

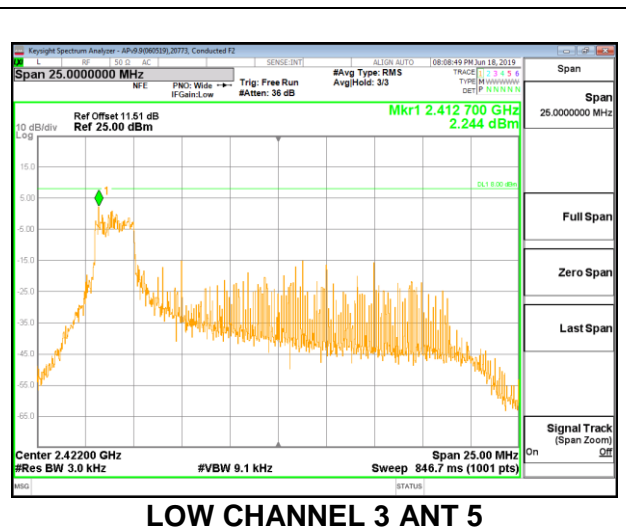
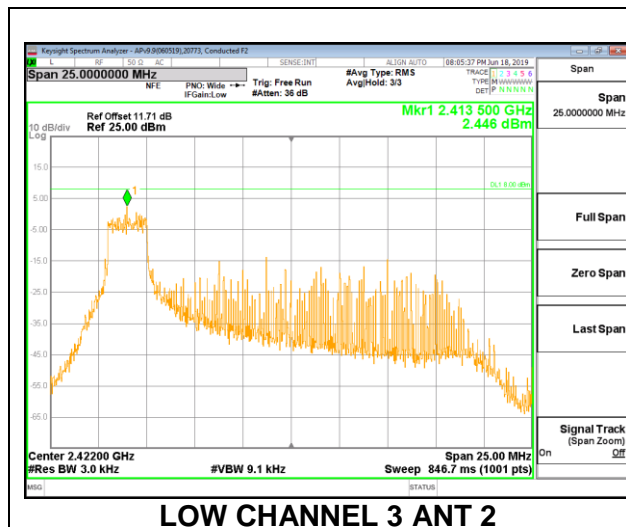
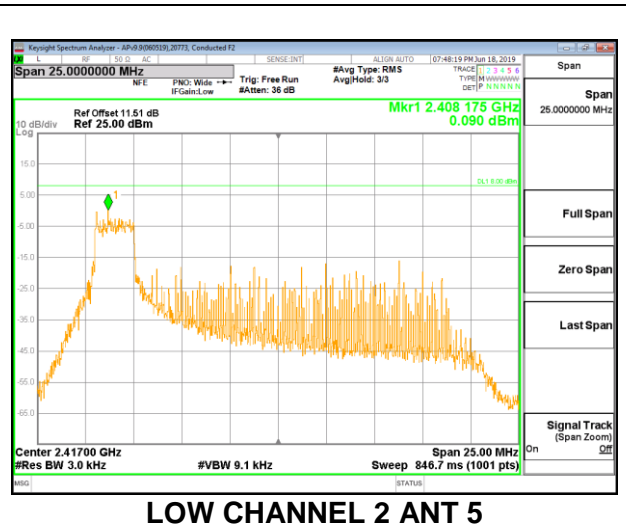
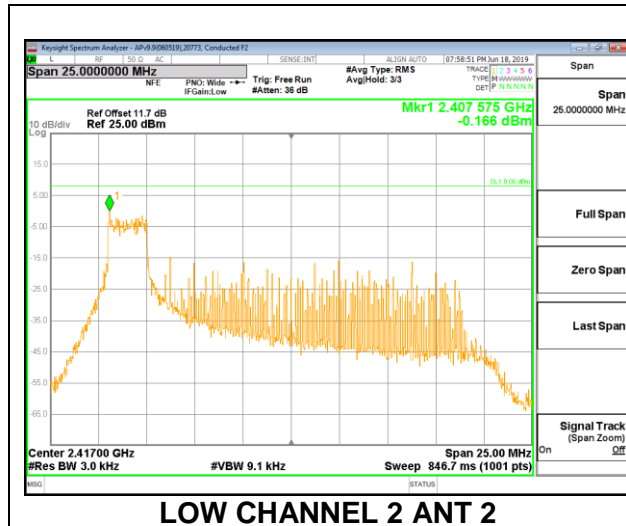
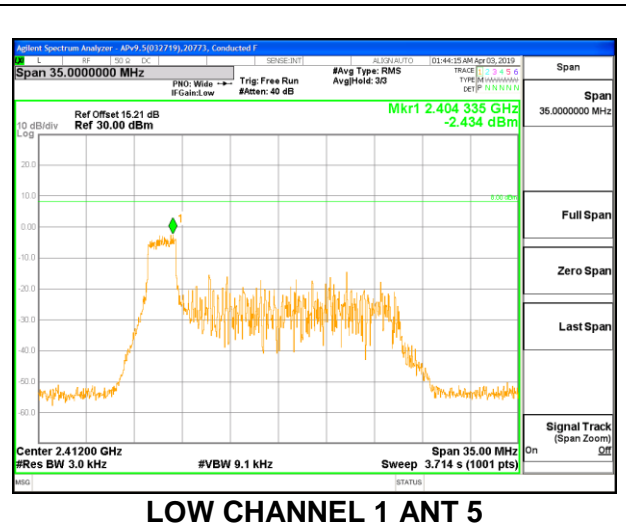
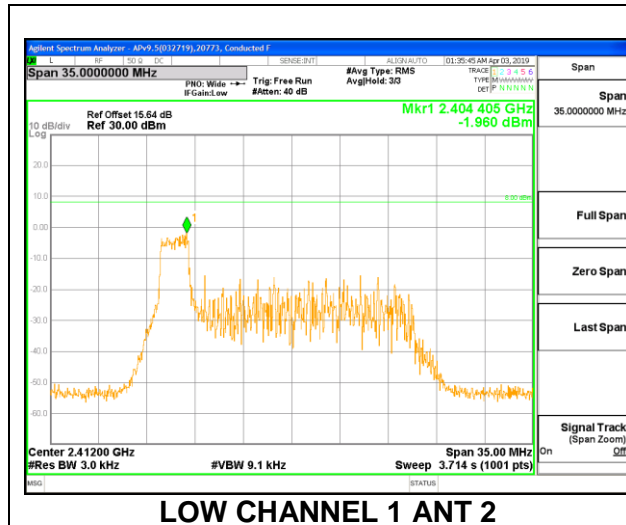
8.5.5. 802.11ax HE20 OFDMA MODE 2TX

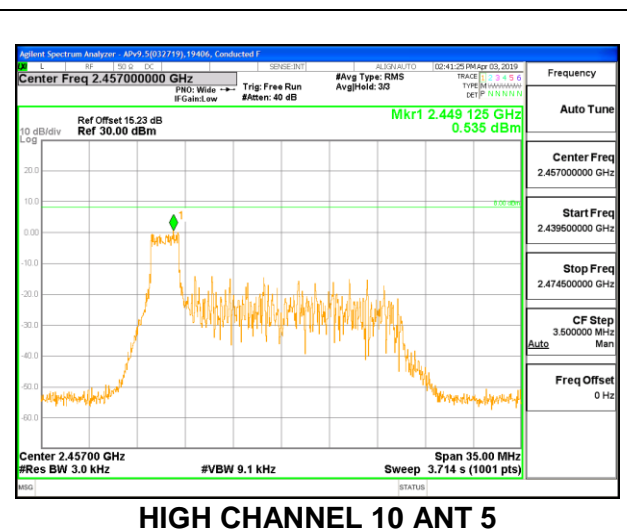
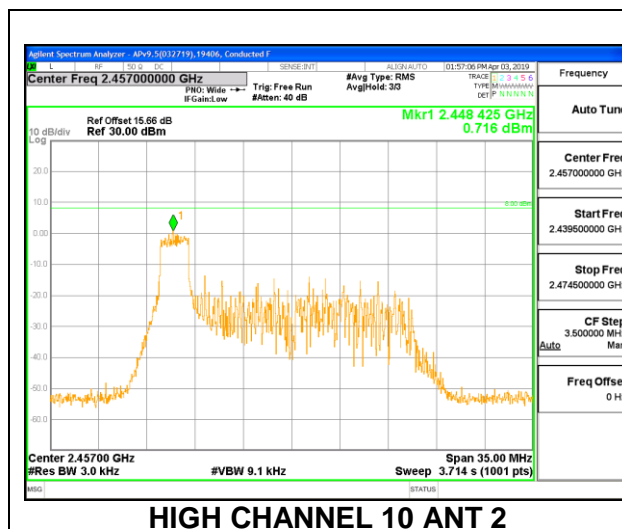
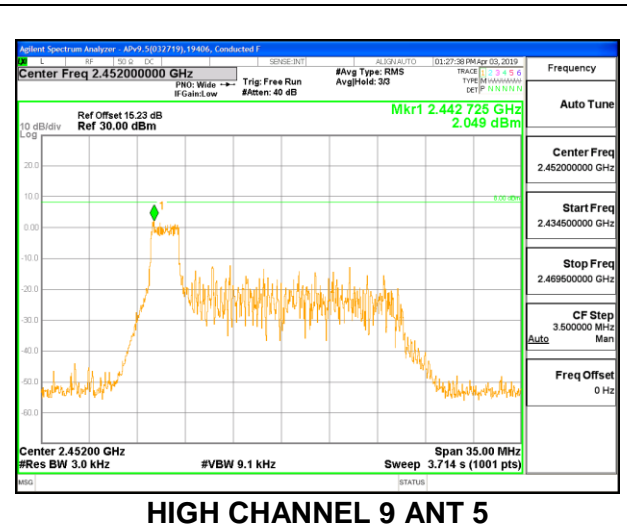
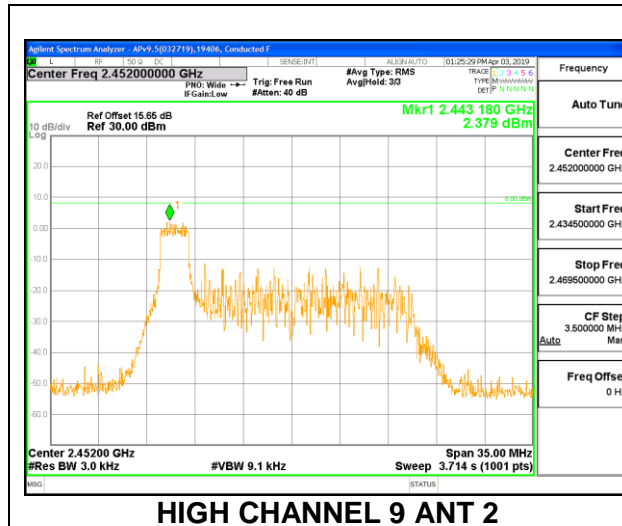
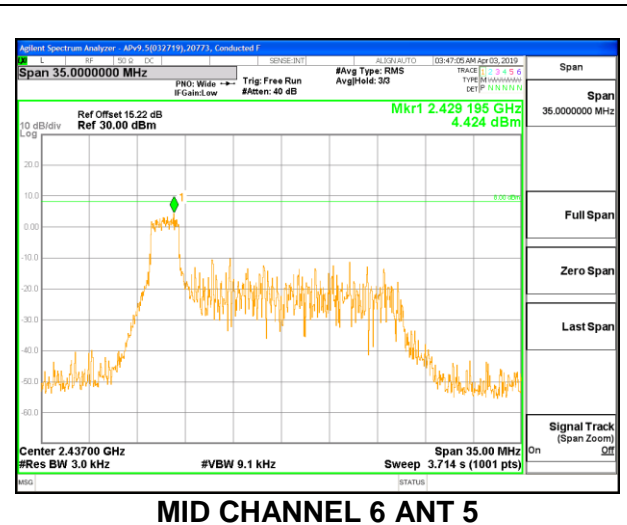
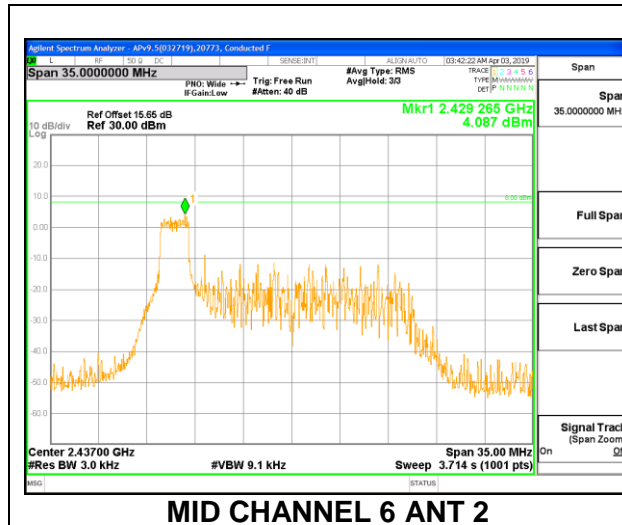
Antenna 2 + Antenna 5 2TX MODE: 26-Tones, RU Index 0

