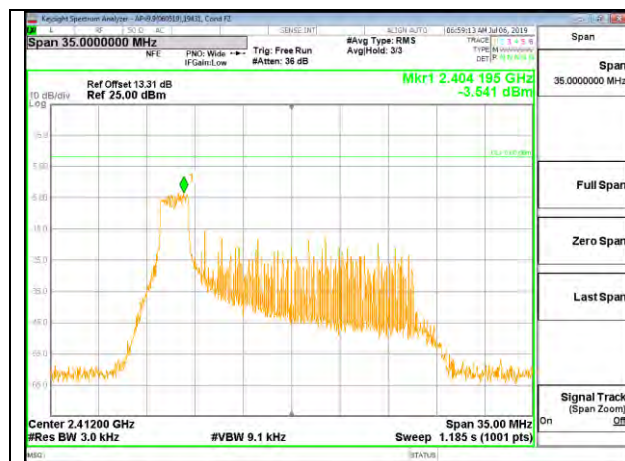
HIGH CHANNEL 13

1TX Antenna 3 MODE: 26-Tones, RU Index 0

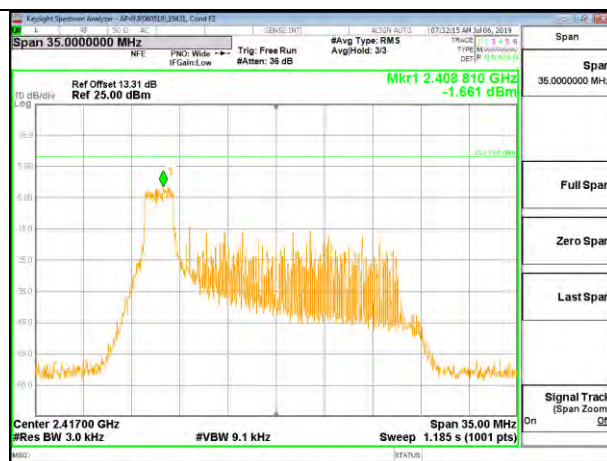
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

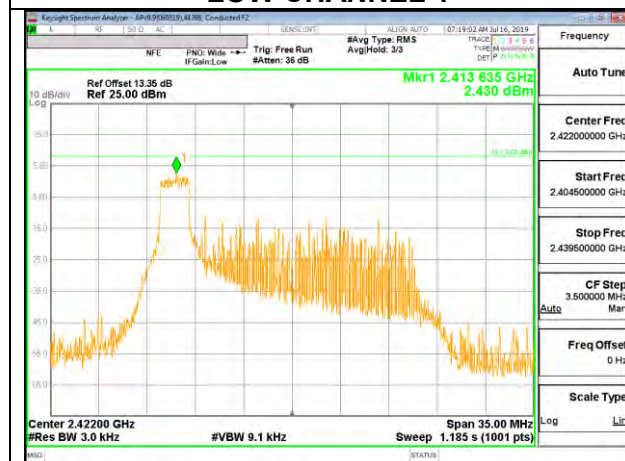
Channel	Frequency (MHz)	Ant 1 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-3.541	-3.54	8.0	-11.5
Low 2	2417	-1.661	-1.66	8.0	-9.7
Low 3	2422	2.430	2.43	8.0	-5.6
Mid 6	2437	2.568	2.57	8.0	-5.4
High 9	2452	2.476	2.48	8.0	-5.5
High 10	2457	-1.664	-1.66	8.0	-9.7
High 11	2462	-3.683	-3.68	8.0	-11.7
High 12	2467	-4.635	-4.64	8.0	-12.6
High 13	2472	-18.379	-18.38	8.0	-26.4



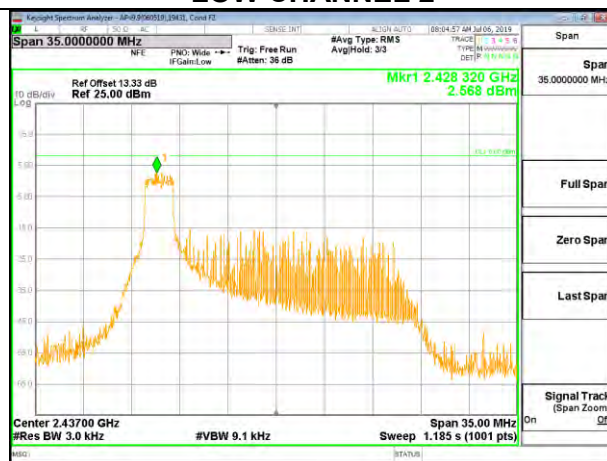
LOW CHANNEL 1



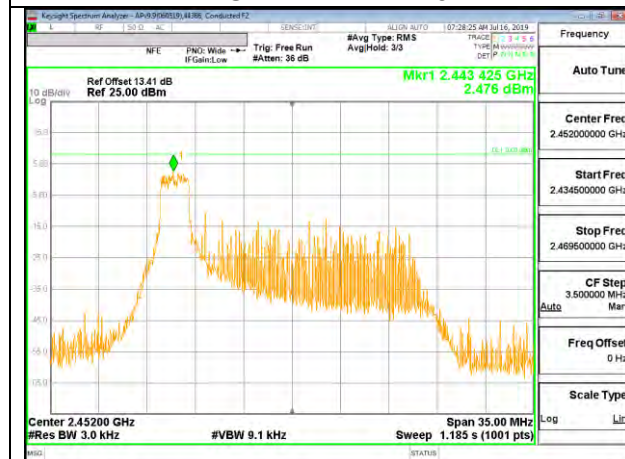
LOW CHANNEL 2



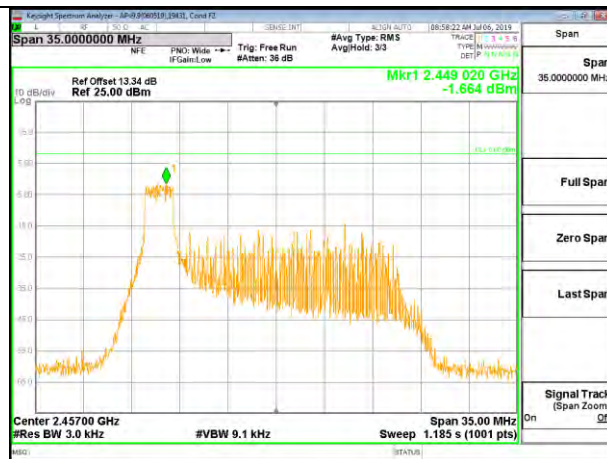
LOW CHANNEL 3



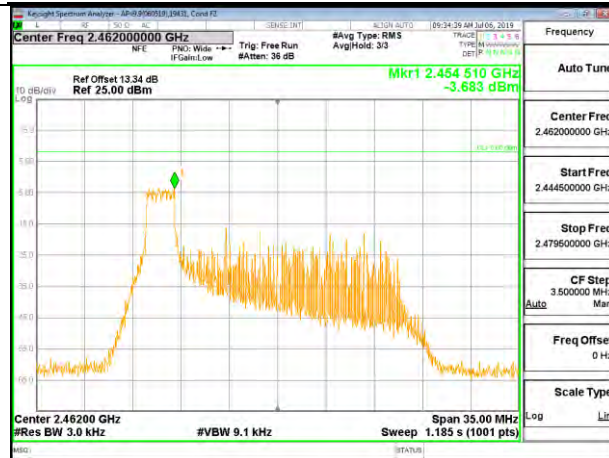
MID CHANNEL 6



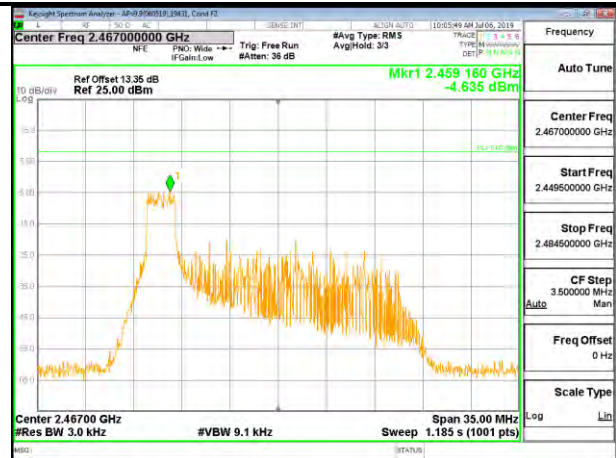
HIGH CHANNEL 9



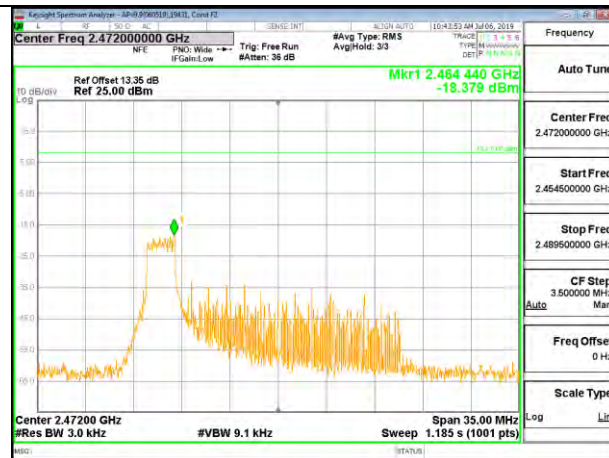
HIGH CHANNEL 10



HIGH CHANNEL 11



HIGH CHANNEL 12



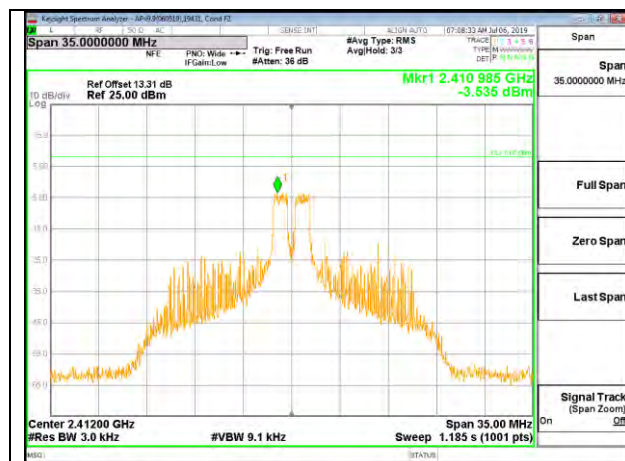
HIGH CHANNEL 13

1TX Antenna 3 MODE: 26-Tones, RU Index 4

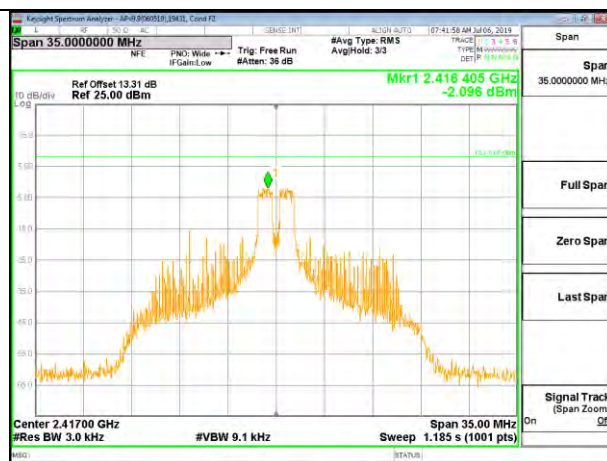
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

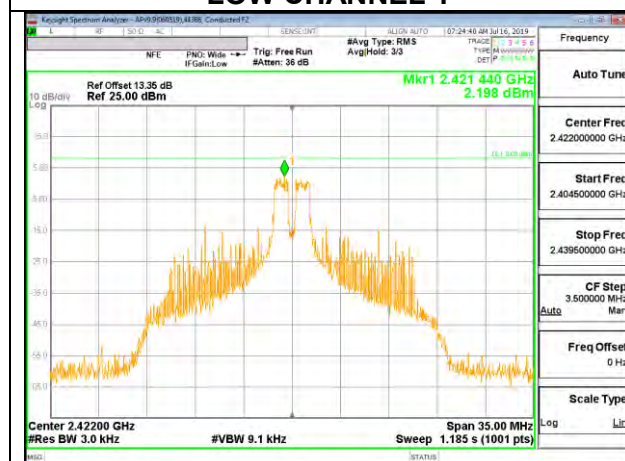
Channel	Frequency (MHz)	Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-3.535	-3.54	8.0	-11.5
Low 2	2417	-2.096	-2.10	8.0	-10.1
Low 3	2422	2.198	2.20	8.0	-5.8
Mid 6	2437	2.235	2.24	8.0	-5.8
High 9	2452	2.194	2.19	8.0	-5.8
High 10	2457	-1.860	-1.86	8.0	-9.9
High 11	2462	-3.667	-3.67	8.0	-11.7
High 12	2467	-5.048	-5.05	8.0	-13.0
High 13	2472	-18.488	-18.49	8.0	-26.5



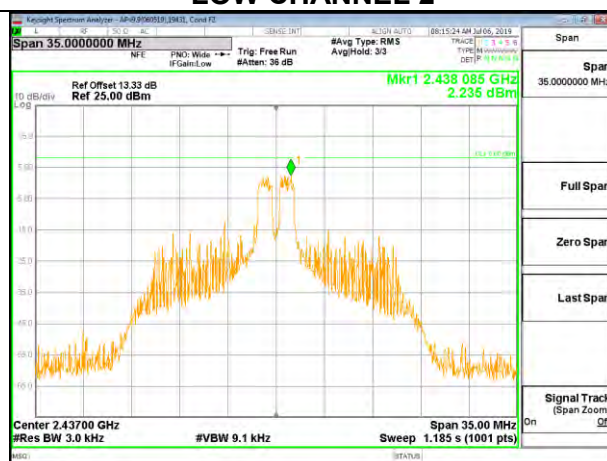
LOW CHANNEL 1



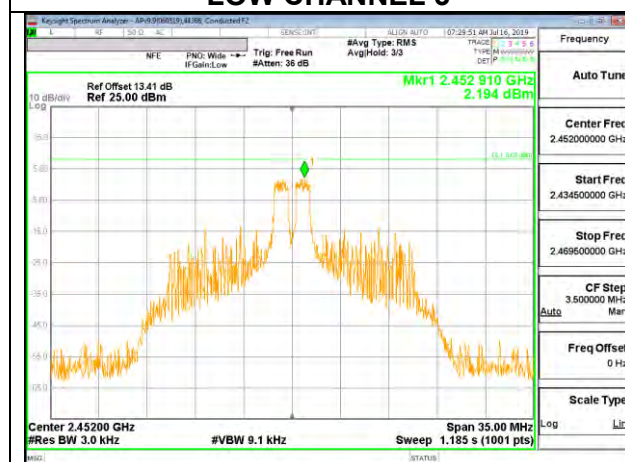
LOW CHANNEL 2



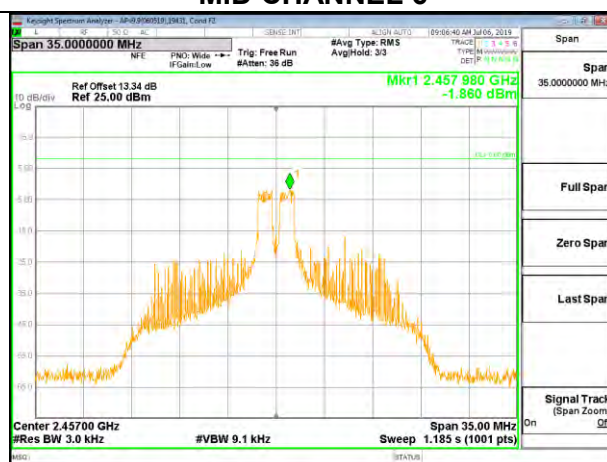
LOW CHANNEL 3



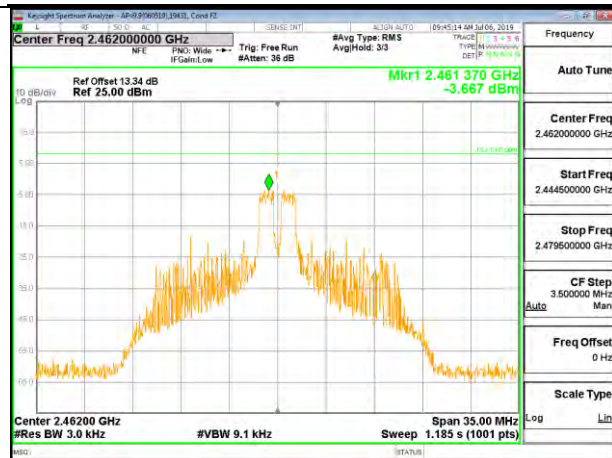
MID CHANNEL 6



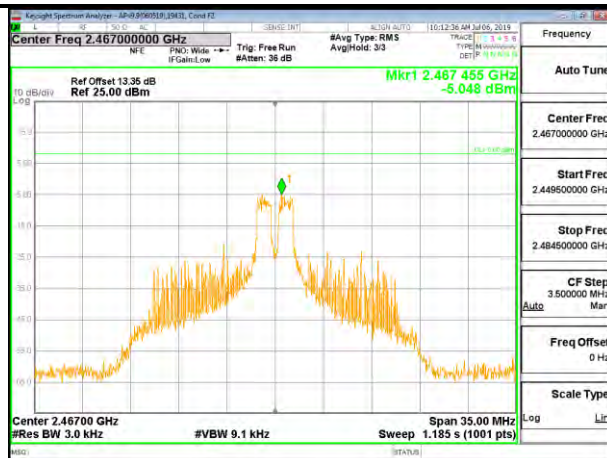
HIGH CHANNEL 9



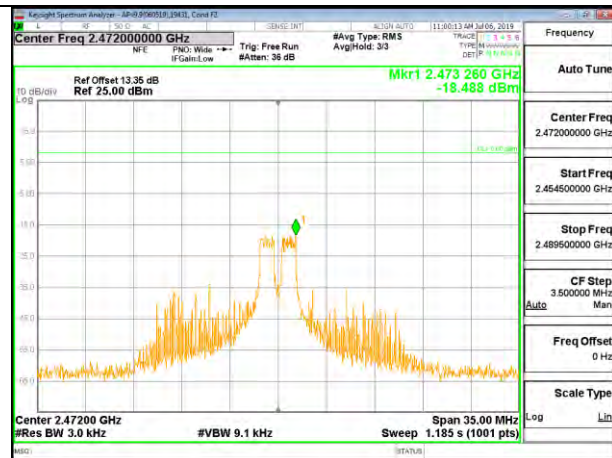
HIGH CHANNEL 10



HIGH CHANNEL 11



HIGH CHANNEL 12



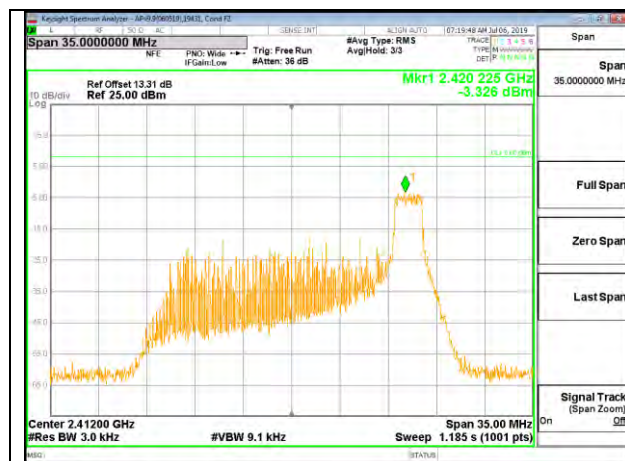
HIGH CHANNEL 13

1TX Antenna 3 MODE: 26-Tones, RU Index 8

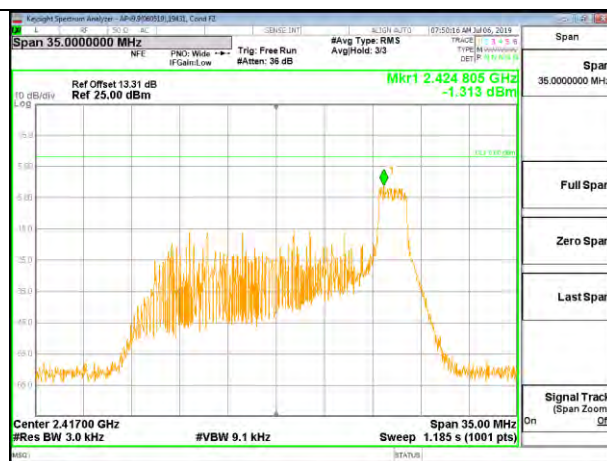
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