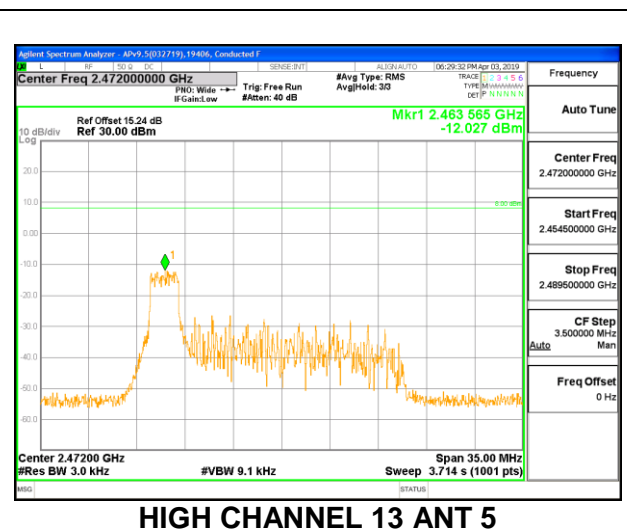
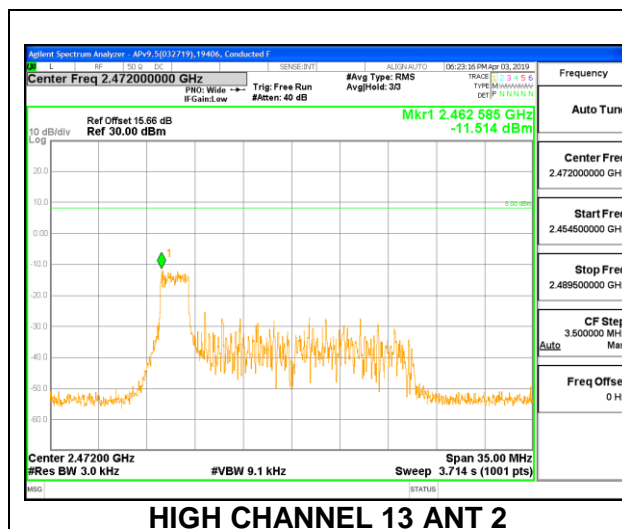
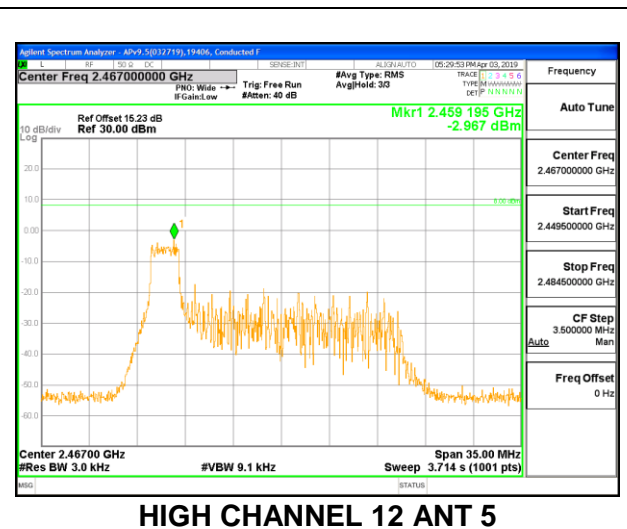
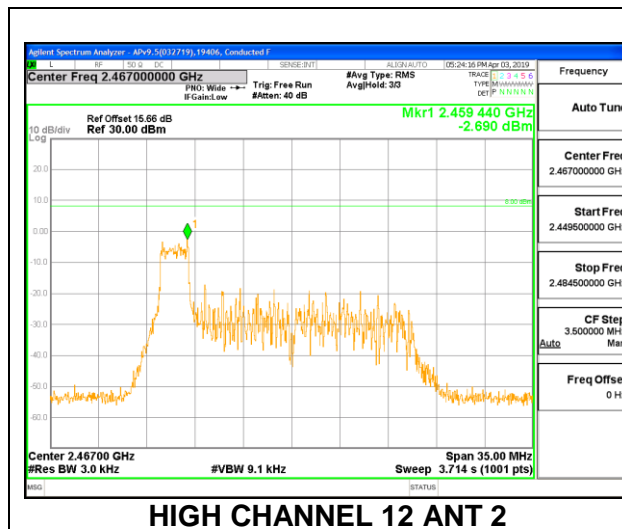
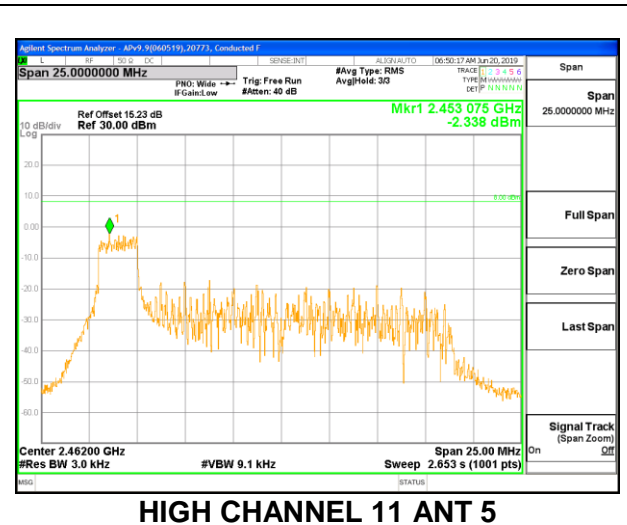
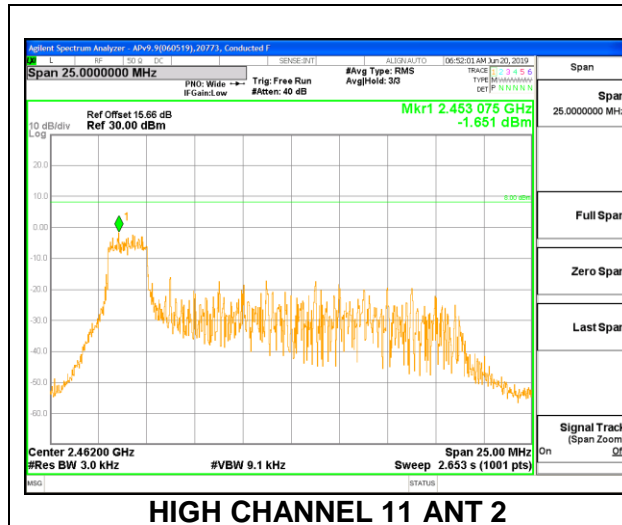
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

Channel	Frequency (MHz)	Antenna 2 Meas (dBm/ 3kHz)	Antenna 5 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-1.960	-2.434	0.82	8.0	-7.2
Low 2	2417	-0.166	0.090	2.97	8.0	-5.0
Low 3	2422	2.446	2.244	5.36	8.0	-2.6
Mid 6	2437	4.087	4.424	7.27	8.0	-0.7
High 9	2452	2.379	2.049	5.23	8.0	-2.8
High 10	2457	0.716	0.535	3.64	8.0	-4.4
High 11	2462	-1.651	-2.338	1.03	8.0	-7.0
High 12	2467	-2.690	-2.967	0.18	8.0	-7.8
High 13	2472	-11.514	-12.027	-8.75	8.0	-16.8





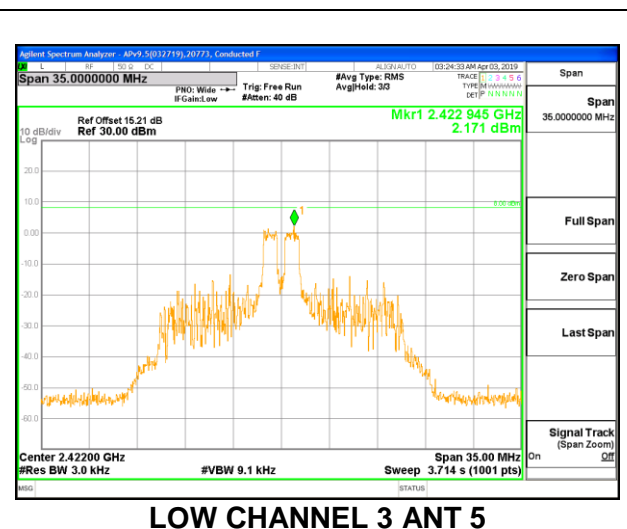
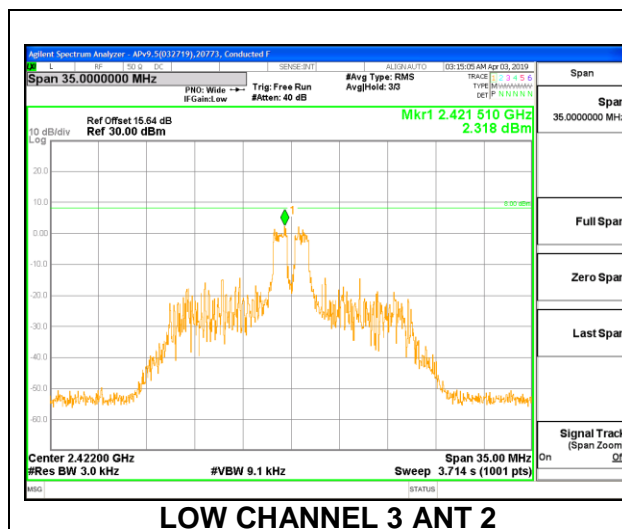
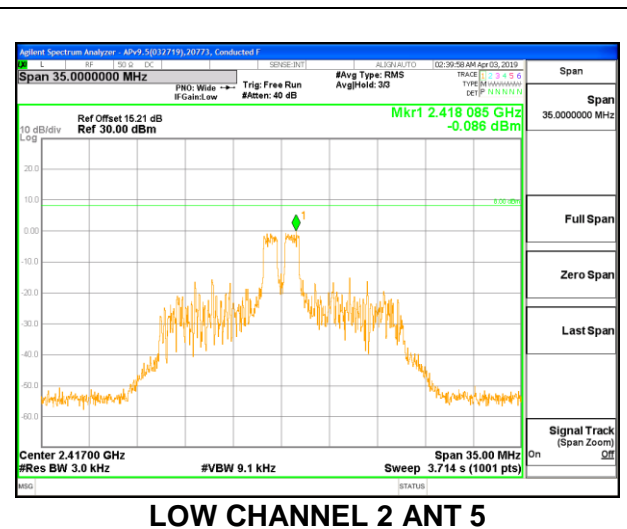
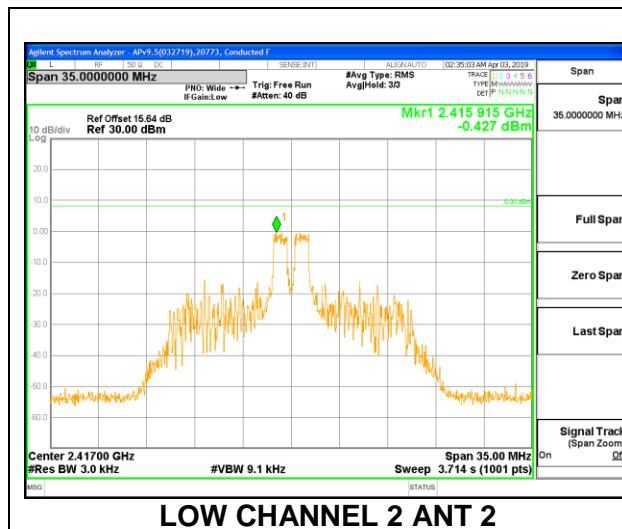
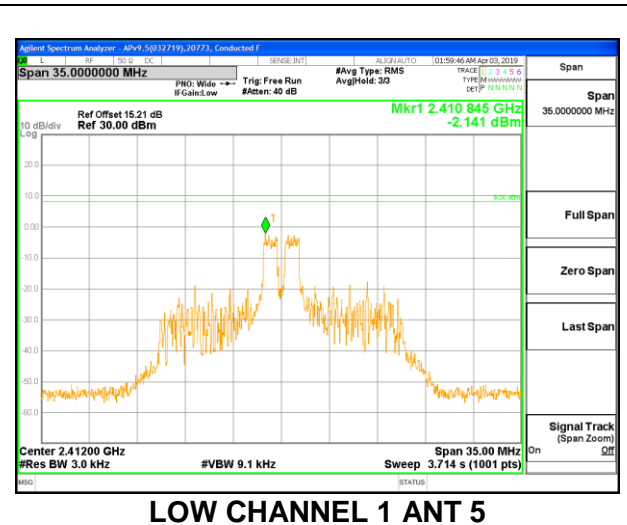
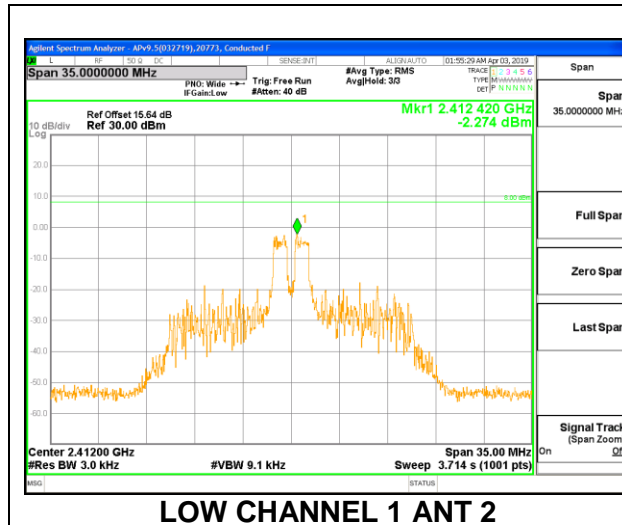


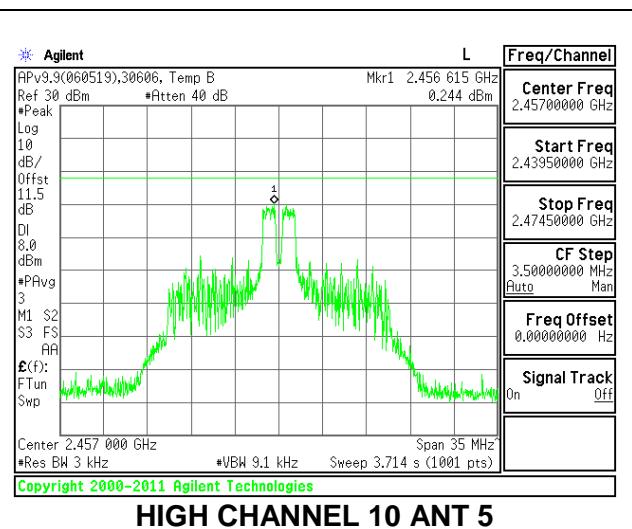
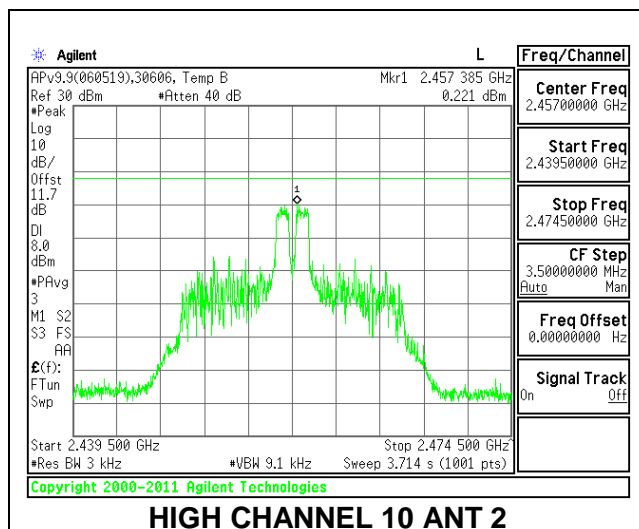
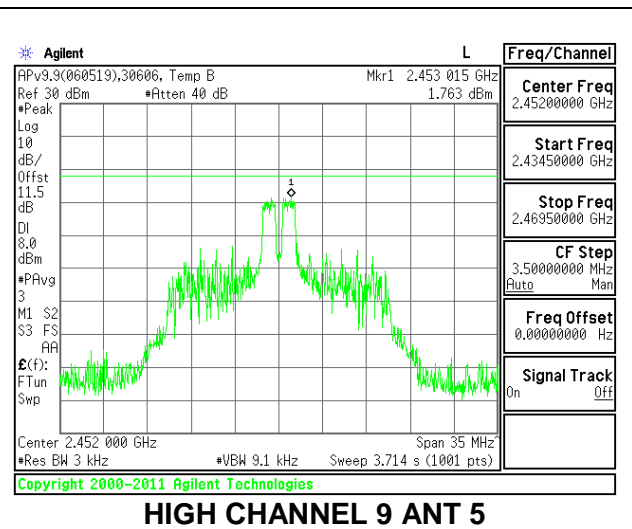
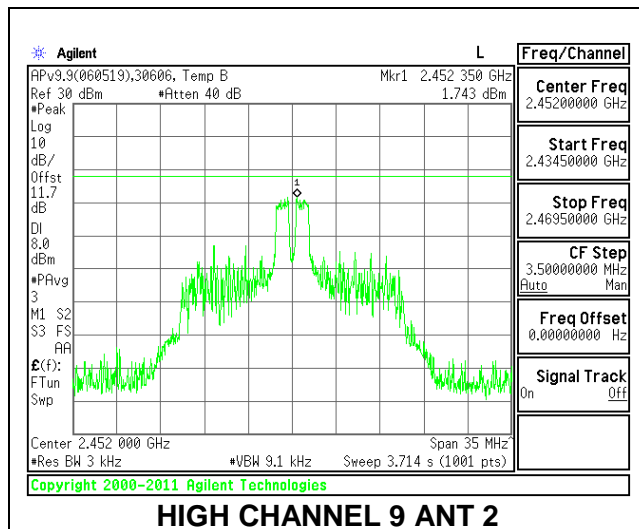
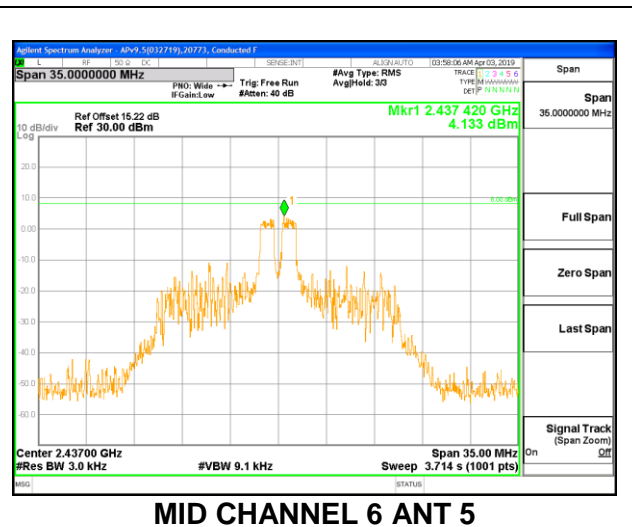
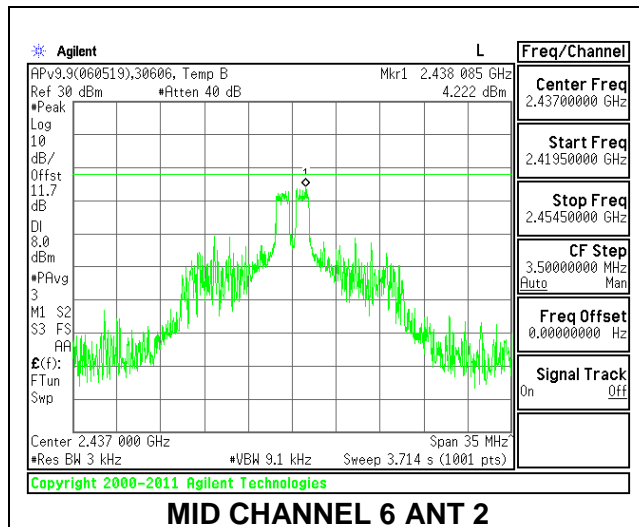
Antenna 2 + Antenna 5 2TX MODE: 26-Tones, RU Index 4