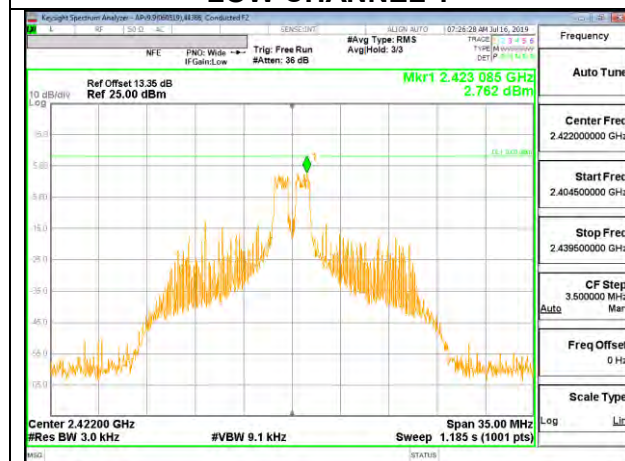
Channel	Frequency (MHz)	Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-3.326	-3.33	8.0	-11.3
Low 2	2417	-1.313	-1.31	8.0	-9.3
Low 3	2422	2.762	2.76	8.0	-5.2
Mid 6	2437	2.793	2.79	8.0	-5.2
High 9	2452	2.597	2.60	8.0	-5.4
High 10	2457	-1.212	-1.21	8.0	-9.2
High 11	2462	-3.336	-3.34	8.0	-11.3
High 12	2467	-4.678	-4.68	8.0	-12.7
High 13	2472	-18.290	-18.29	8.0	-26.3



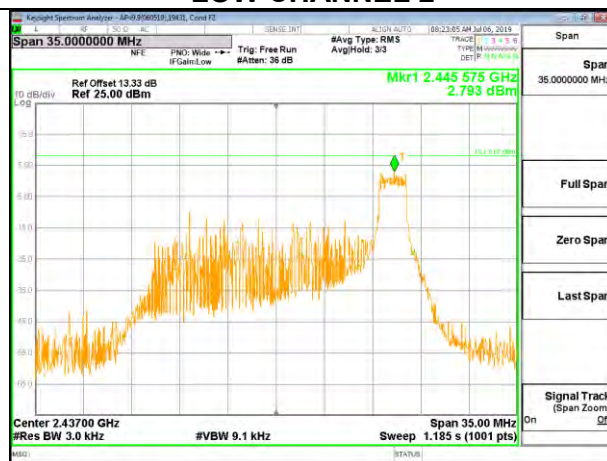
LOW CHANNEL 1



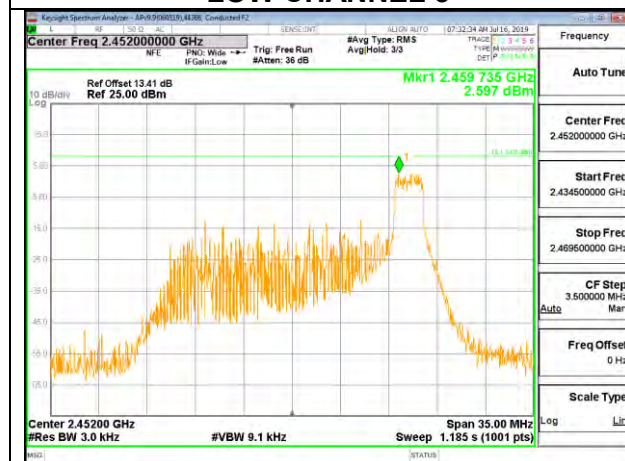
LOW CHANNEL 2



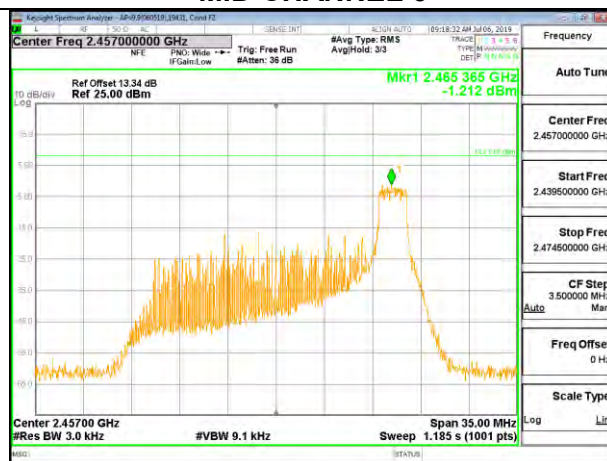
LOW CHANNEL 3



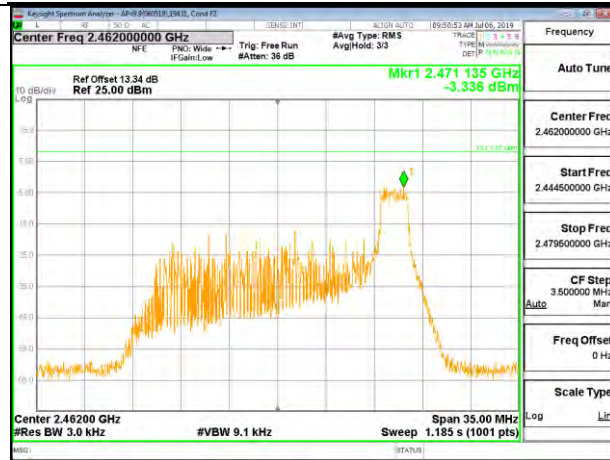
MID CHANNEL 6



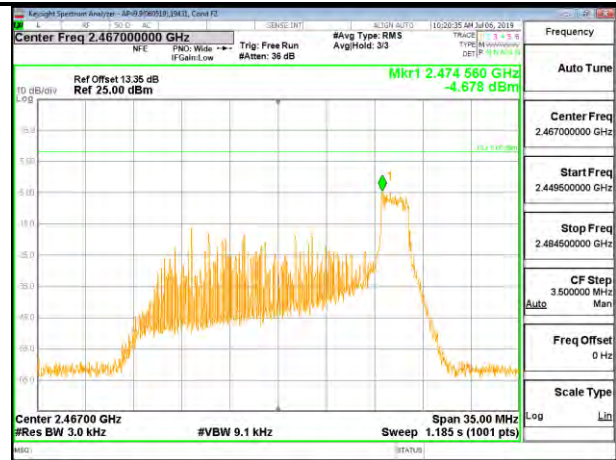
HIGH CHANNEL 9



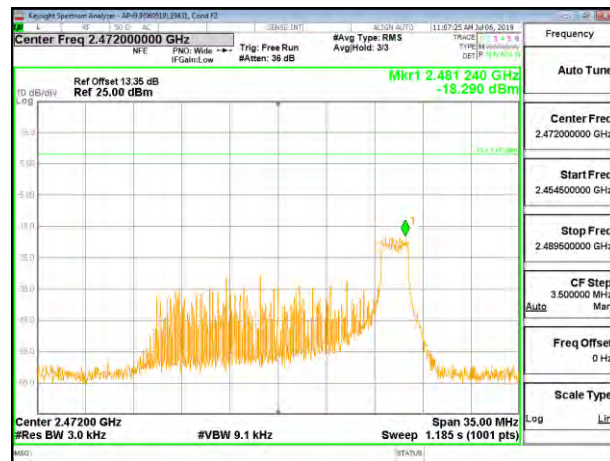
HIGH CHANNEL 10



HIGH CHANNEL 11



HIGH CHANNEL 12



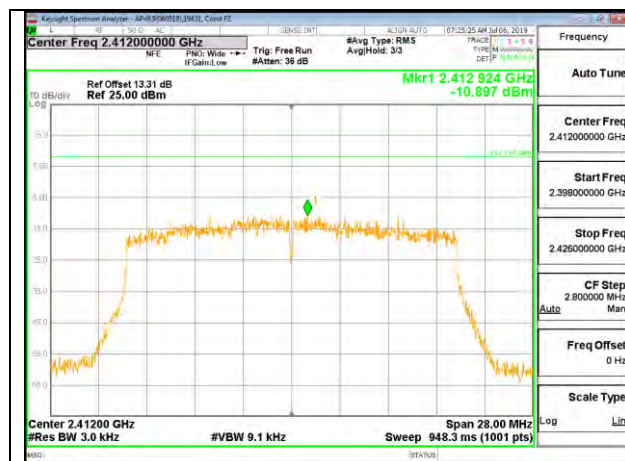
HIGH CHANNEL 13

1TX Antenna 3 MODE: 242-Tones, RU Index 61

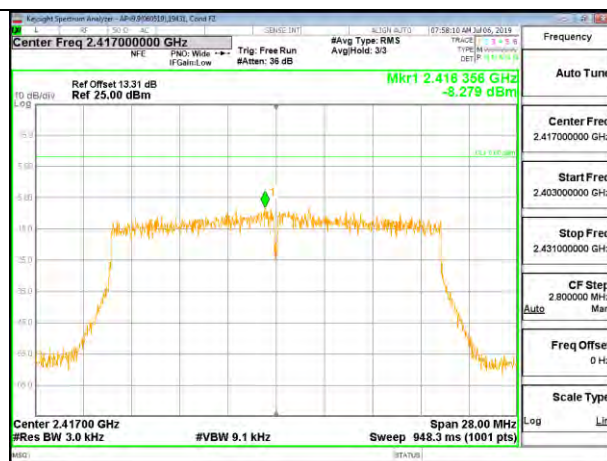
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

Channel	Frequency (MHz)	Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-10.897	-10.90	8.0	-18.9
Low 2	2417	-8.279	-8.28	8.0	-16.3
Low 3	2422	-4.672	-4.67	8.0	-12.7
Mid 6	2437	-4.673	-4.67	8.0	-12.7
High 9	2452	-4.709	-4.71	8.0	-12.7
High 10	2457	-8.205	-8.21	8.0	-16.2
High 11	2462	-10.250	-10.25	8.0	-18.3
High 12	2467	-11.863	-11.86	8.0	-19.9
High 13	2472	-25.549	-25.55	8.0	-33.5