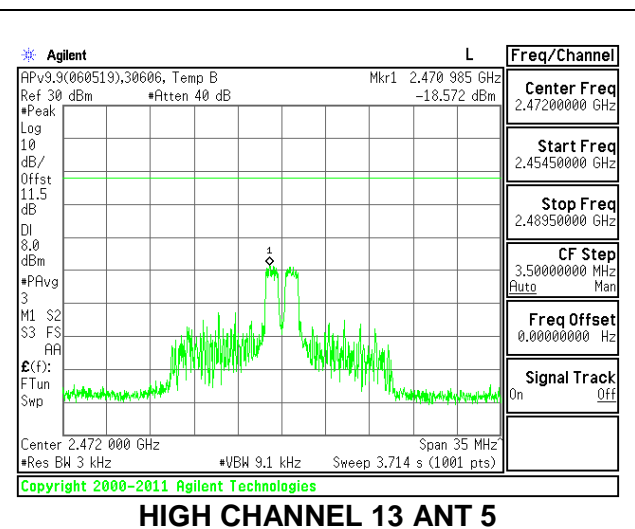
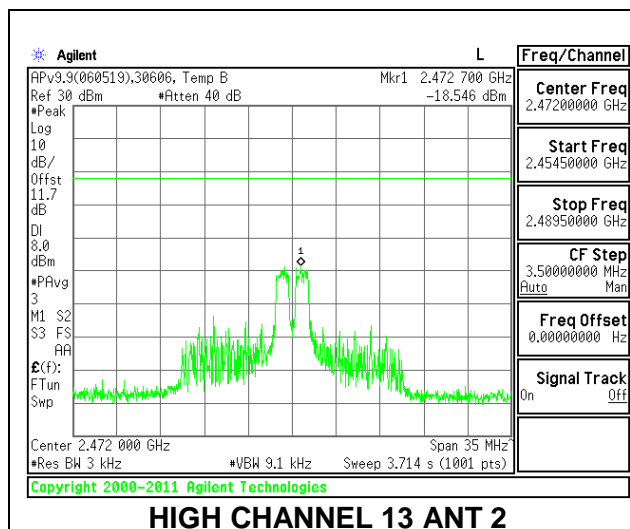
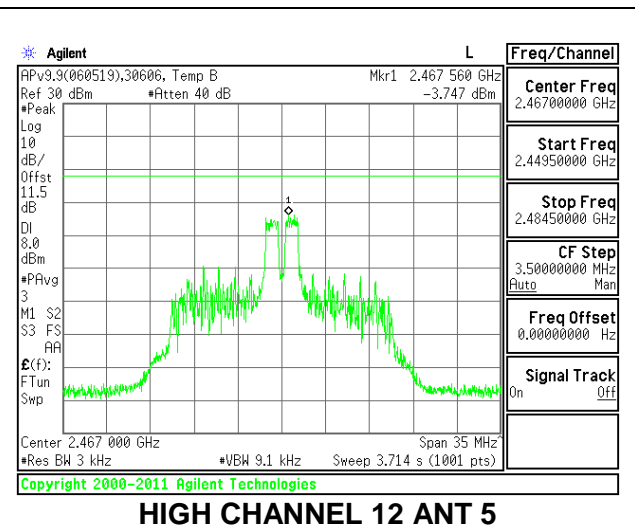
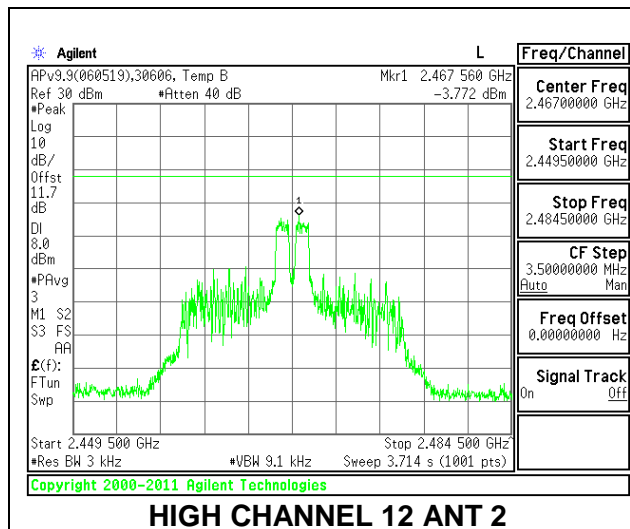
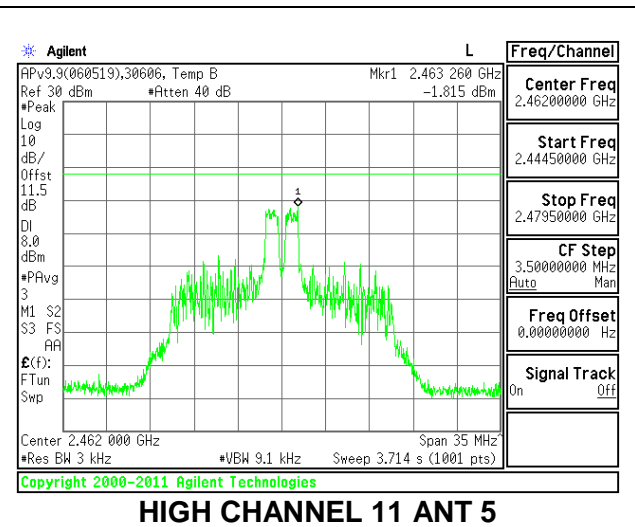
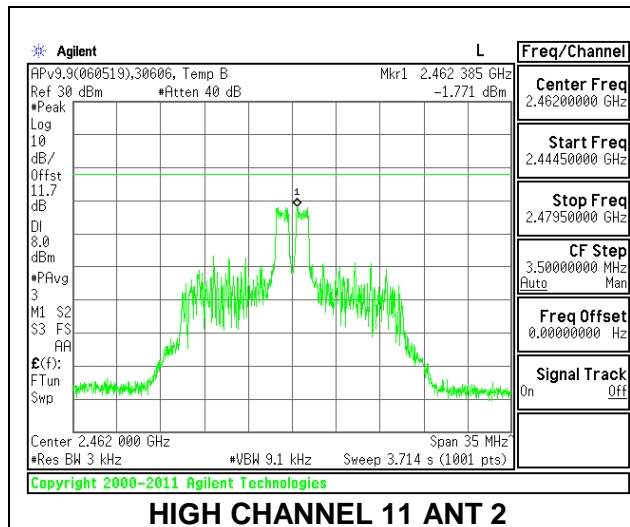
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

Channel	Frequency (MHz)	Antenna 2 Meas (dBm/ 3kHz)	Antenna 5 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-2.274	-2.141	0.80	8.0	-7.2
Low 2	2417	-0.427	-0.086	2.76	8.0	-5.2
Low 3	2422	2.318	2.171	5.26	8.0	-2.7
Mid 6	2437	4.222	4.133	7.19	8.0	-0.8
High 9	2452	1.743	1.763	4.76	8.0	-3.2
High 10	2457	0.221	0.244	3.24	8.0	-4.8
High 11	2462	-1.771	-1.815	1.22	8.0	-6.8
High 12	2467	-3.772	-3.747	-0.75	8.0	-8.7
High 13	2472	-18.546	-18.572	-15.55	8.0	-23.5