LOW CHANNEL 1



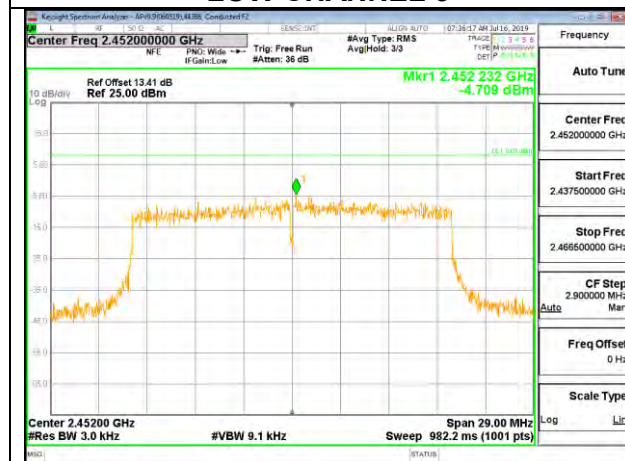
LOW CHANNEL 2



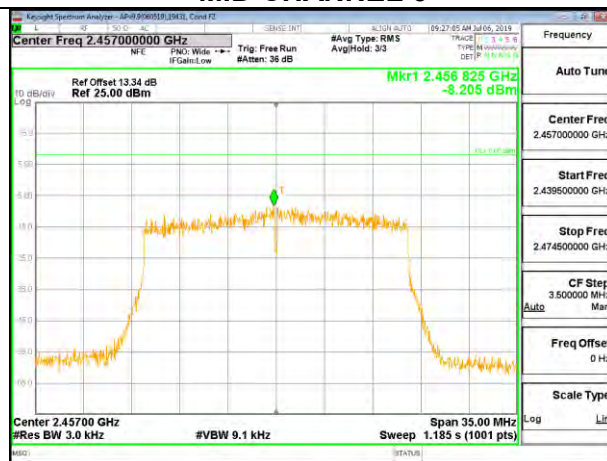
LOW CHANNEL 3



MID CHANNEL 6



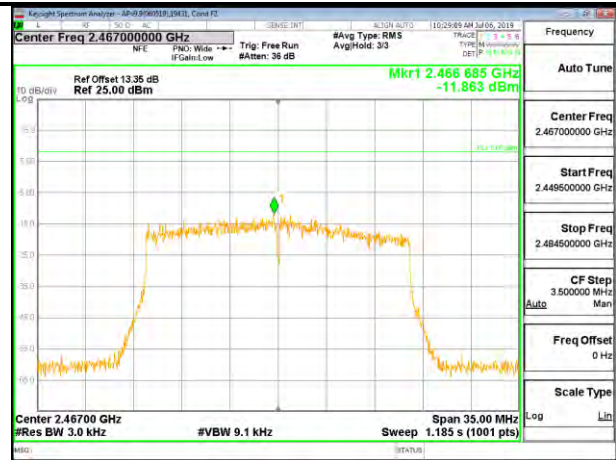
HIGH CHANNEL 9



HIGH CHANNEL 10



HIGH CHANNEL 11



HIGH CHANNEL 12



HIGH CHANNEL 13

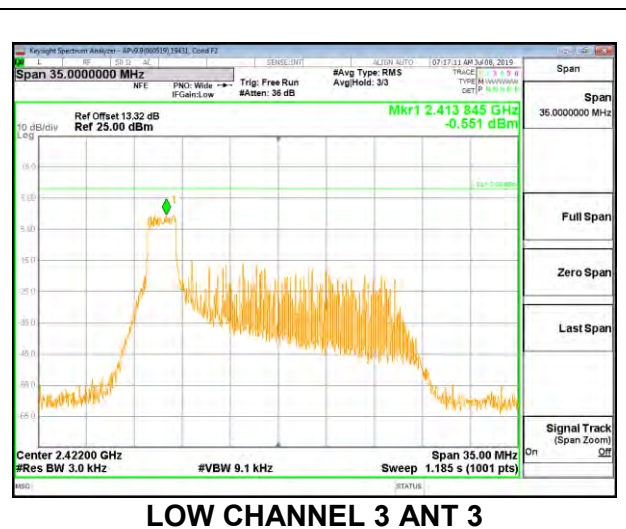
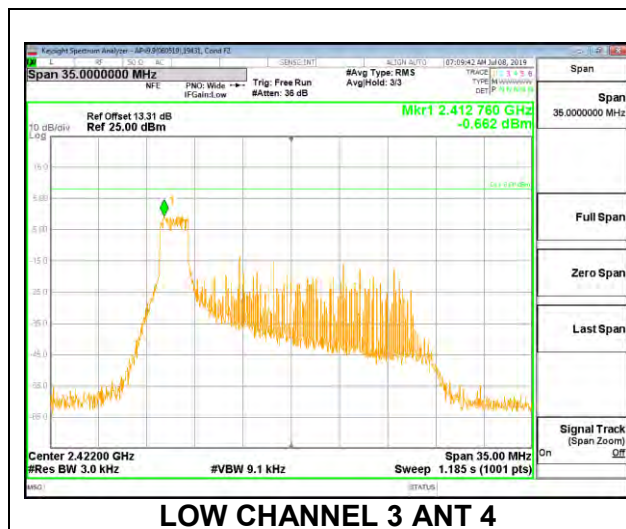
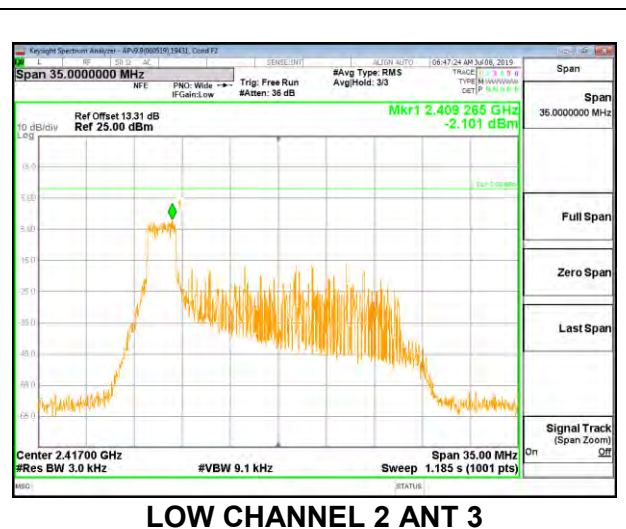
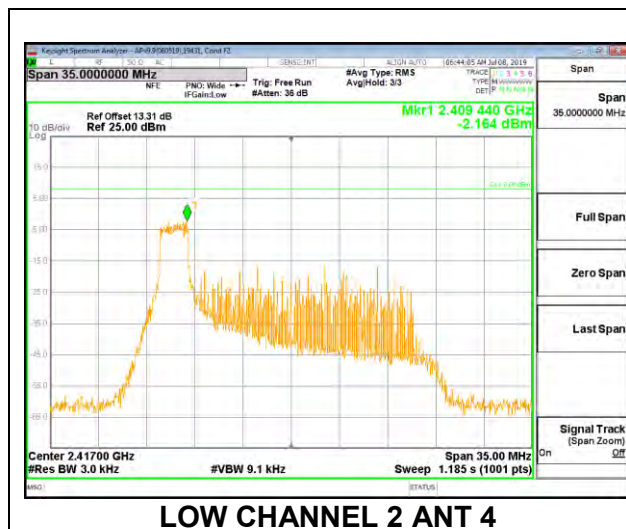
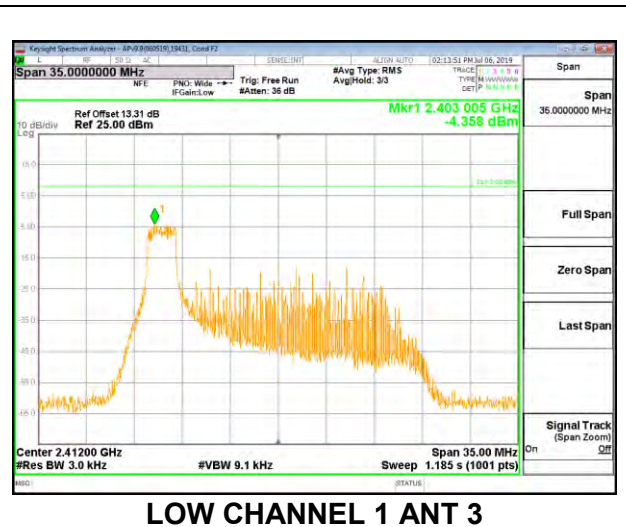
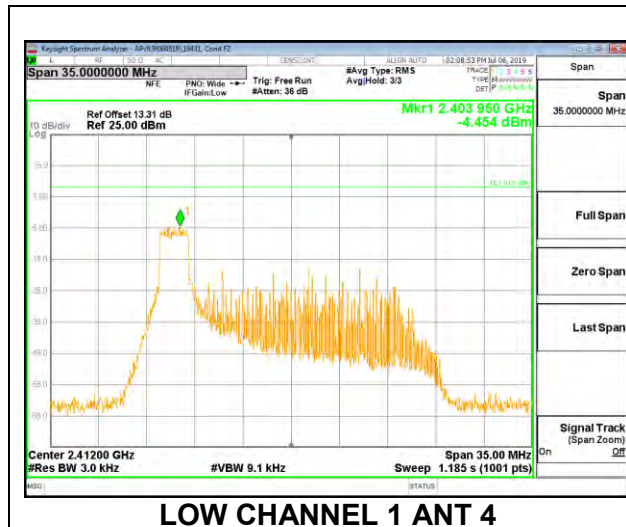
8.5.4. 802.11ax HE20 OFDMA MODE 2TX

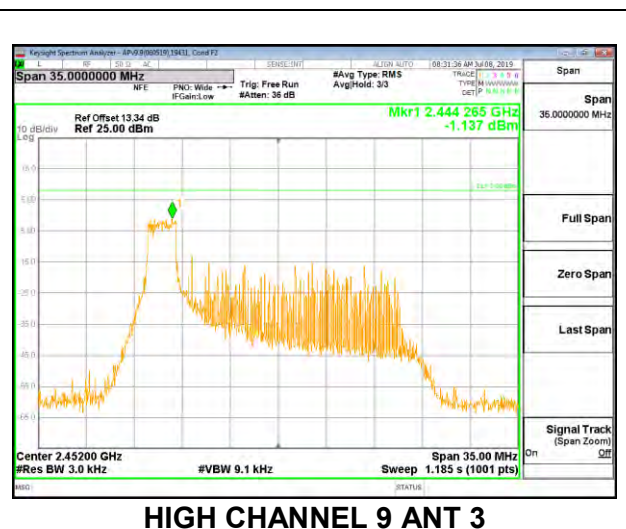
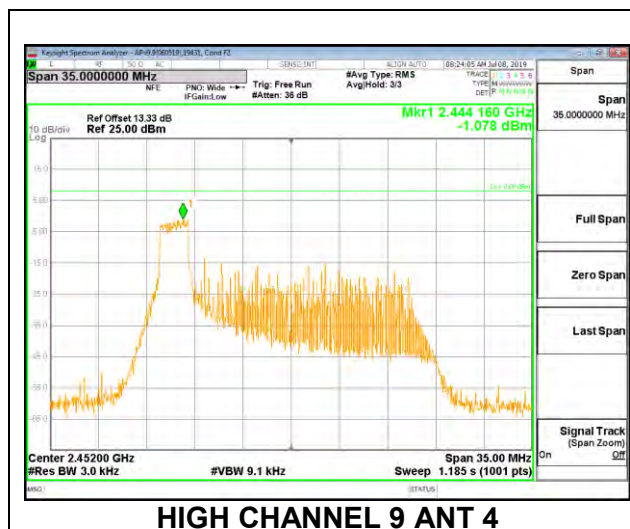
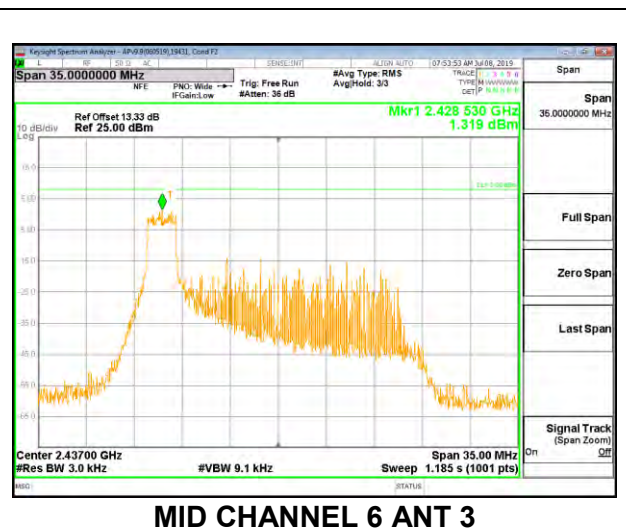
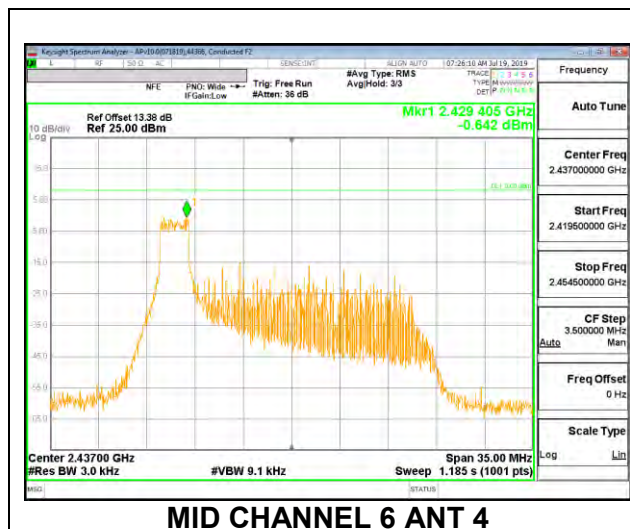
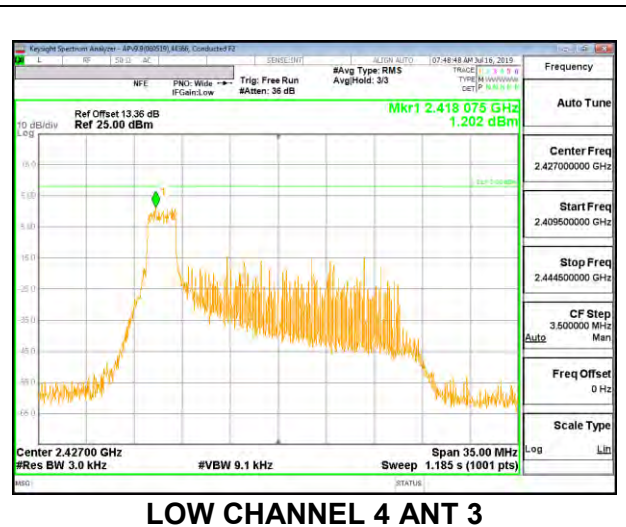
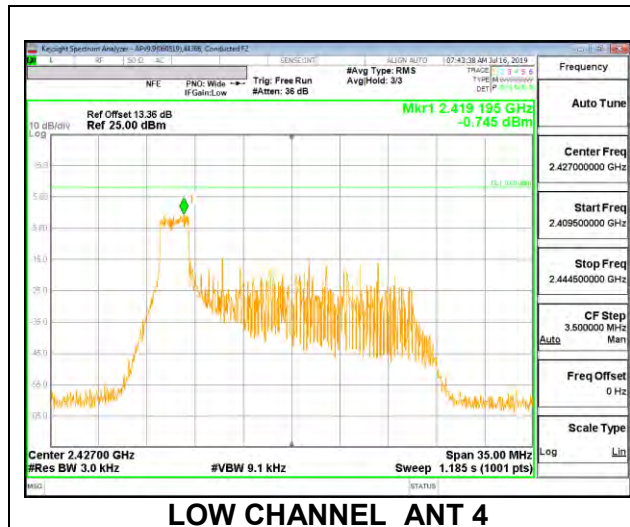
Antenna 4 + Antenna 3 2TX MODE: 26-Tones, RU Index 0

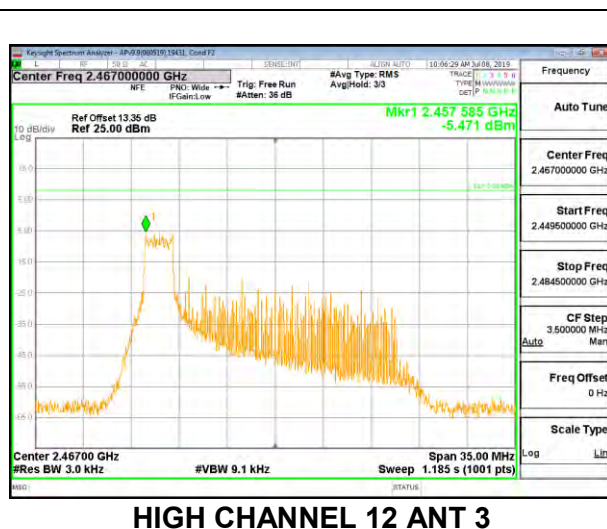
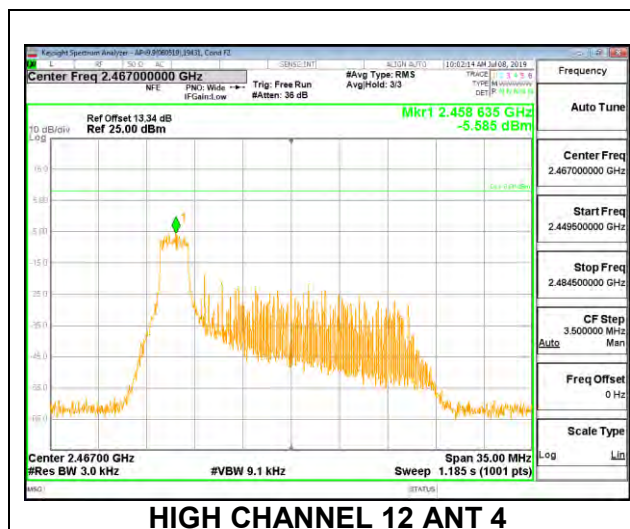
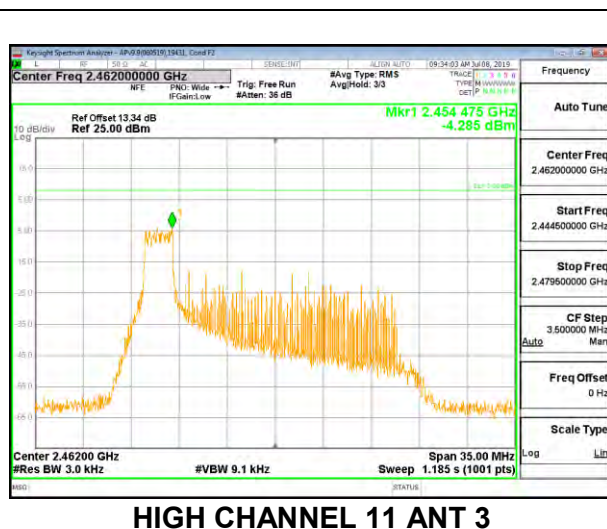
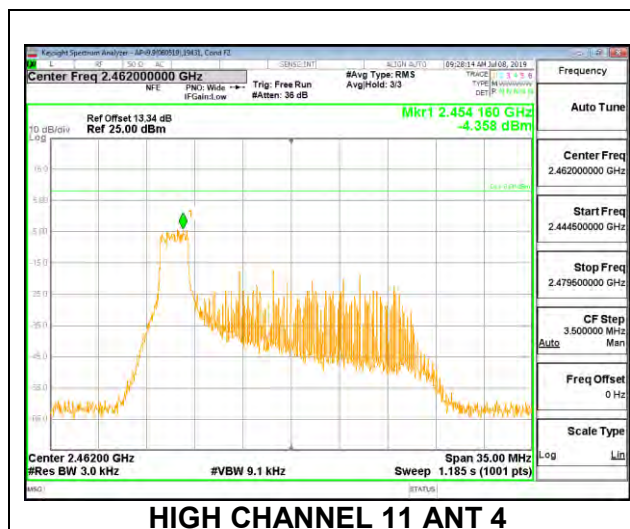
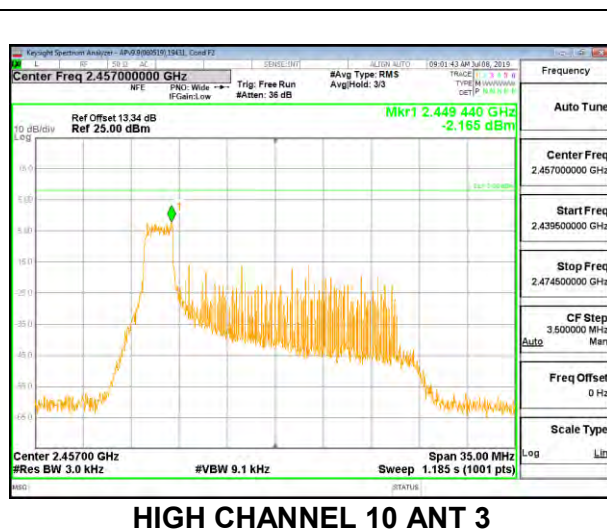
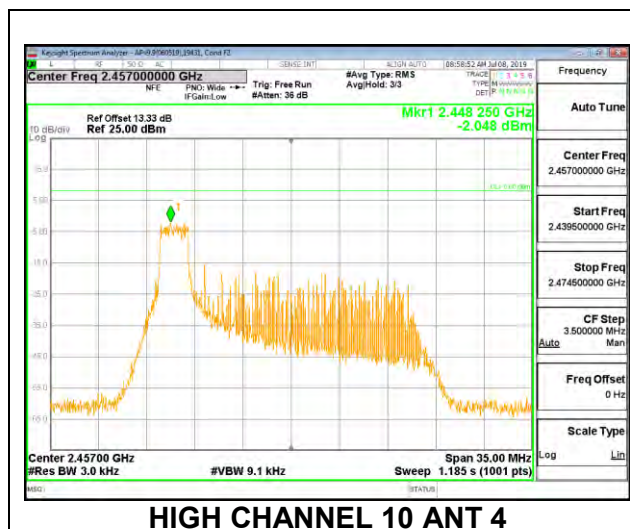
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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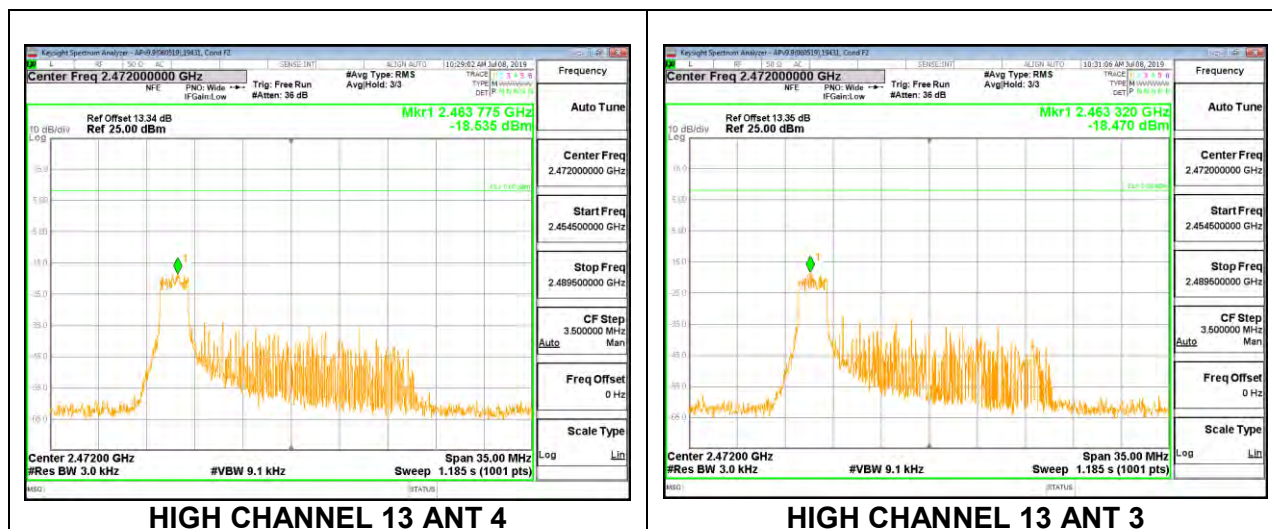
PSD Results

Channel	Frequency (MHz)	Ant 4 Meas (dBm/ 3kHz)	Ant 3 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-4.454	-4.358	-1.40	8.0	-9.4
Low 2	2417	-2.164	-2.101	0.88	8.0	-7.1
Low 3	2422	-0.662	-0.551	2.40	8.0	-5.6
Low 4	2427	-0.745	1.202	3.35	8.0	-4.7
Mid 6	2437	-0.642	1.319	3.46	8.0	-4.5
High 9	2452	-1.078	-1.137	1.90	8.0	-6.1
High 10	2457	-2.048	-2.165	0.90	8.0	-7.1
High 11	2462	-4.358	-4.285	-1.31	8.0	-9.3
High 12	2467	-5.585	-5.471	-2.52	8.0	-10.5
High 13	2472	-18.535	-18.470	-15.49	8.0	-23.5







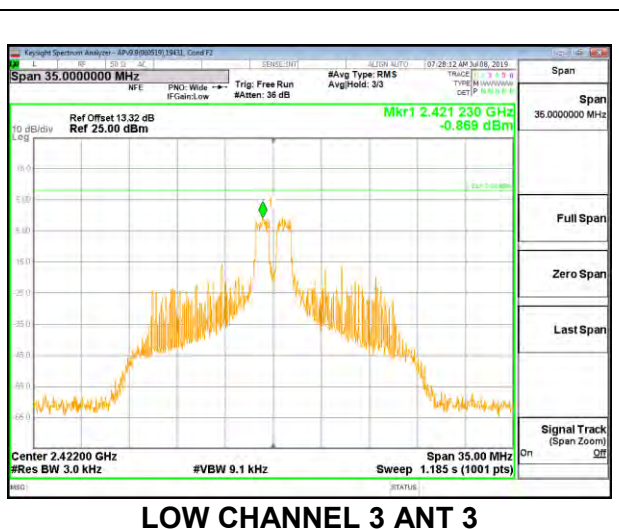
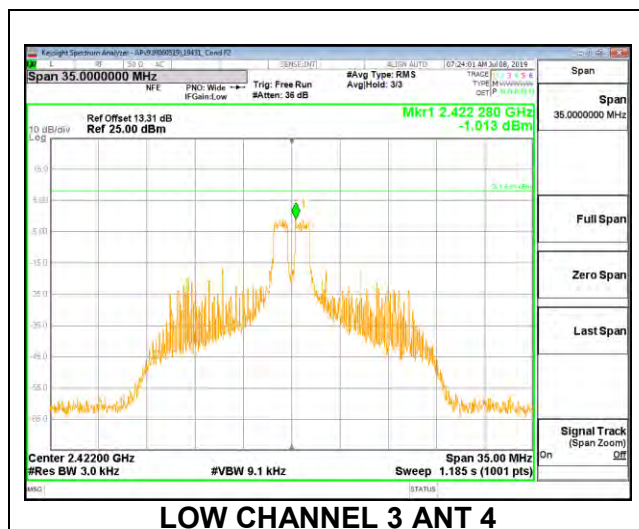
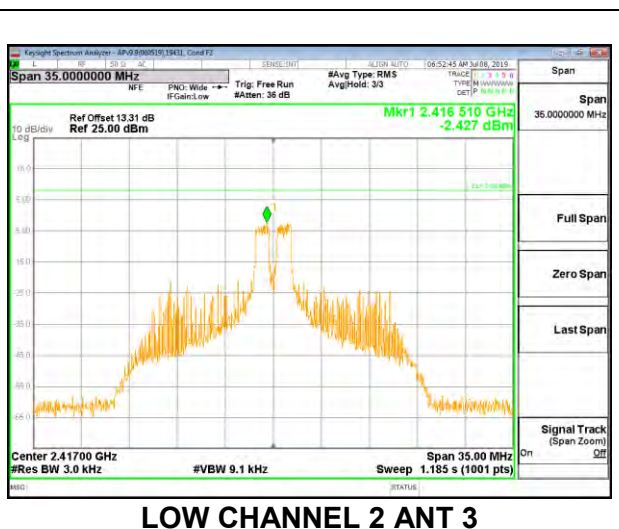
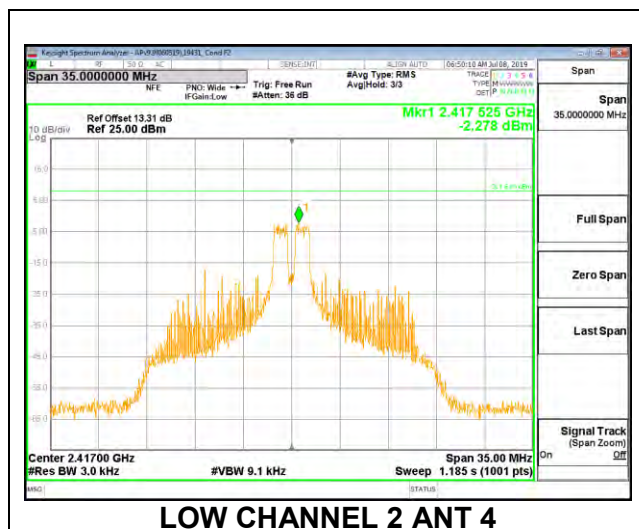
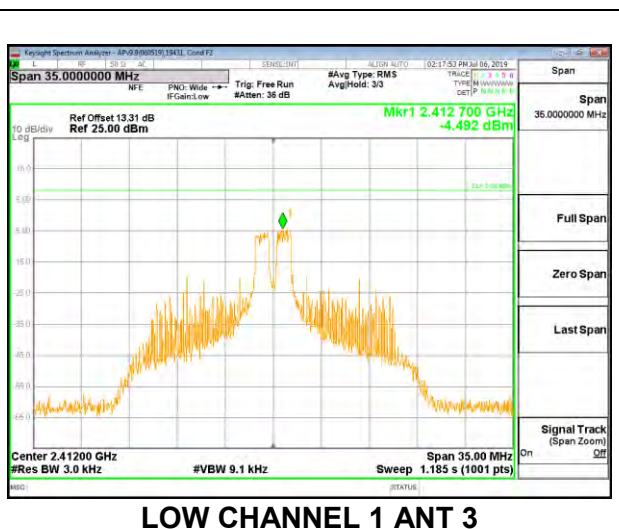
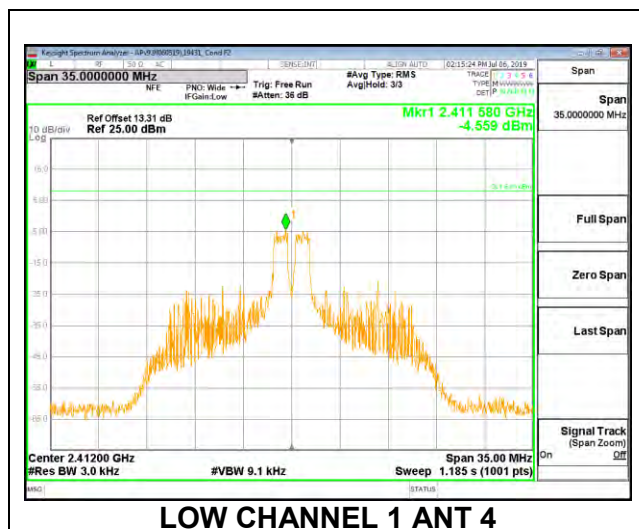


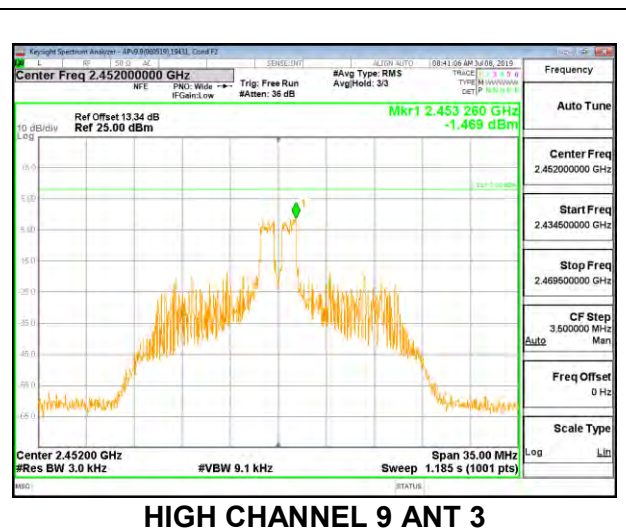
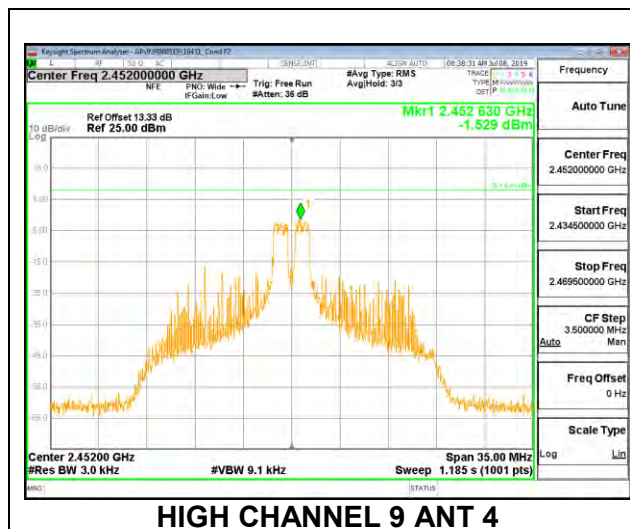
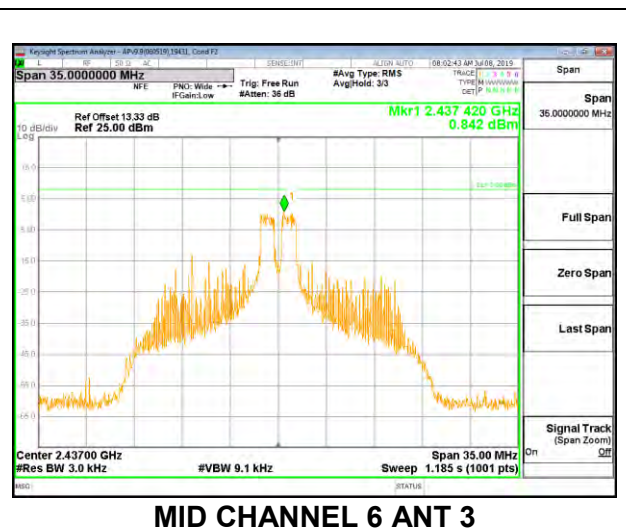
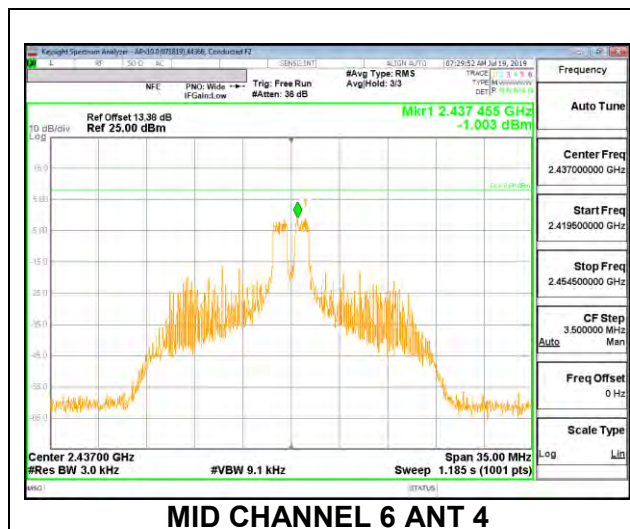
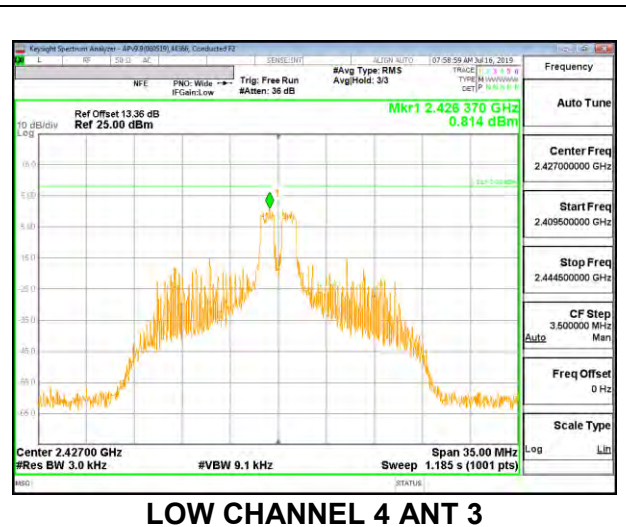
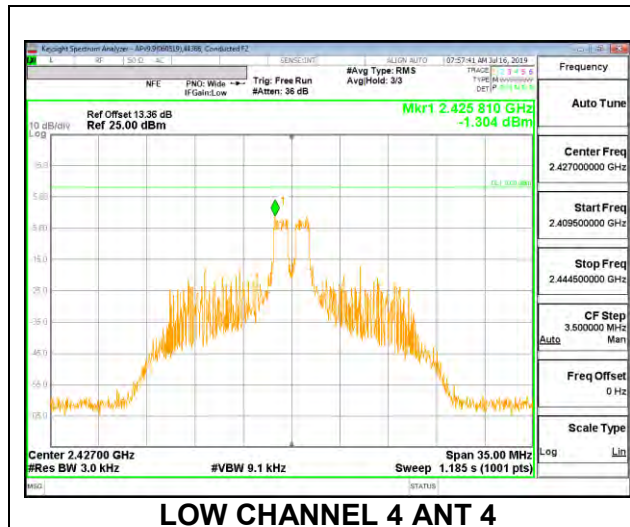
Antenna 4 + Antenna 3 2TX MODE: 26-Tones, RU Index 4