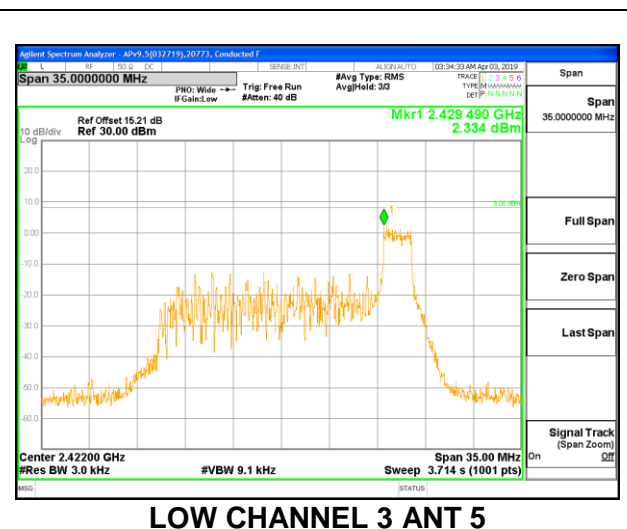
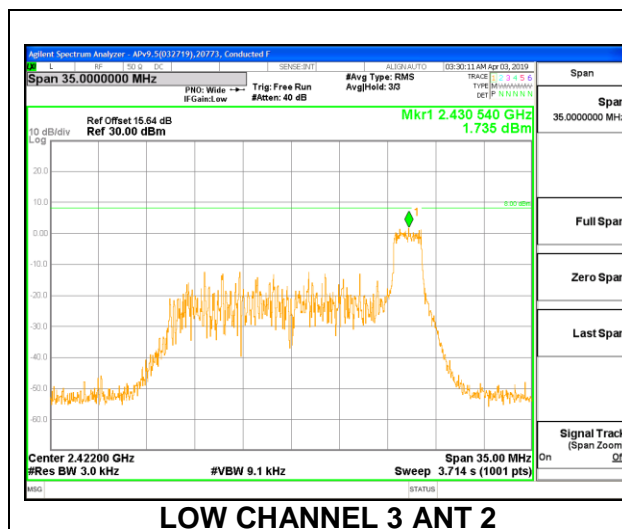
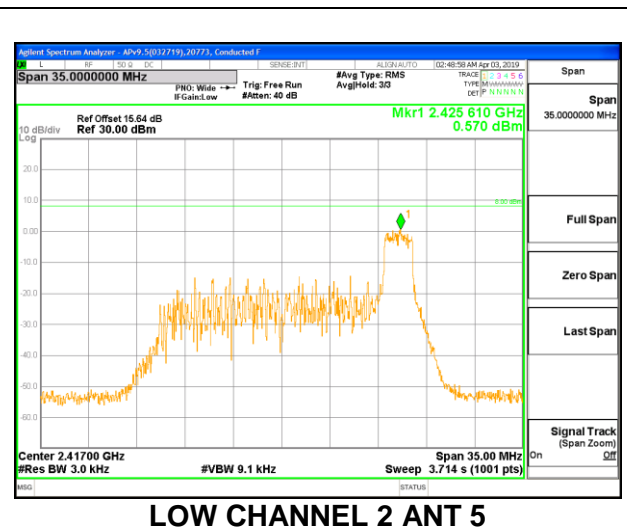
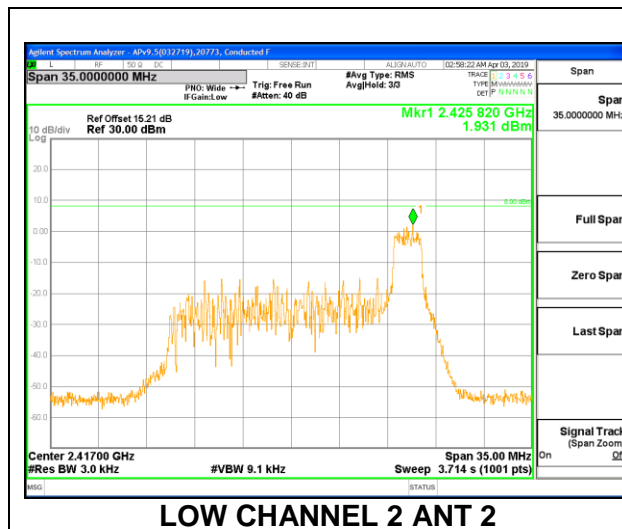
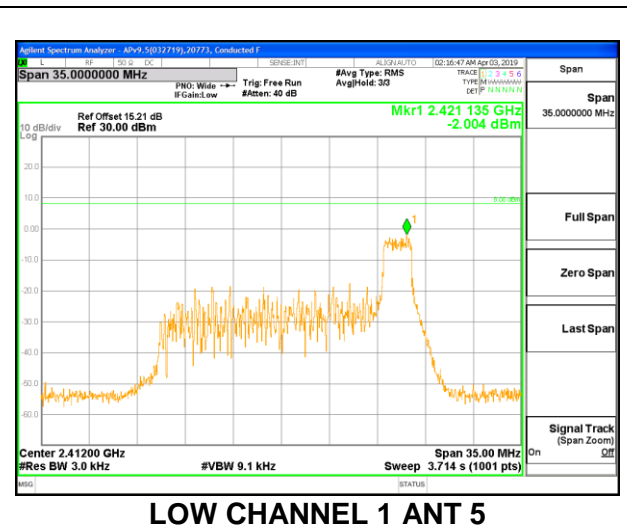
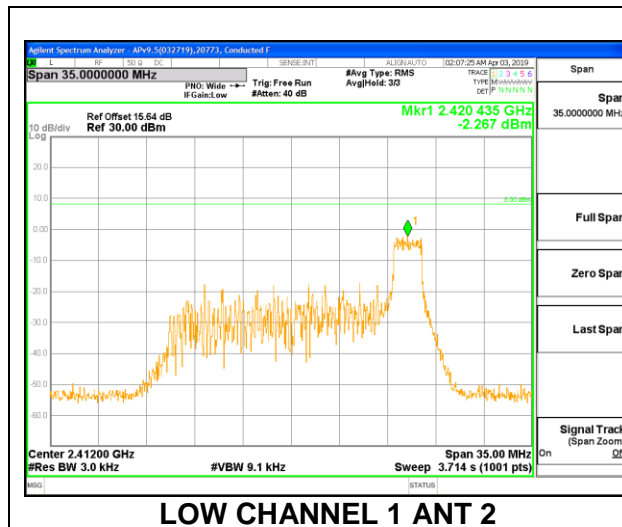


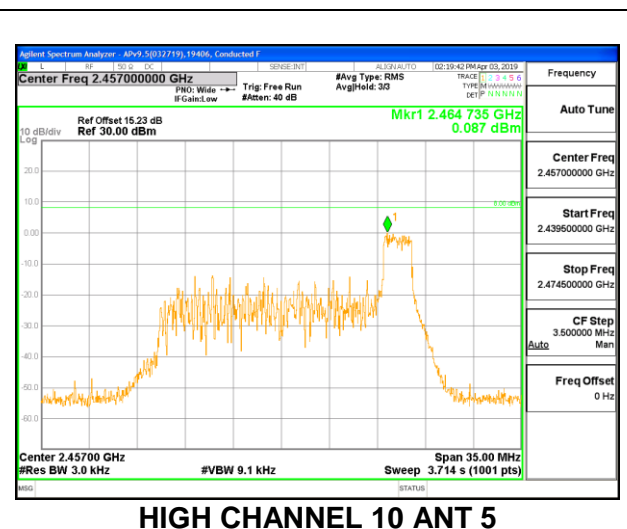
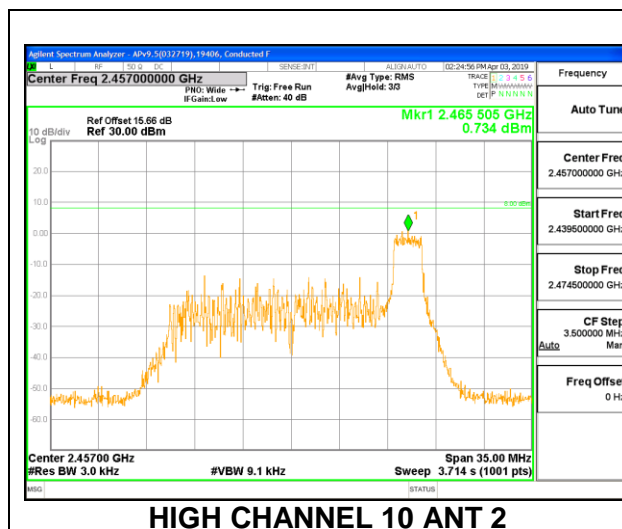
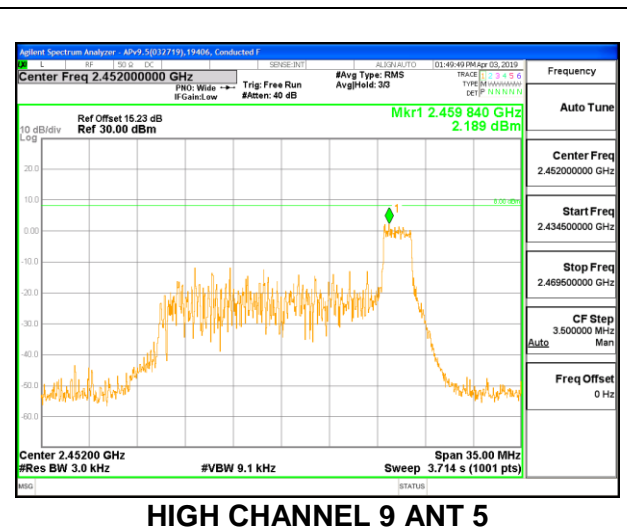
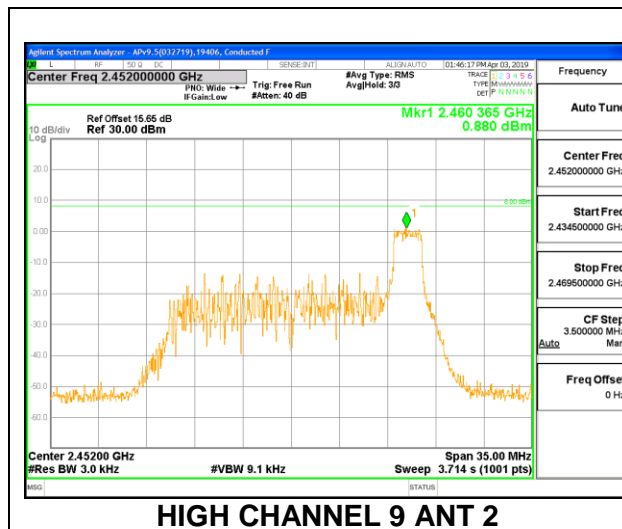
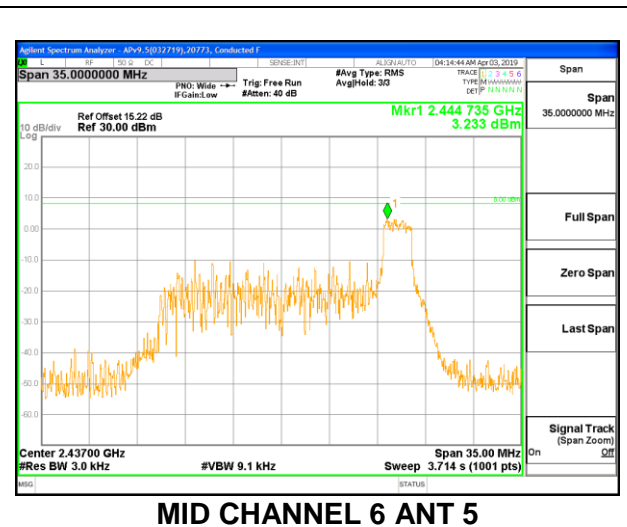
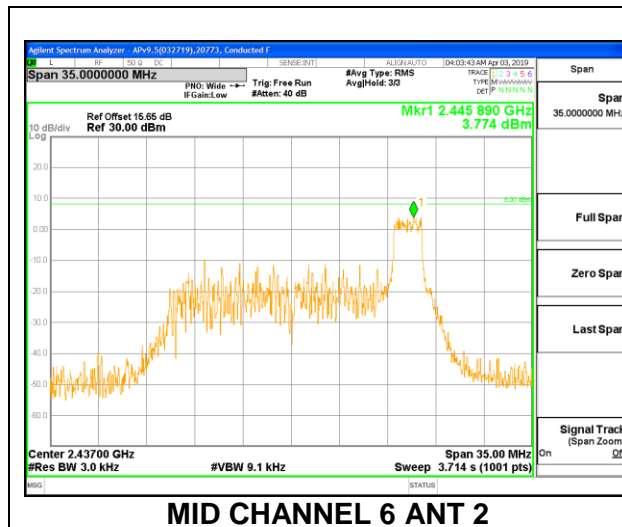
Antenna 2 + Antenna 5 2TX MODE: 26-Tones, RU Index 8