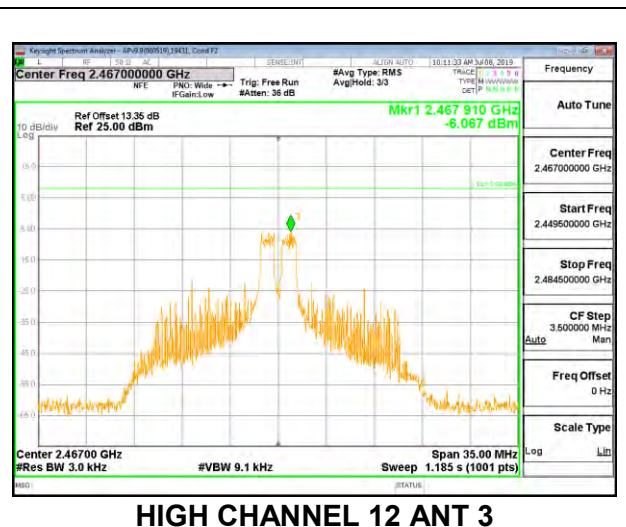
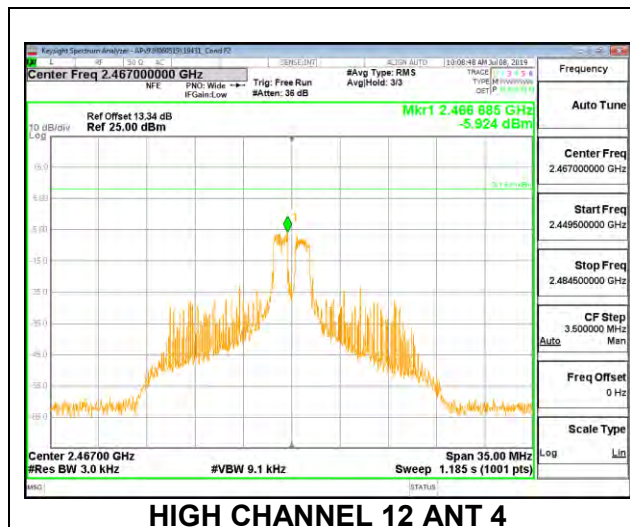
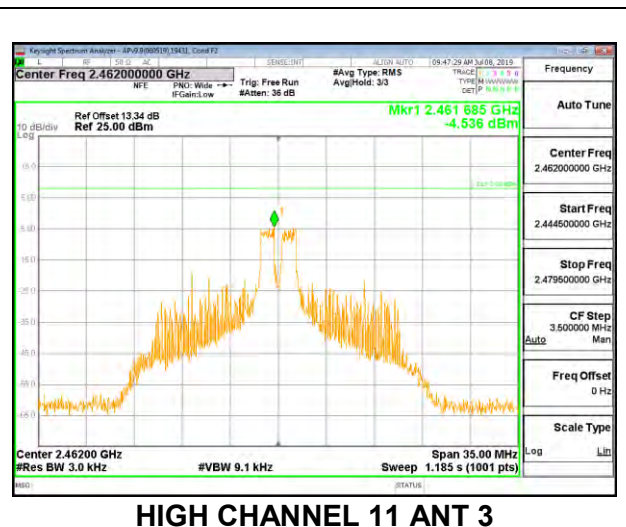
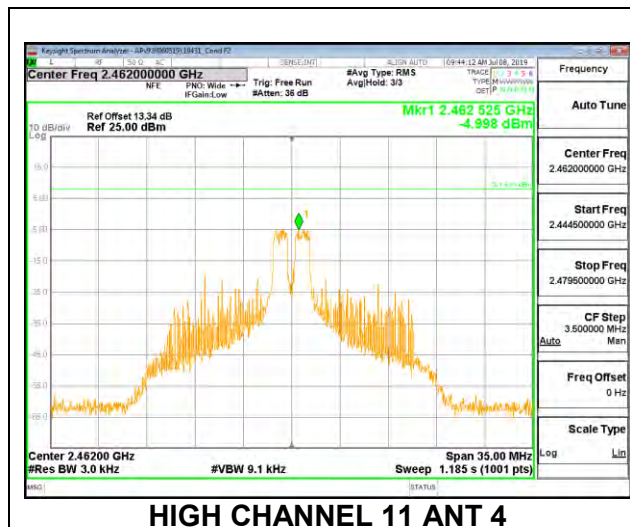
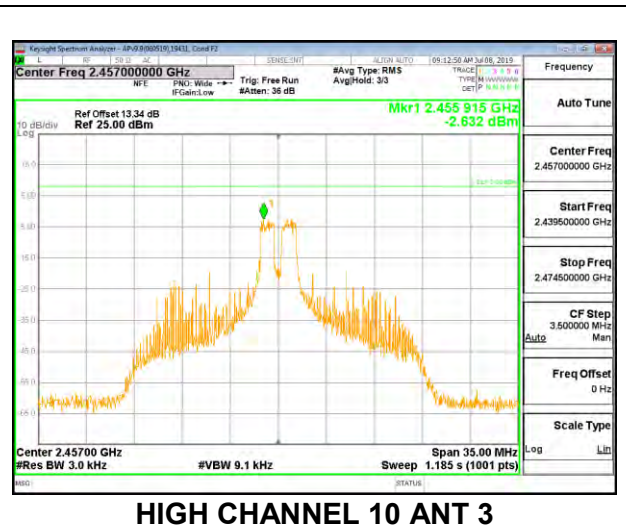
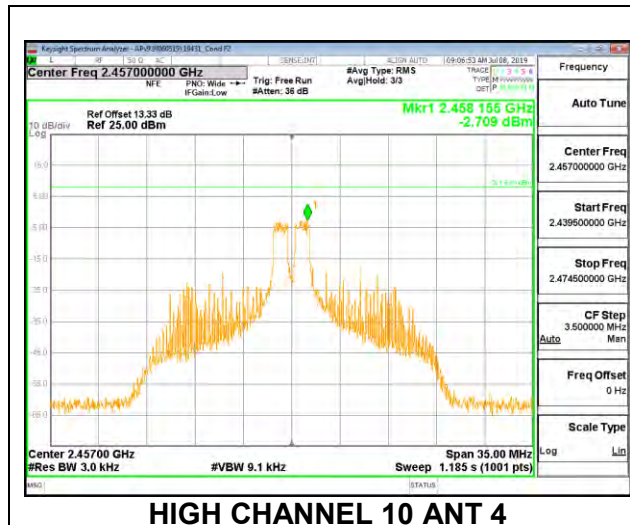
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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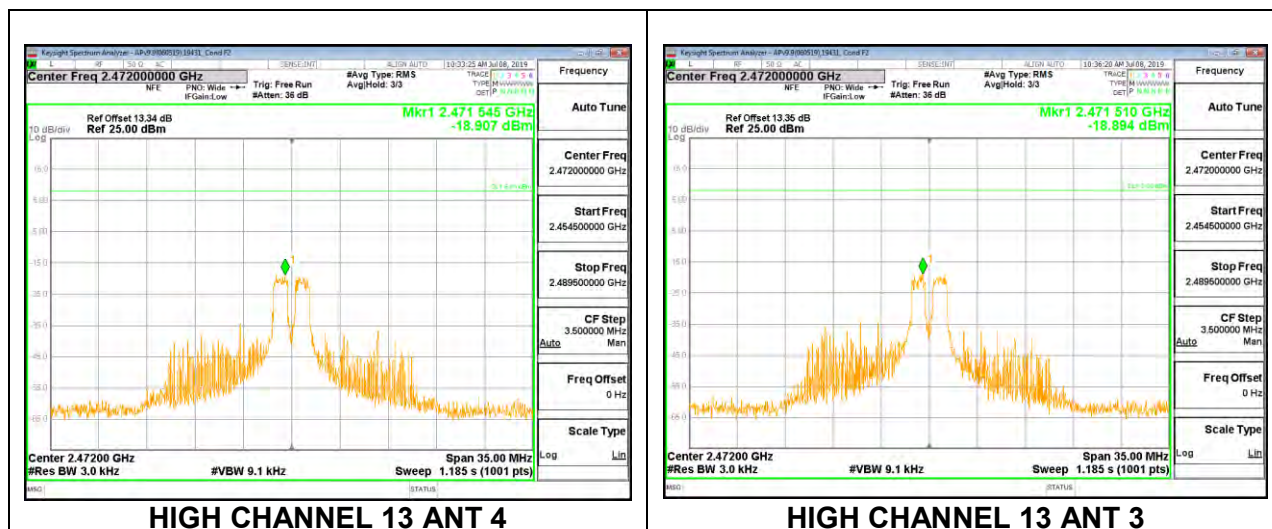
PSD Results

Channel	Frequency (MHz)	Ant 4 Meas (dBm/ 3kHz)	Ant 3 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-4.559	-4.492	-1.52	8.0	-9.5
Low 2	2417	-2.278	-2.427	0.66	8.0	-7.3
Low 3	2422	-1.013	-0.869	2.07	8.0	-5.9
Low 4	2427	-1.304	0.814	2.89	8.0	-5.1
Mid 6	2437	-1.003	0.842	3.03	8.0	-5.0
High 9	2452	-1.529	-1.469	1.51	8.0	-6.5
High 10	2457	-2.709	-2.632	0.34	8.0	-7.7
High 11	2462	-4.998	-4.536	-1.75	8.0	-9.8
High 12	2467	-5.924	-6.067	-2.98	8.0	-11.0
High 13	2472	-18.907	-18.894	-15.89	8.0	-23.9







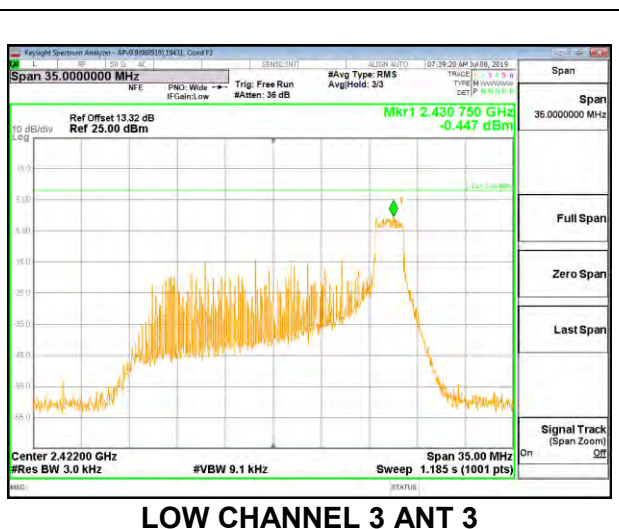
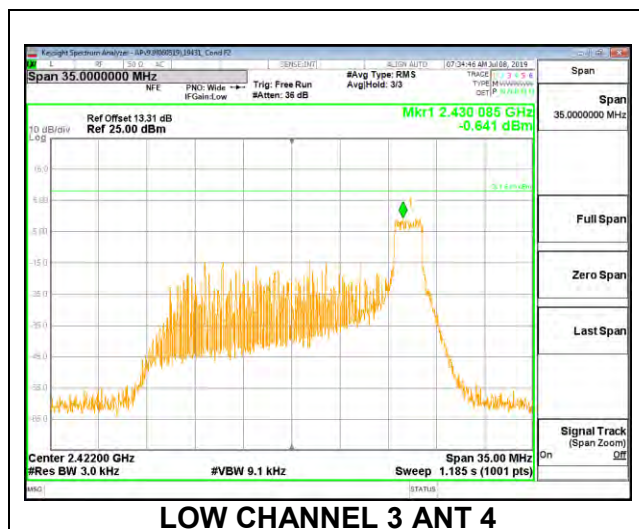
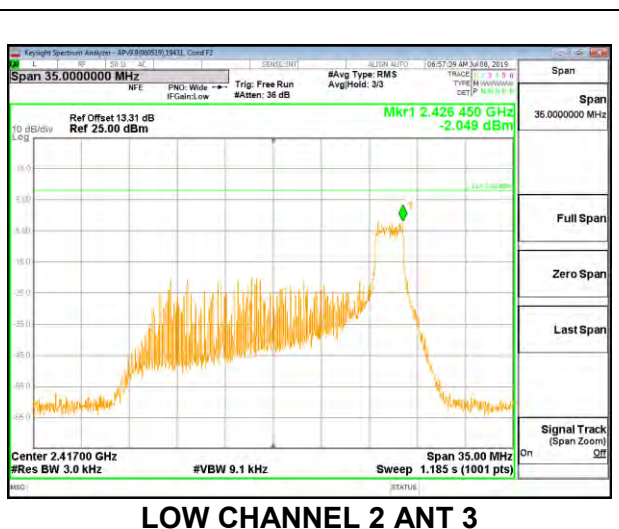
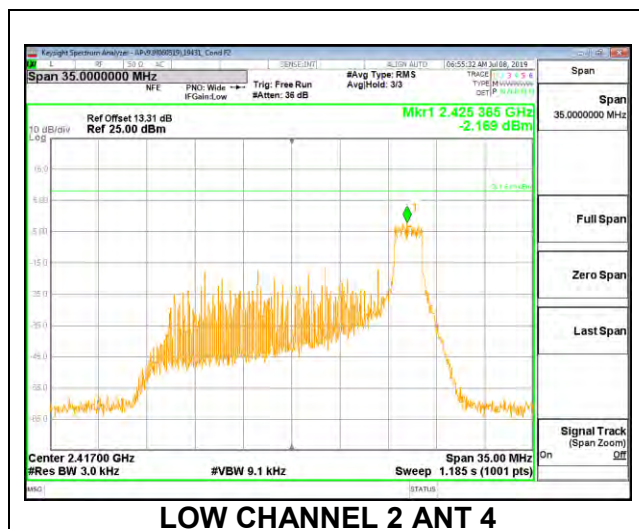
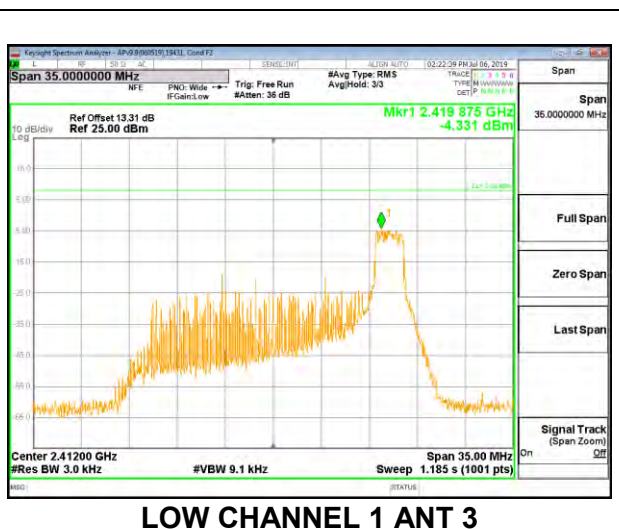
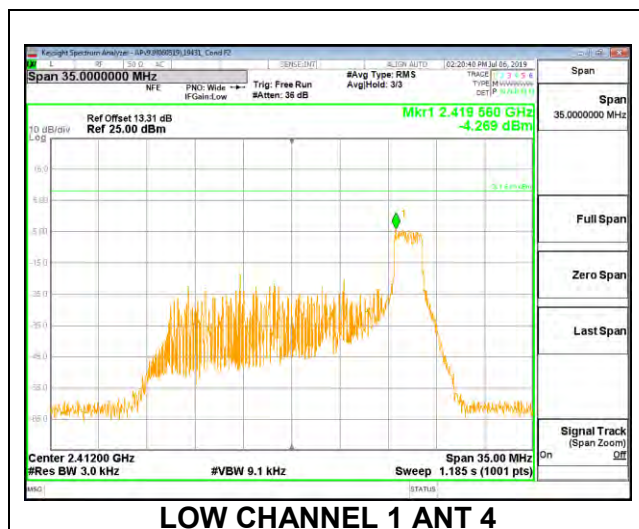


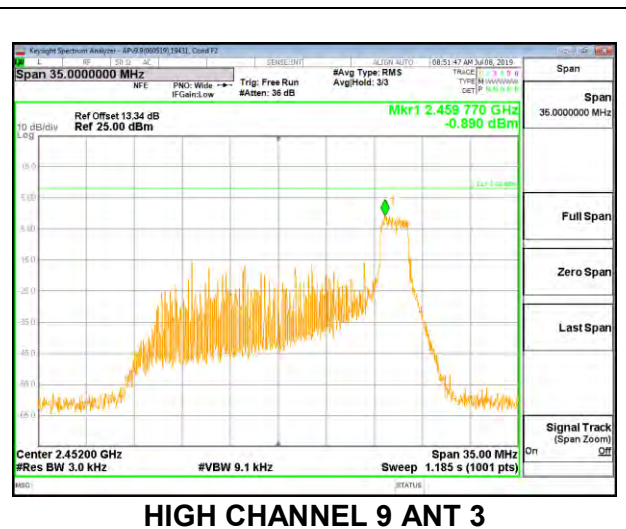
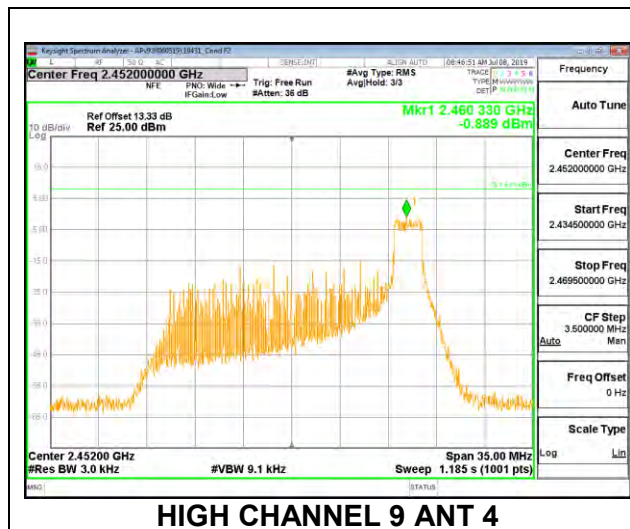
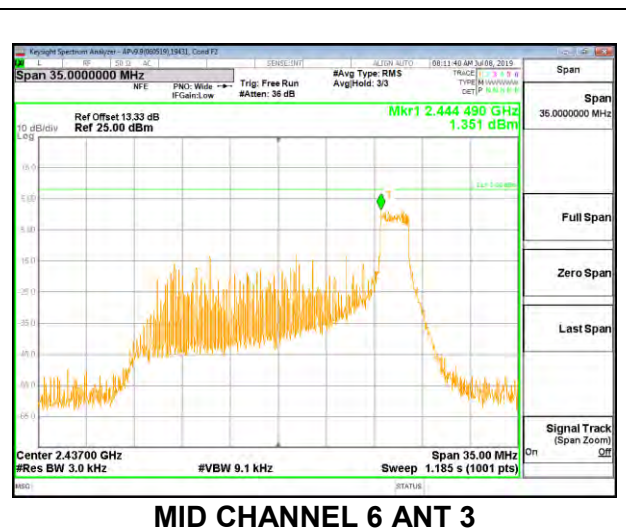
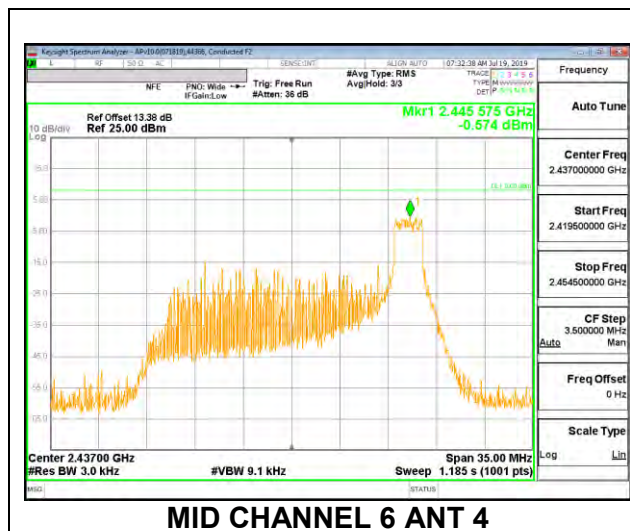
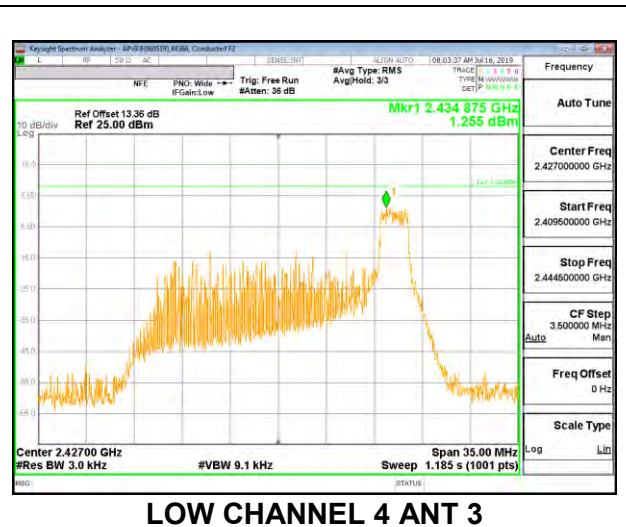
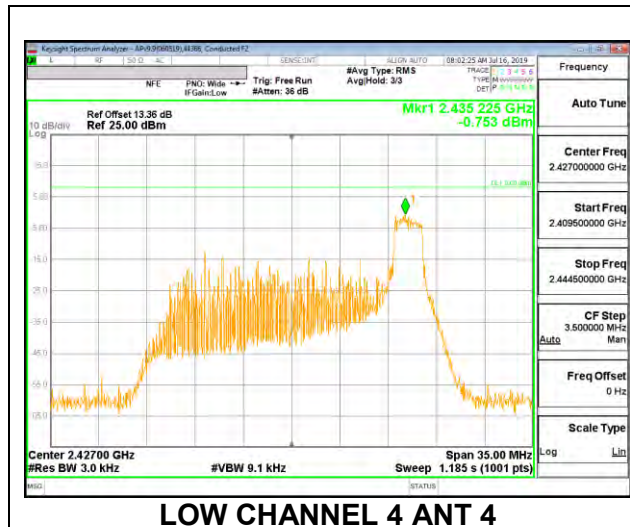
Antenna 4 + Antenna 3 2TX MODE: 26-Tones, RU Index 8

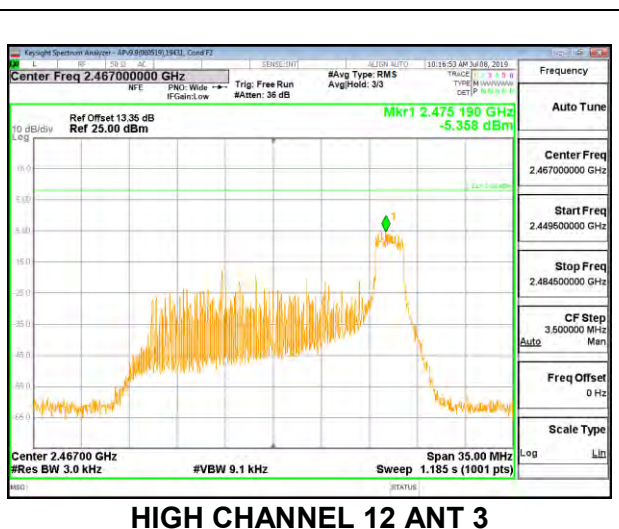
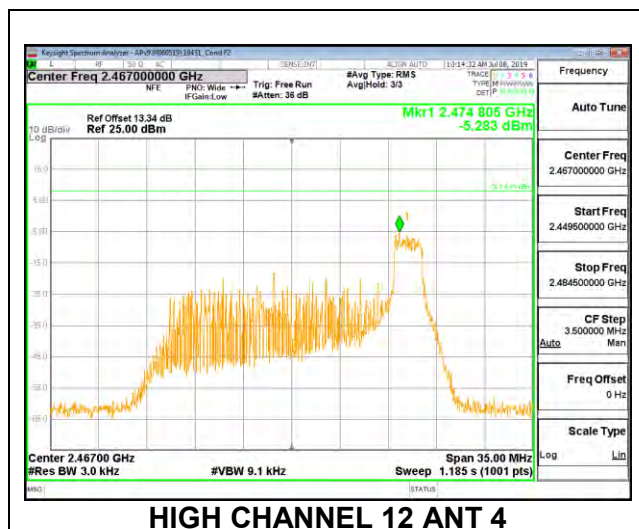
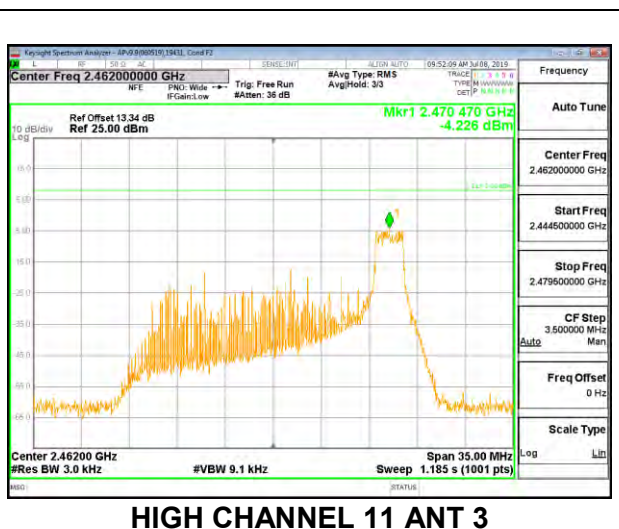
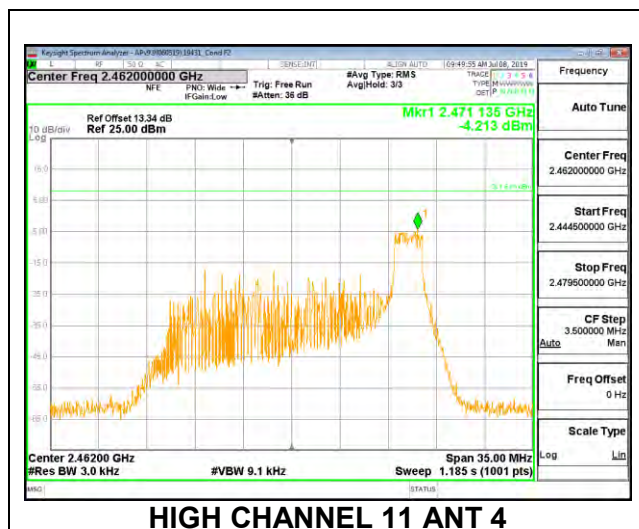
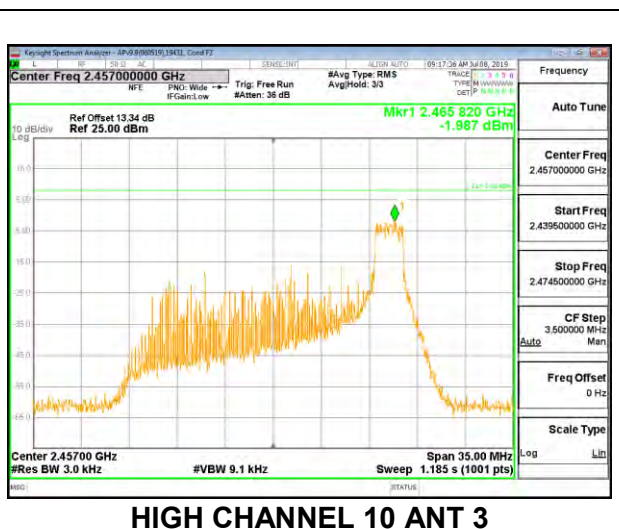
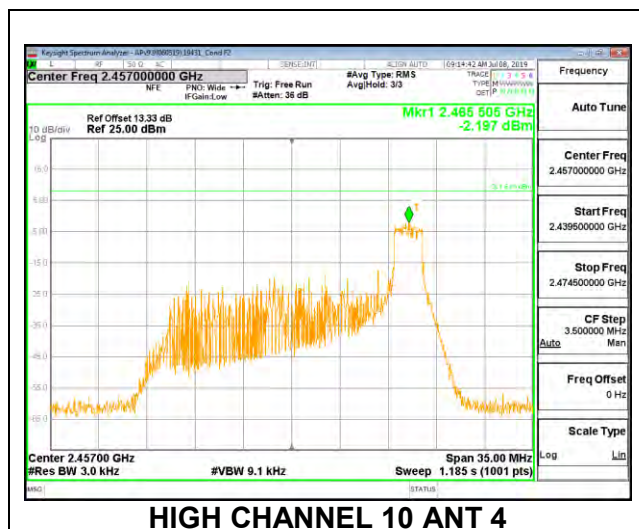
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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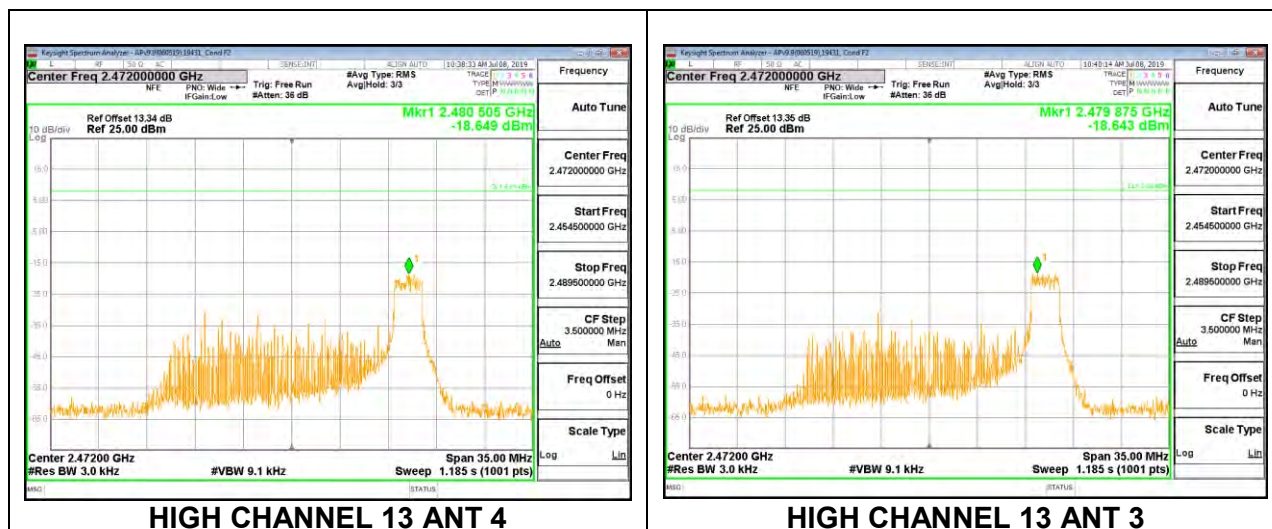
PSD Results

Channel	Frequency (MHz)	Ant 4 Meas (dBm/ 3kHz)	Ant 3 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-4.269	-4.331	-1.29	8.0	-9.3
Low 2	2417	-2.169	-2.049	0.90	8.0	-7.1
Low 3	2422	-0.641	-0.447	2.47	8.0	-5.5
Low 4	2427	-0.753	1.255	3.38	8.0	-4.6
Mid 6	2437	-0.574	1.351	3.50	8.0	-4.5
High 9	2452	-0.889	-0.890	2.12	8.0	-5.9
High 10	2457	-2.197	-1.987	0.92	8.0	-7.1
High 11	2462	-4.213	-4.226	-1.21	8.0	-9.2
High 12	2467	-5.283	-5.358	-2.31	8.0	-10.3
High 13	2472	-18.649	-18.643	-15.64	8.0	-23.6







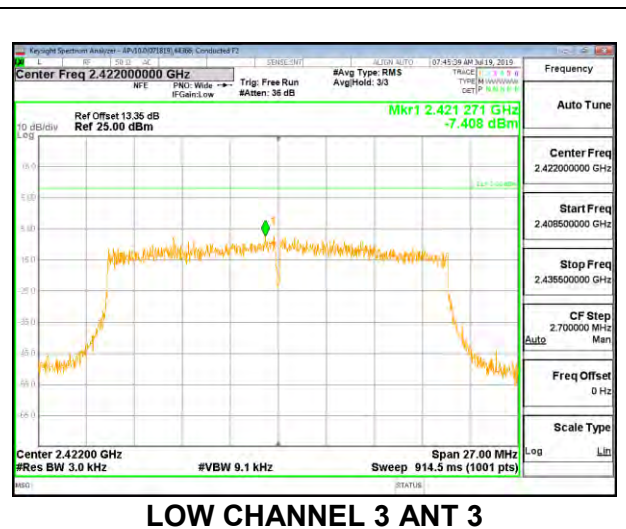
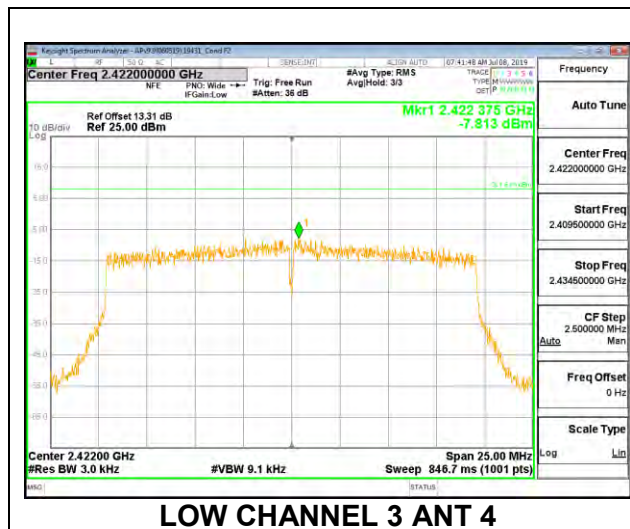
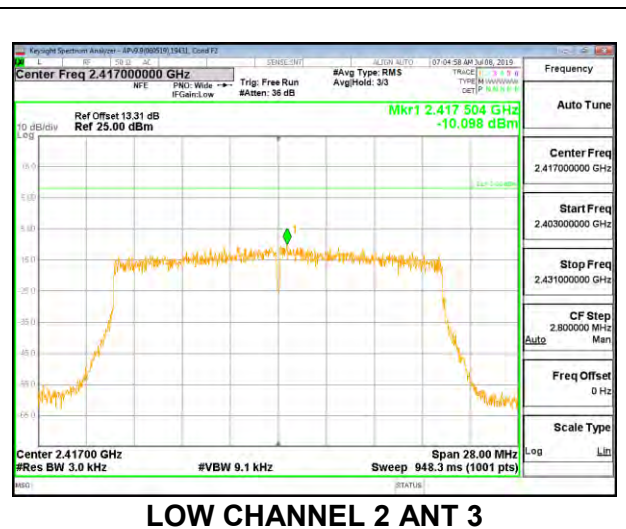
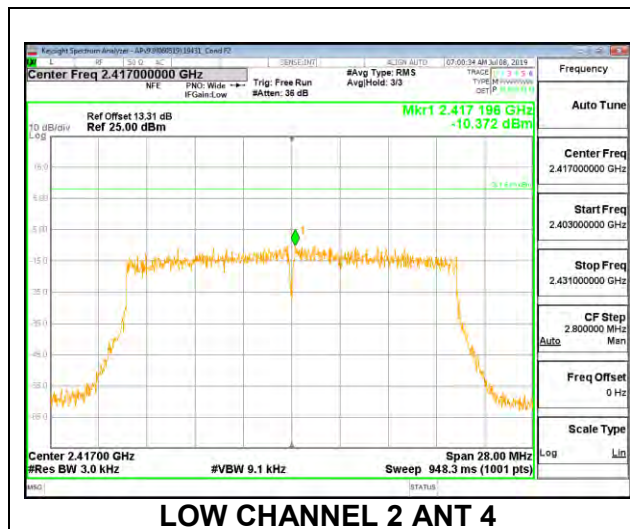
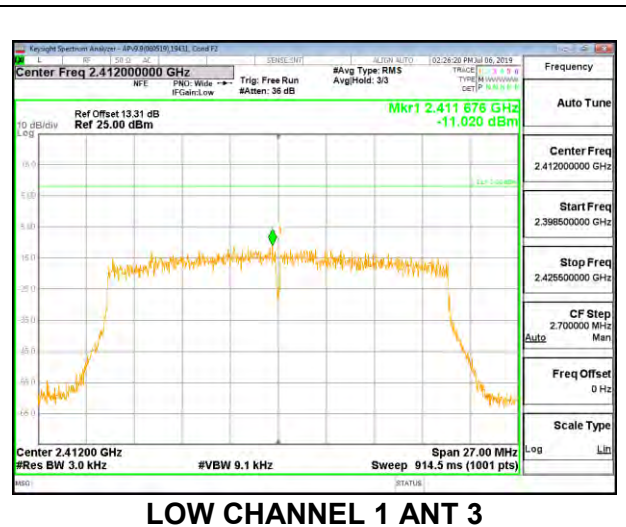
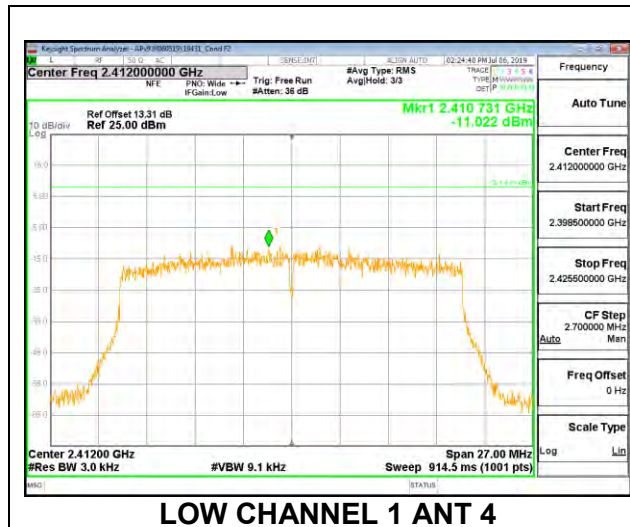