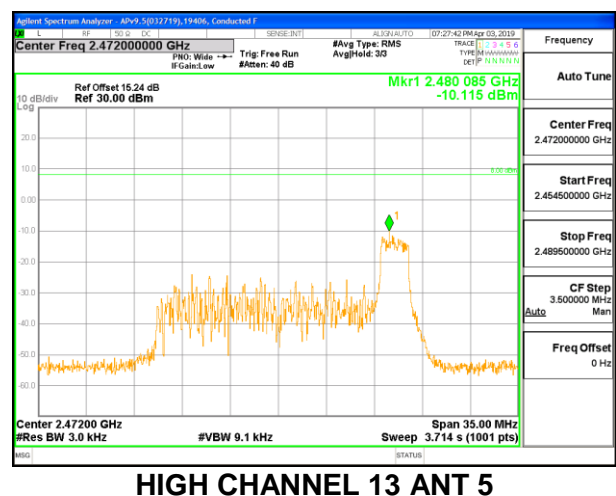
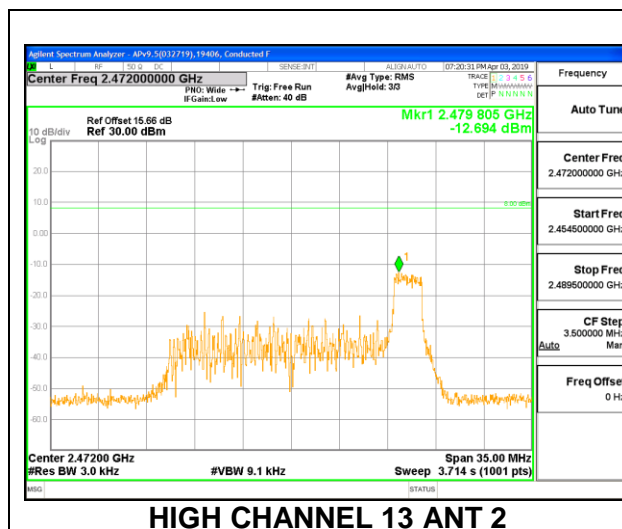
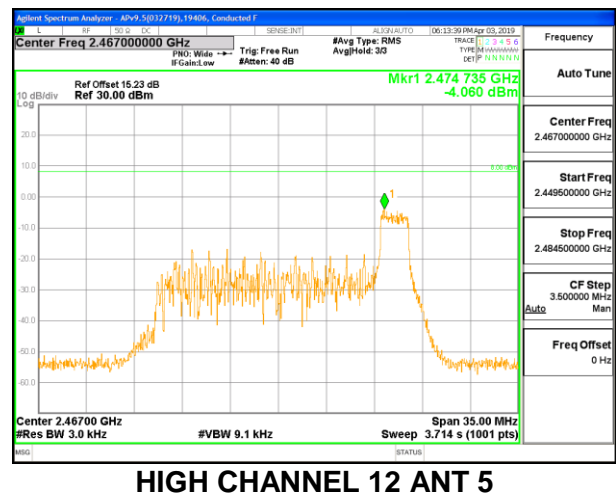
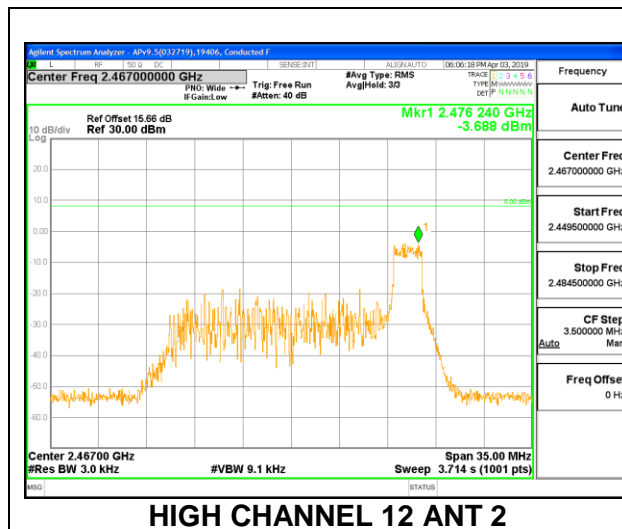
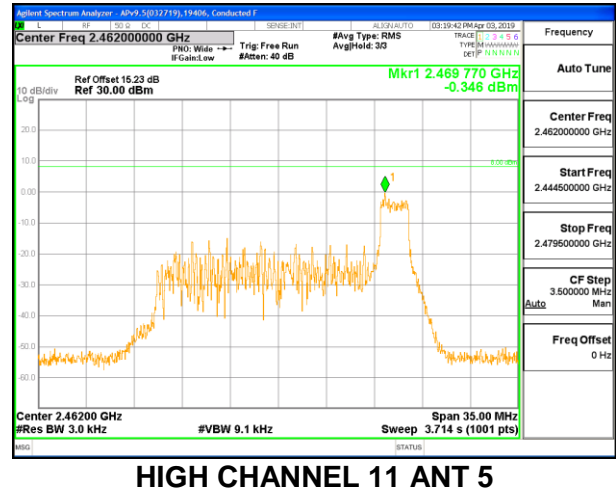
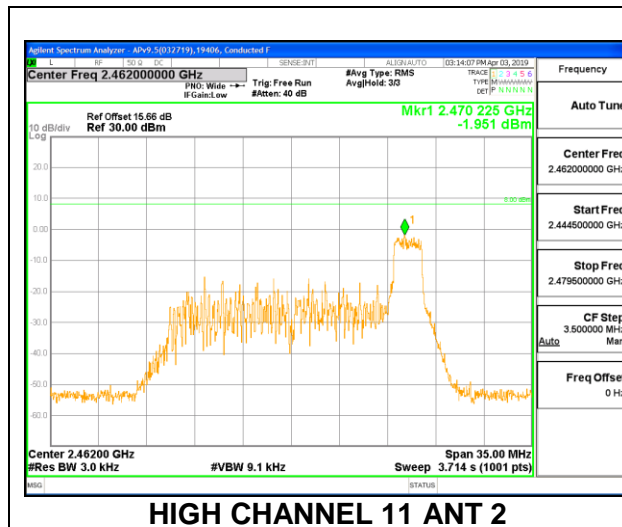
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

Channel	Frequency (MHz)	Antenna 2 Meas (dBm/ 3kHz)	Antenna 5 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-2.267	-2.004	0.88	8.0	-7.1
Low 2	2417	1.931	0.570	4.31	8.0	-3.7
Low 3	2422	1.735	2.334	5.06	8.0	-2.9
Mid 6	2437	3.774	3.233	6.52	8.0	-1.5
High 9	2452	0.880	2.189	4.59	8.0	-3.4
High 10	2457	0.734	0.087	3.43	8.0	-4.6
High 11	2462	-1.951	-0.348	1.93	8.0	-6.1
High 12	2467	-3.688	-4.060	-0.86	8.0	-8.9
High 13	2472	-12.694	-10.115	-8.21	8.0	-16.2