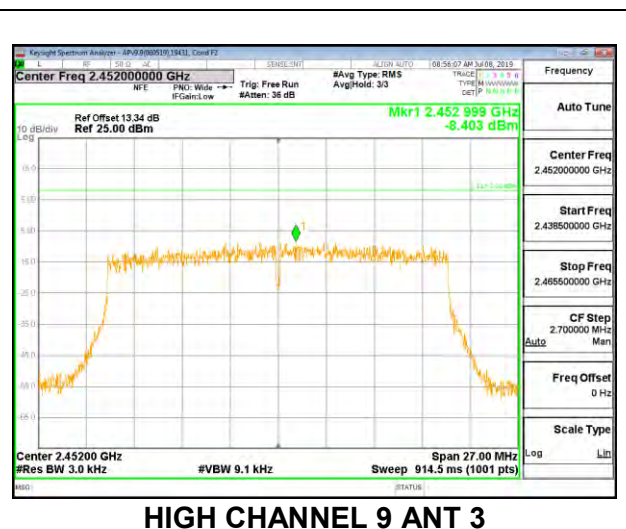
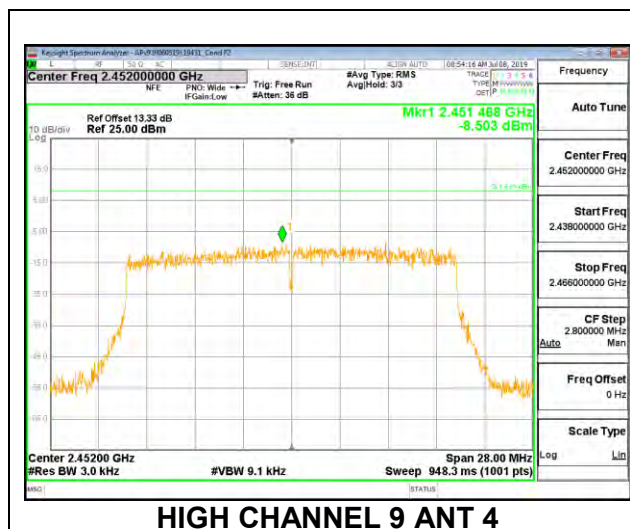
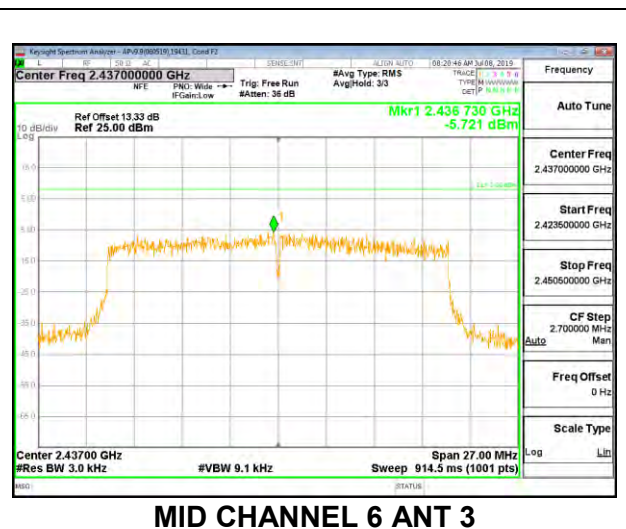
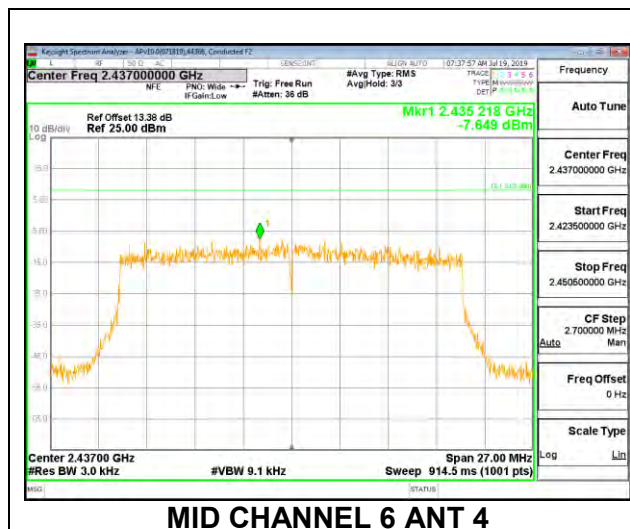
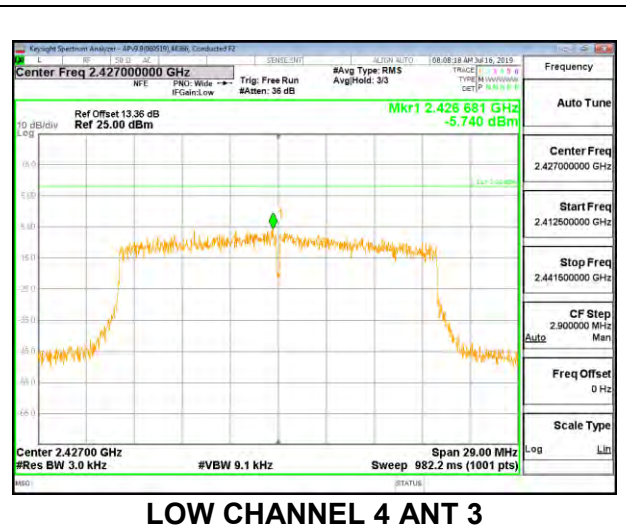
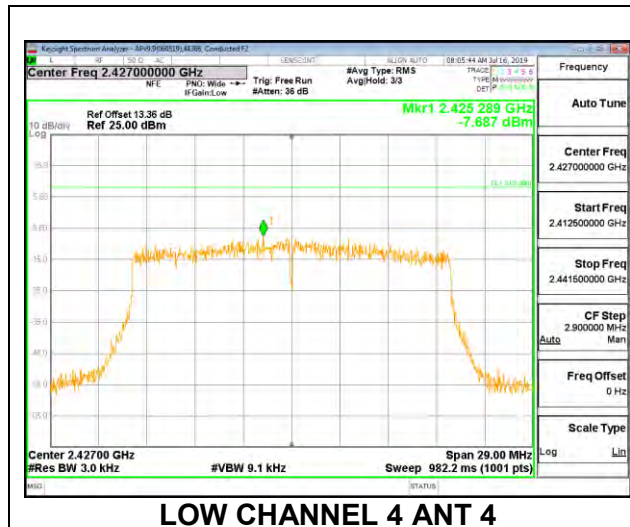
Antenna 4 + Antenna 3 2TX MODE: 242-Tones, RU Index 61

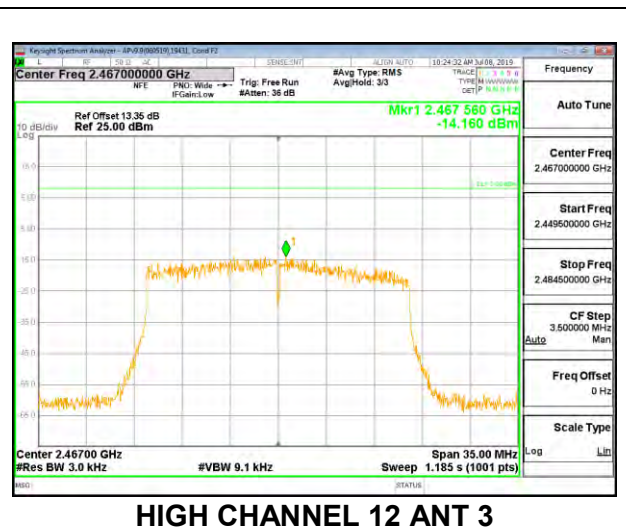
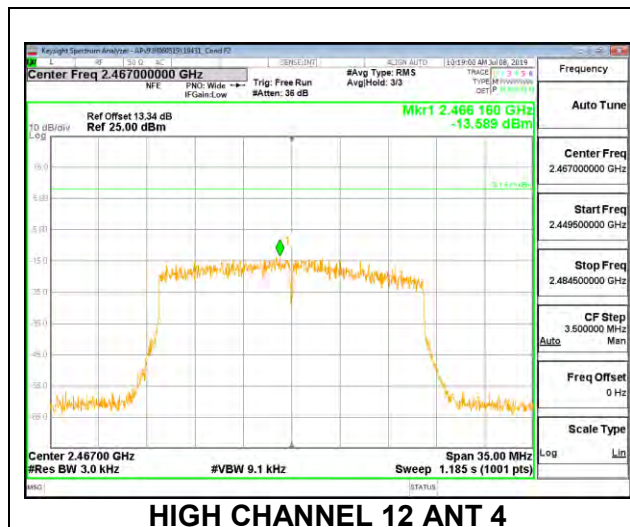
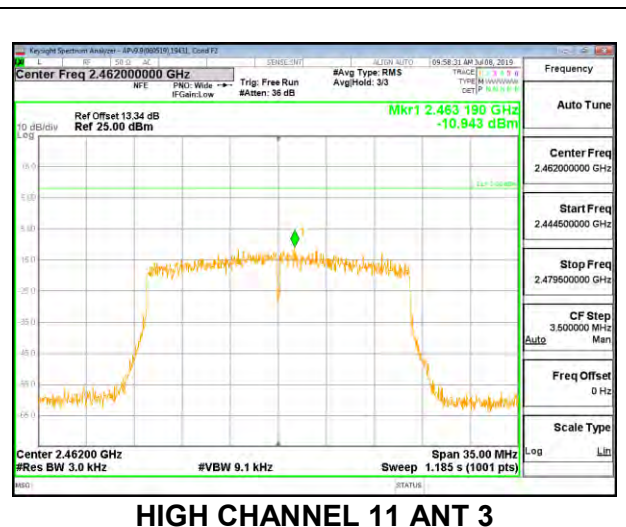
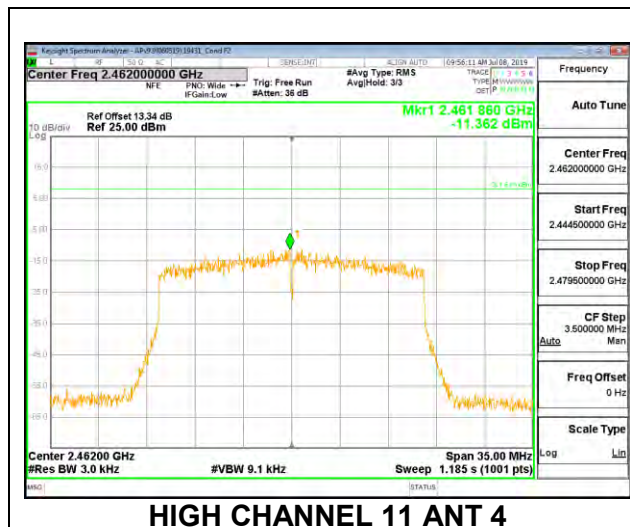
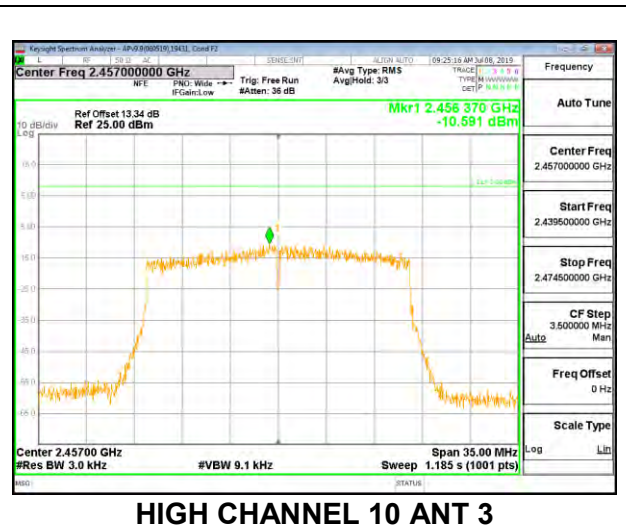
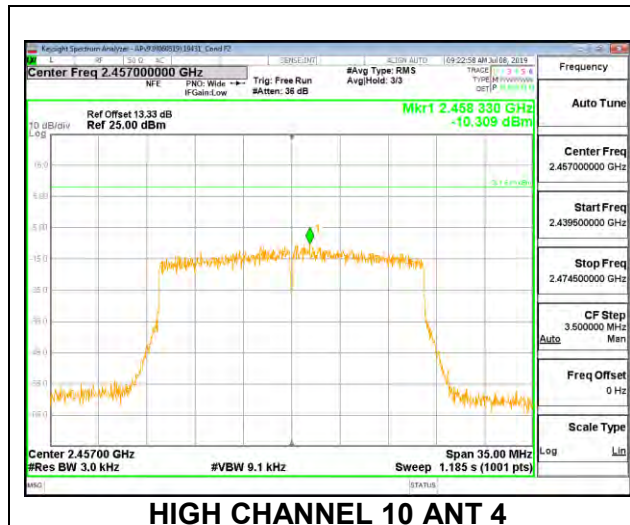
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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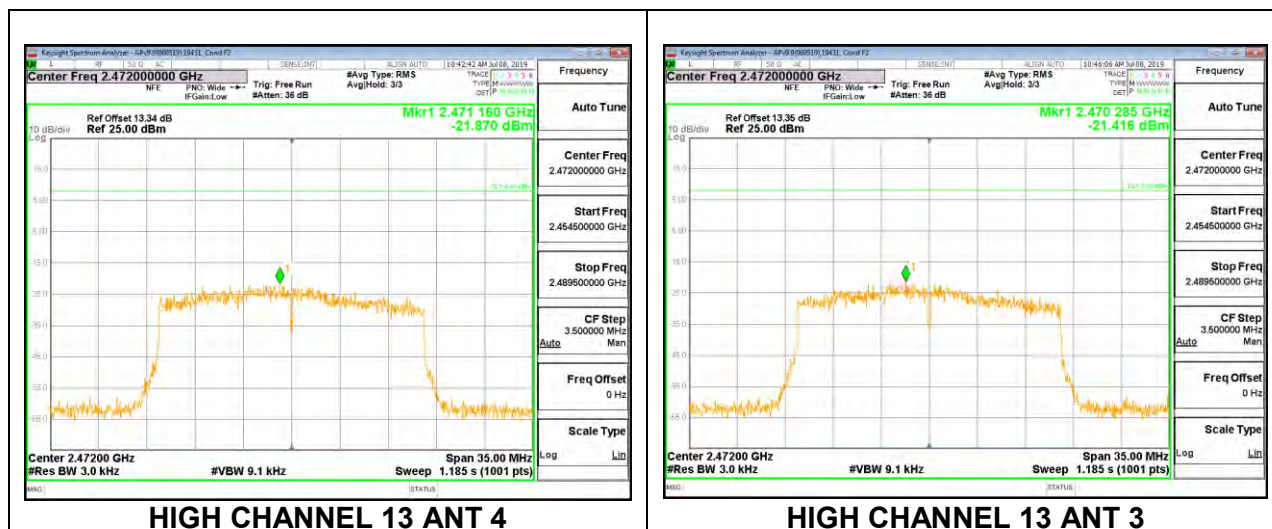
PSD Results

Channel	Frequency (MHz)	Ant 4 Meas (dBm/ 3kHz)	Ant 3 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-11.022	-11.020	-8.01	8.0	-16.0
Low 2	2417	-10.372	-10.098	-7.22	8.0	-15.2
Low 3	2422	-7.813	-7.408	-4.60	8.0	-12.6
Low 4	2427	-7.687	-5.740	-3.59	8.0	-11.6
Mid 6	2437	-7.649	-5.721	-3.57	8.0	-11.6
High 9	2452	-8.503	-8.403	-5.44	8.0	-13.4
High 10	2457	-10.309	-10.591	-7.44	8.0	-15.4
High 11	2462	-11.362	-10.943	-8.14	8.0	-16.1
High 12	2467	-13.589	-14.160	-10.85	8.0	-18.9
High 13	2472	-21.870	21.416	21.42	8.0	13.4









8.6. CONDUCTED SPURIOUS EMISSIONS

LIMITS

FCC §15.247 (d)

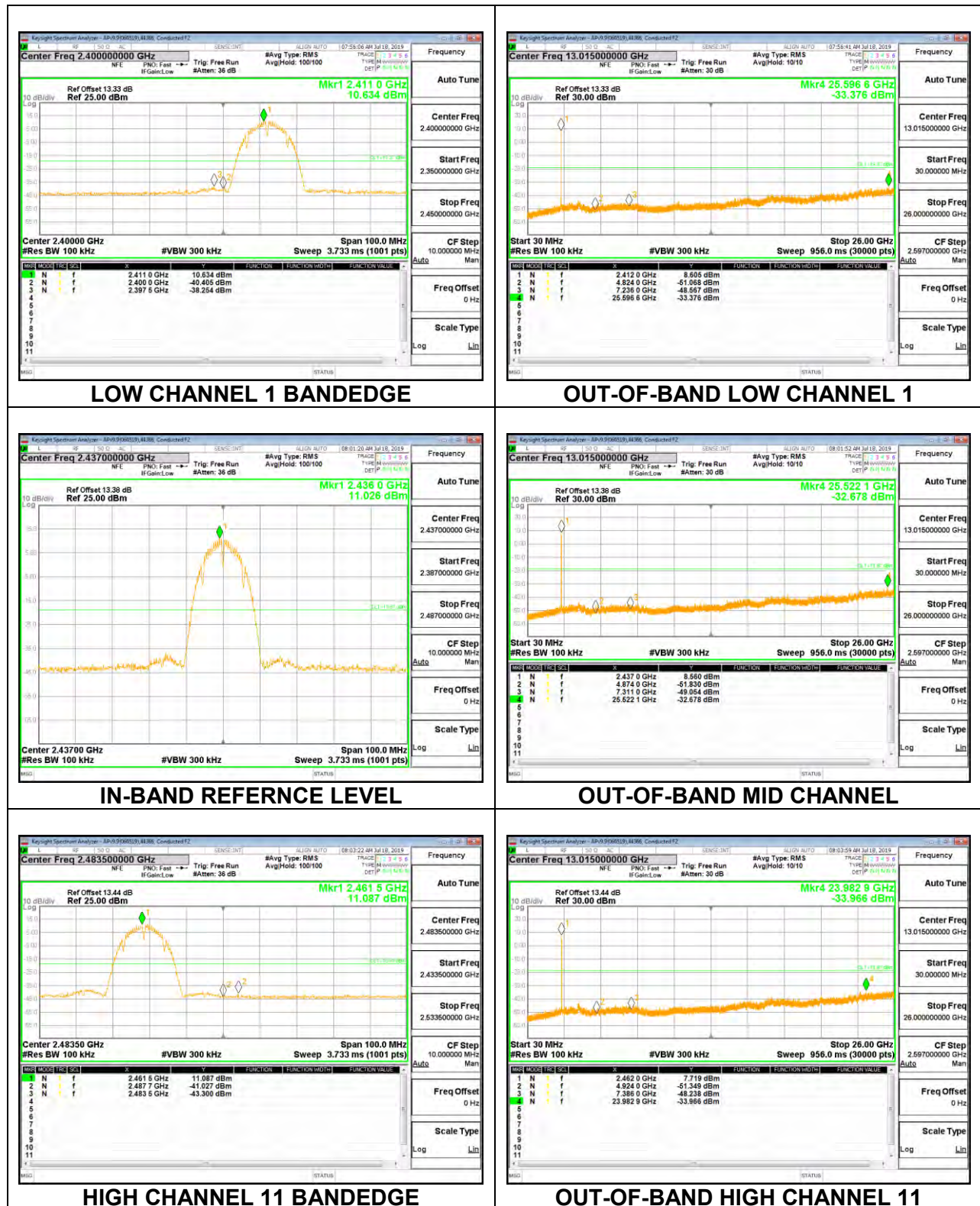
RSS-247 5.5

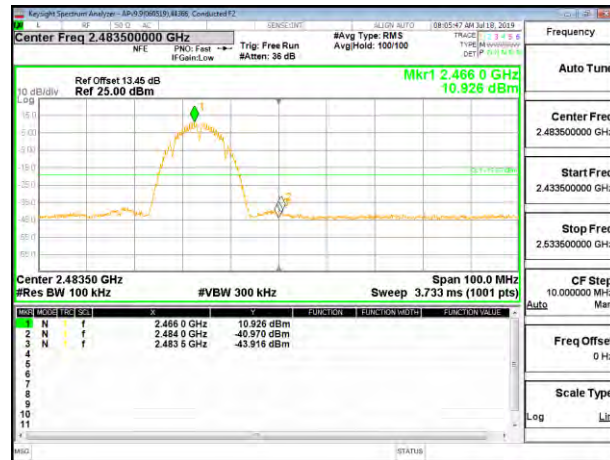
Output power was measured based on the use of peak measurement, therefore the required attenuation is 20 dB.