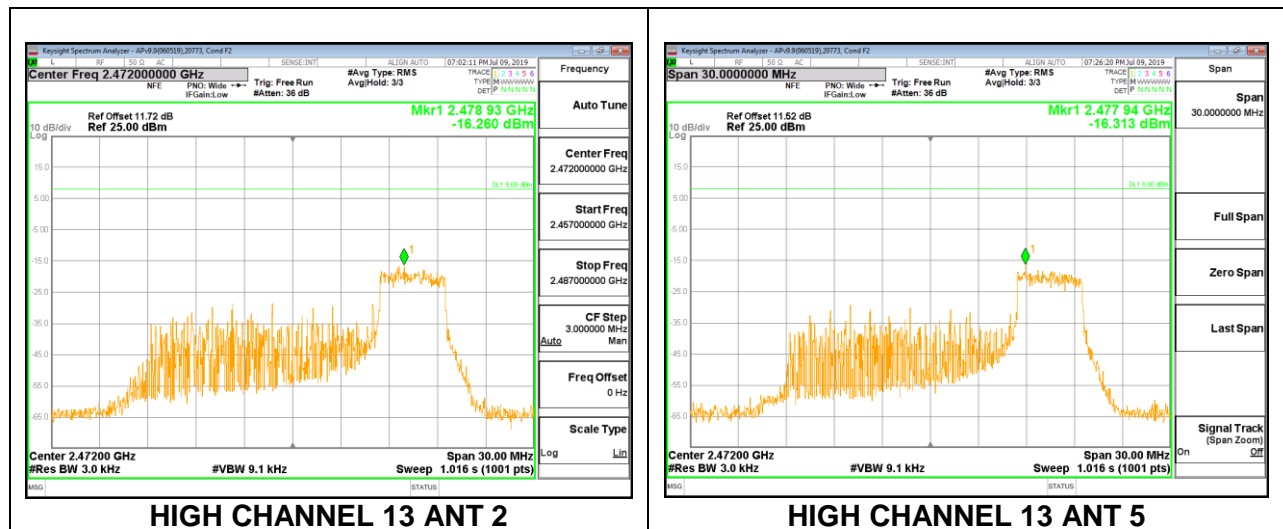


Antenna 2 + Antenna 5 2TX MODE: 52-Tone RU Index 40

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

Channel	Frequency	Antenna 2 Meas	Antenna 5 Meas	Total Corr'd PSD	Limit	Margin
	(MHz)	(dBm/ 3kHz)	(dBm/ 3kHz)	(dBm/ 3kHz)	(dBm/ 3kHz)	(dB)
High 13	2472	-16.260	-16.313	-13.28	8.0	-21.3

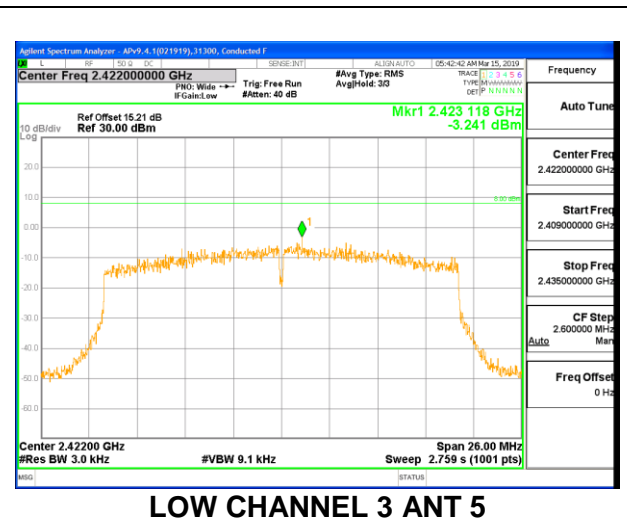
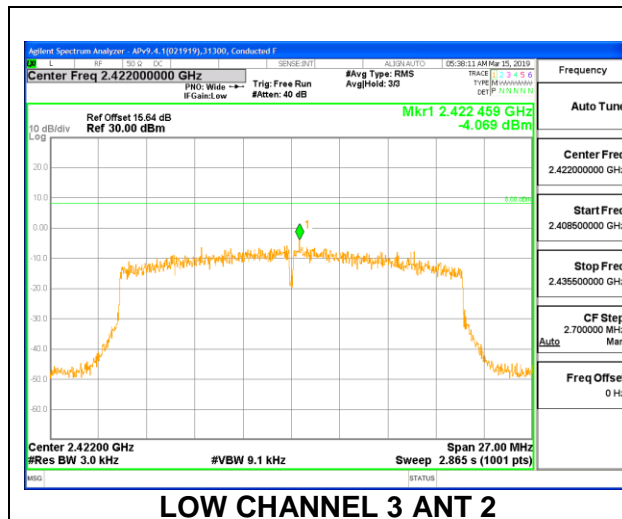
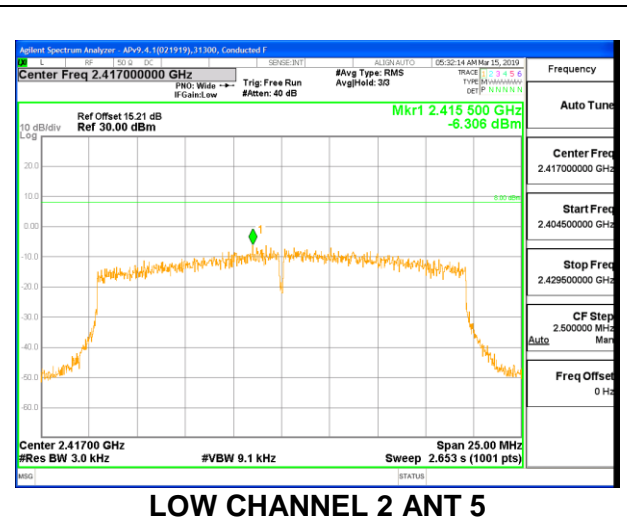
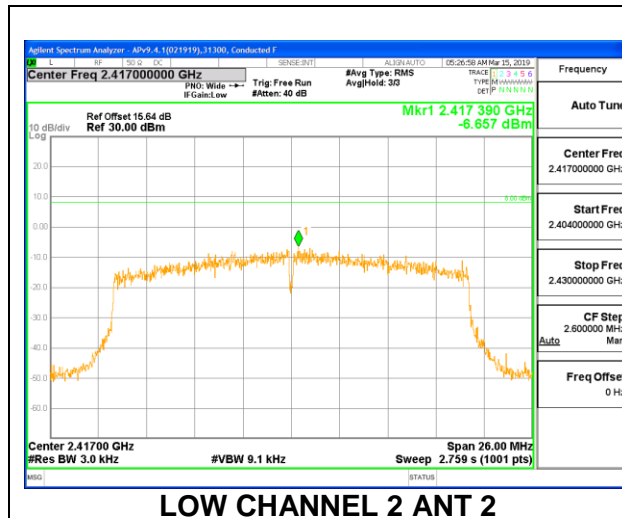
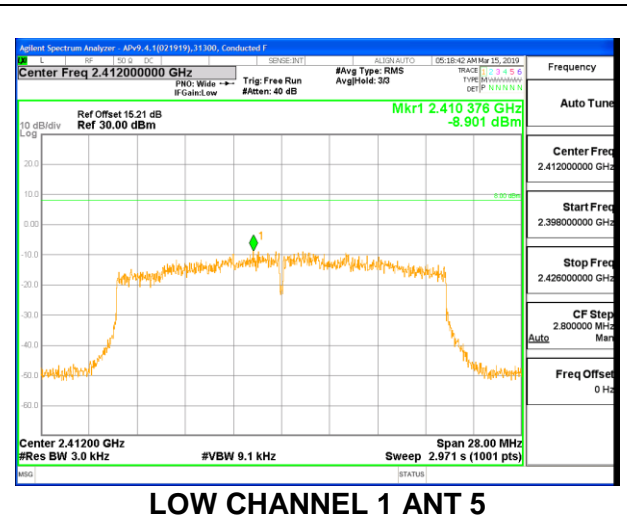
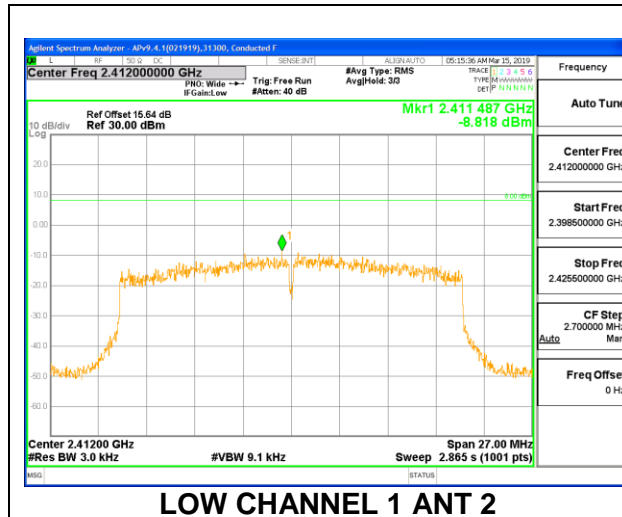