RESULTS

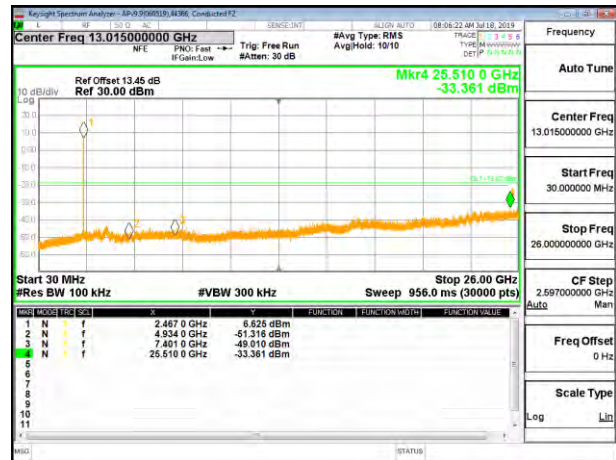
8.6.1. 802.11b MODE

1TX Antenna 4 MODE

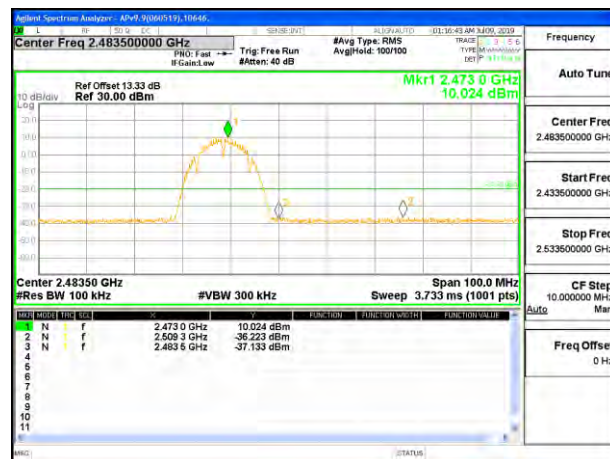




HIGH CHANNEL 12 BANDEDGE



OUT-OF-BAND HIGH CHANNEL 12

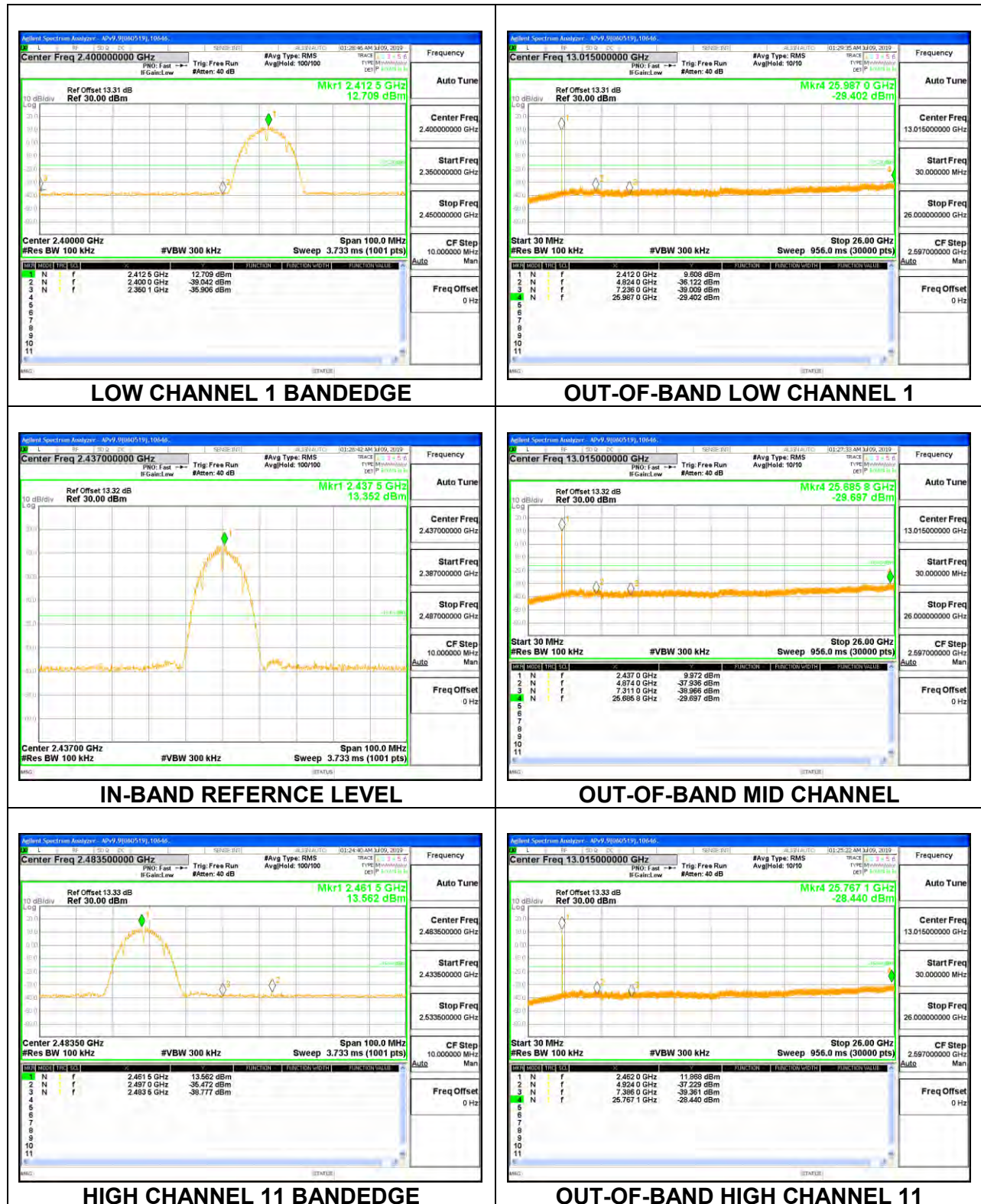


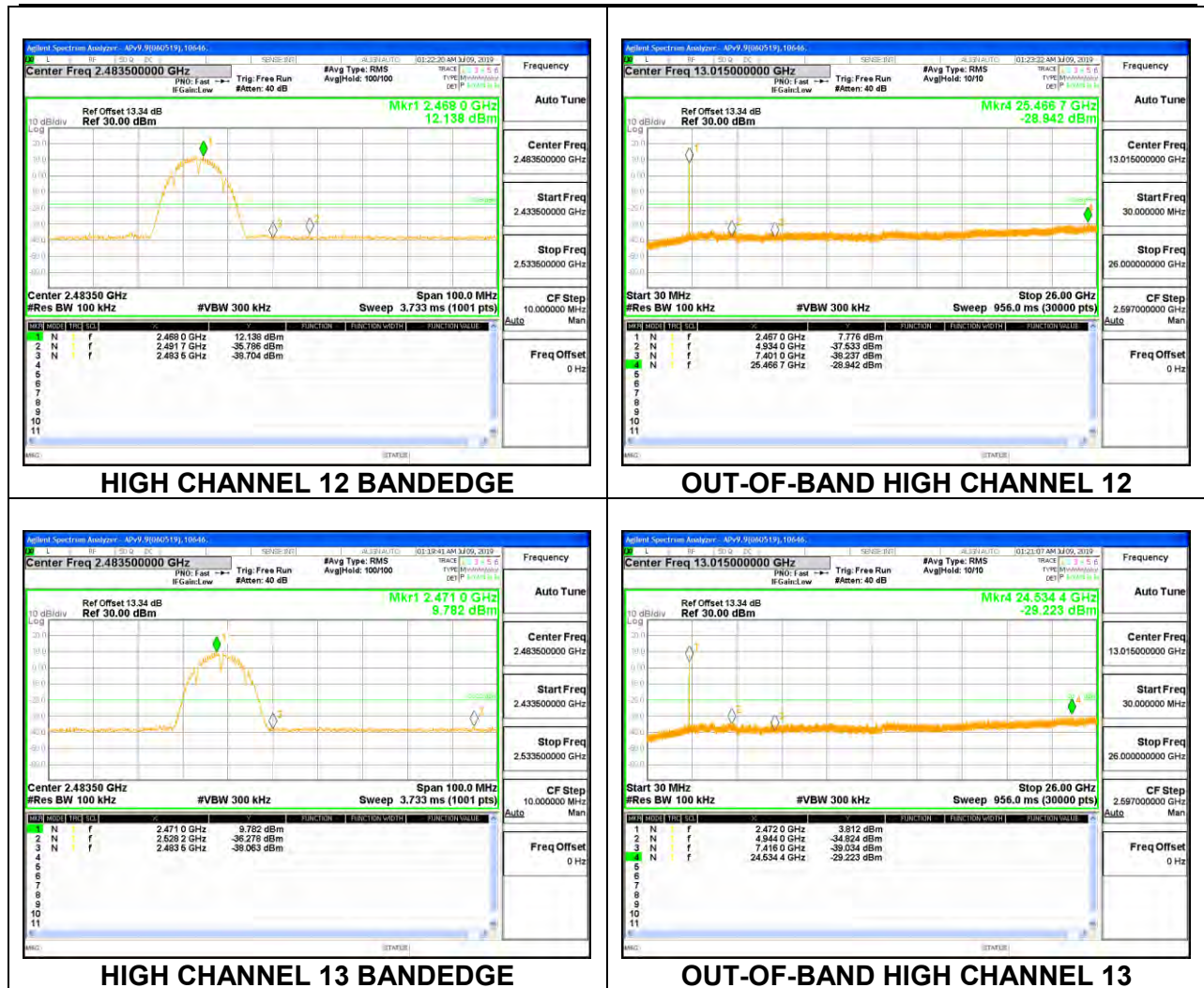
HIGH CHANNEL 13 BANDEDGE



OUT-OF-BAND HIGH CHANNEL 13

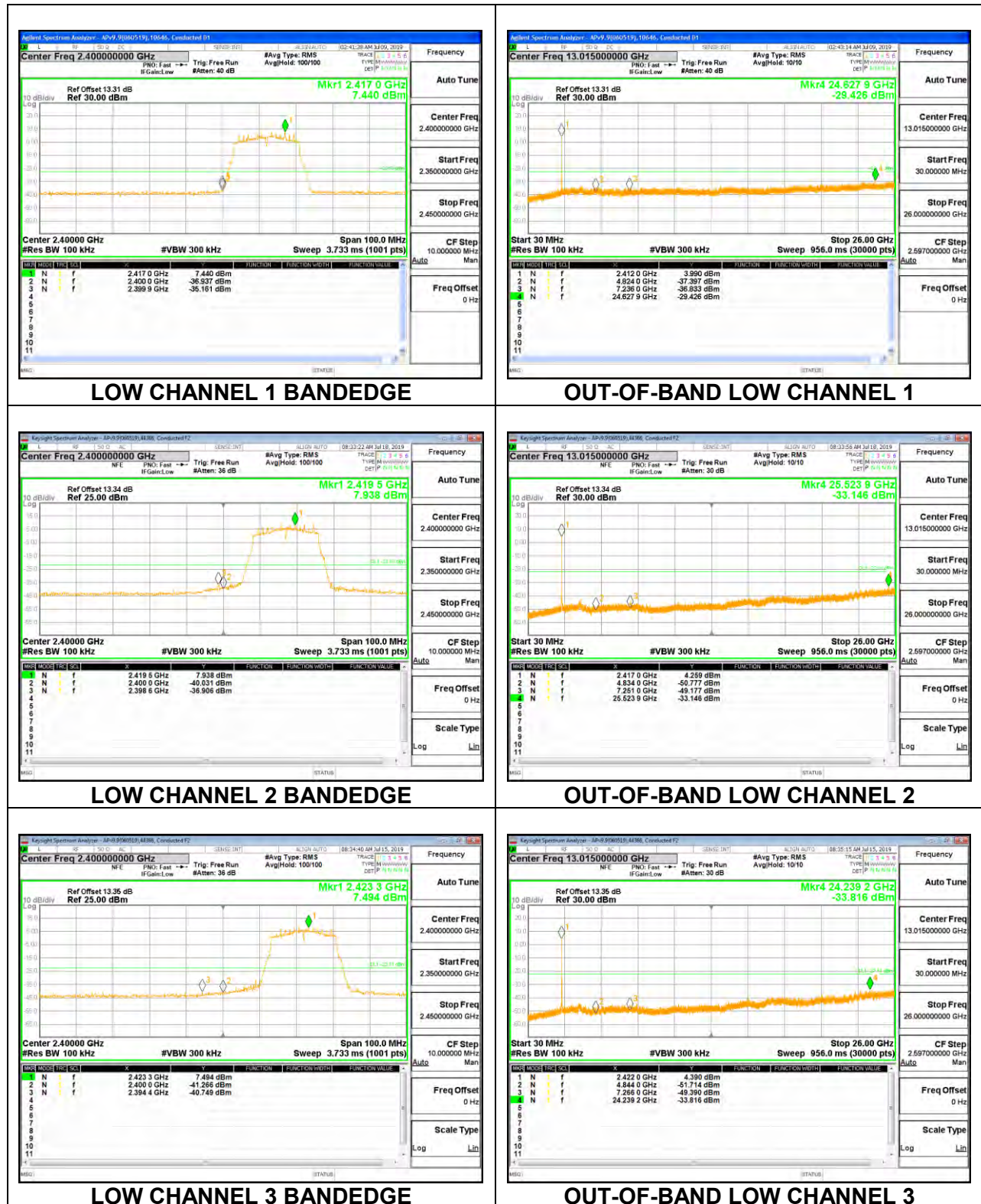
1TX Antenna 3 MODE

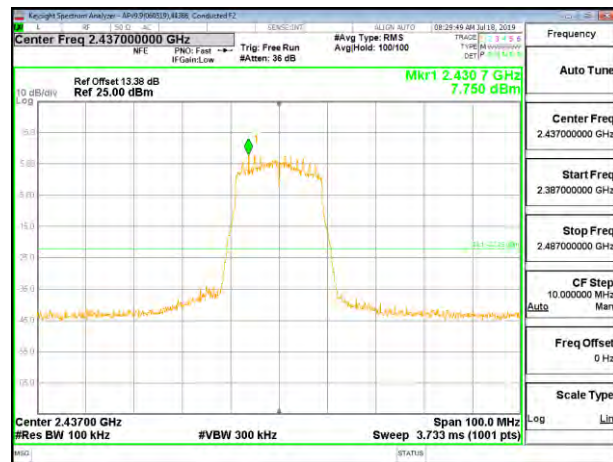




8.6.2. 802.11n HT20 MODE

1TX Antenna 4 MODE

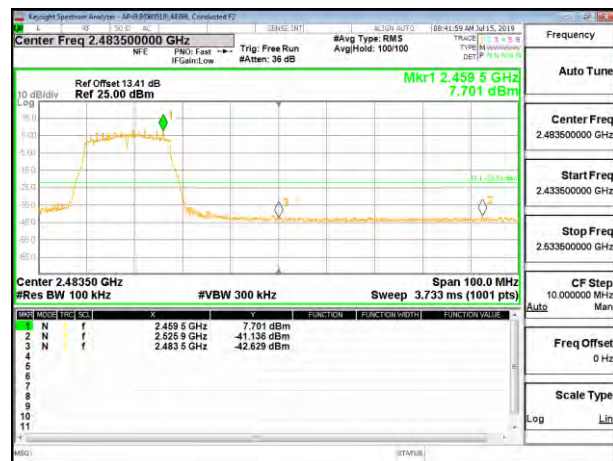




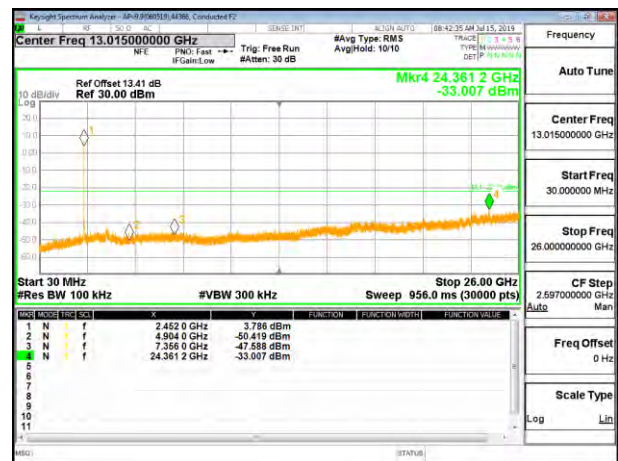
IN-BAND REFERENCE LEVEL



OUT-OF-BAND MID CHANNEL



HIGH CHANNEL 9 BANDEDGE



OUT-OF-BAND HIGH CHANNEL 9



HIGH CHANNEL 10 BANDEDGE



OUT-OF-BAND HIGH CHANNEL 10