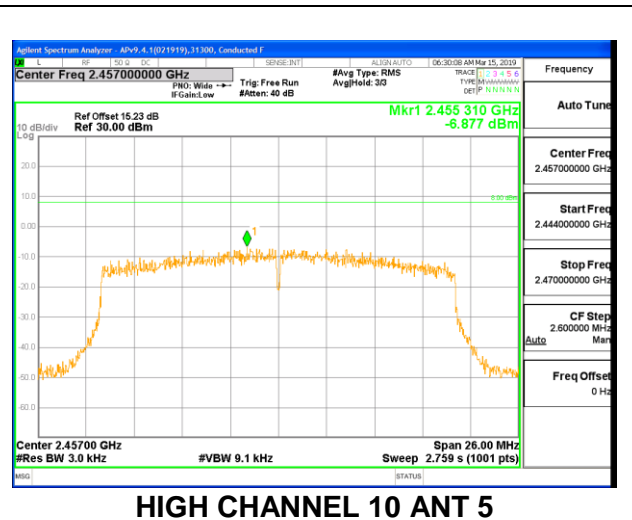
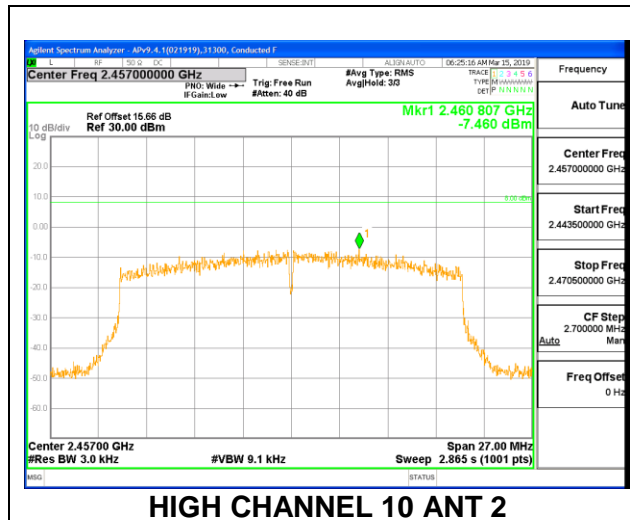
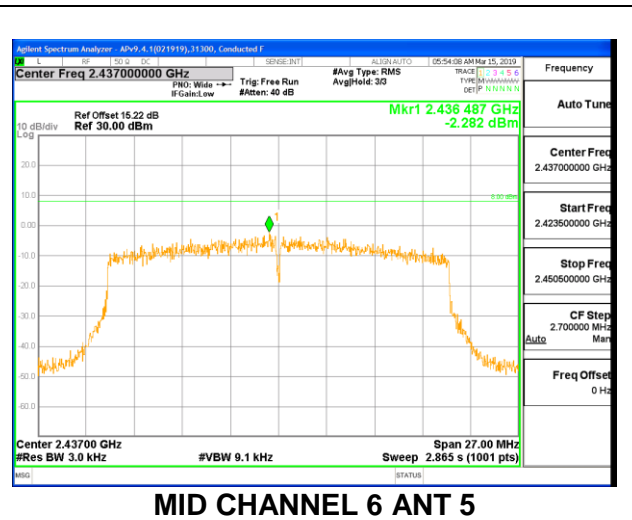
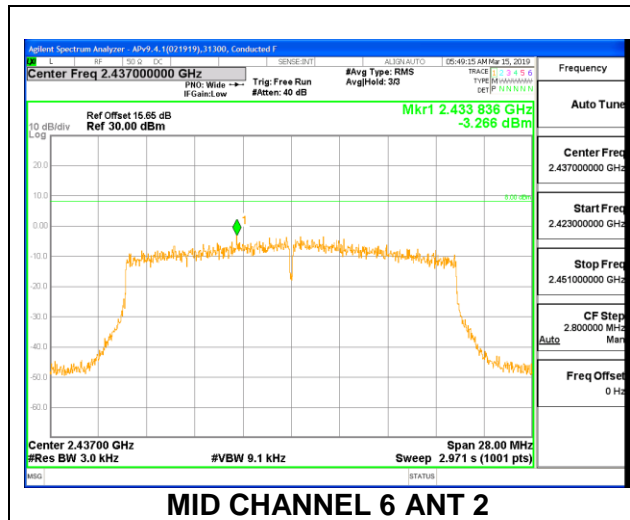
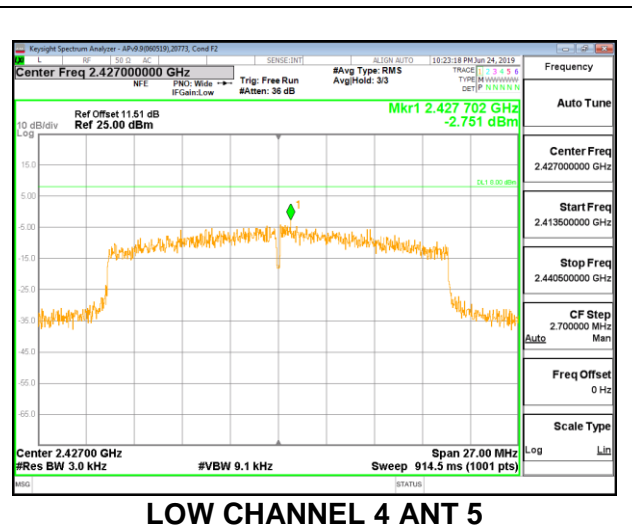
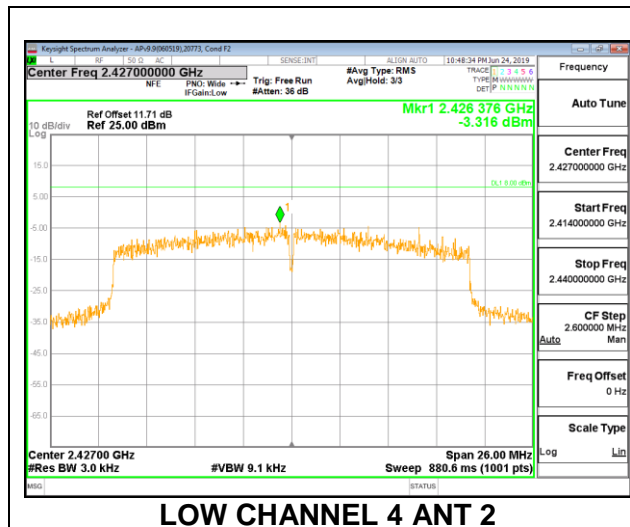
Antenna 2 + Antenna 5 2TX MODE: 242-Tone RU Index 61

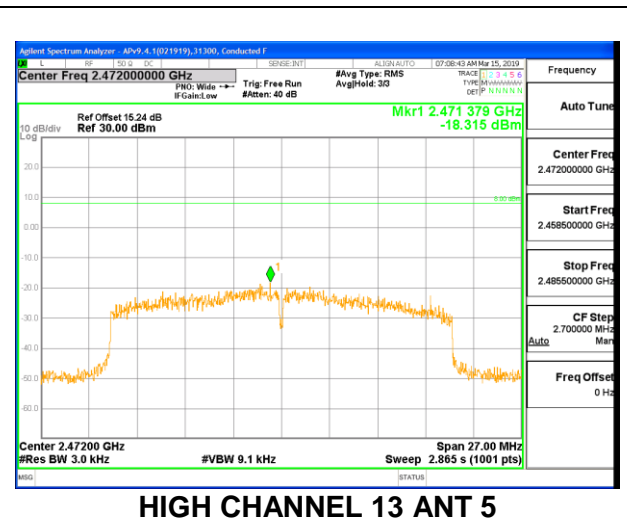
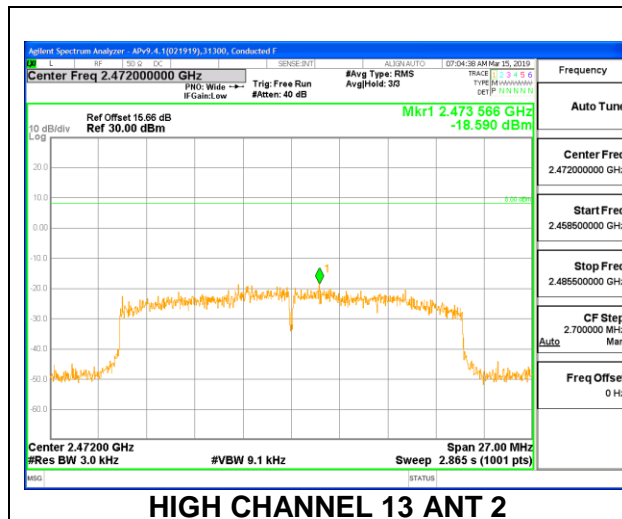
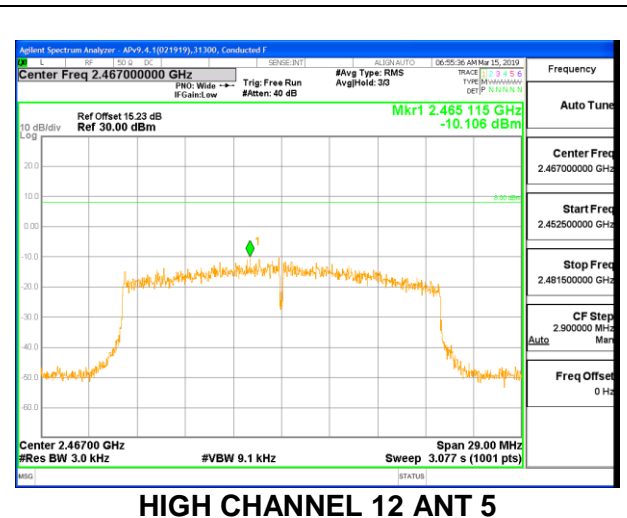
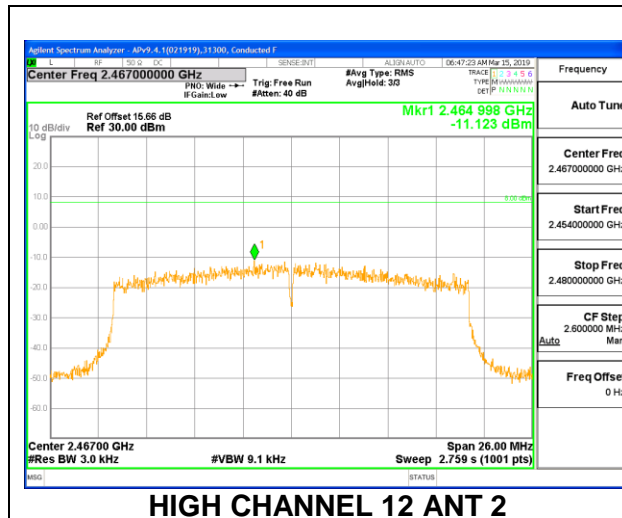
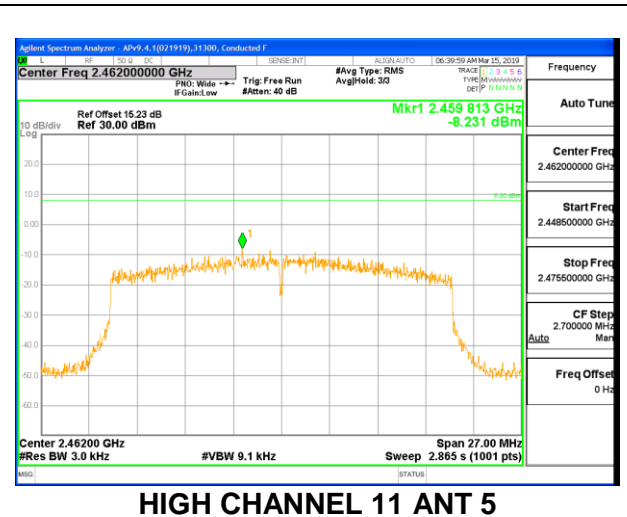
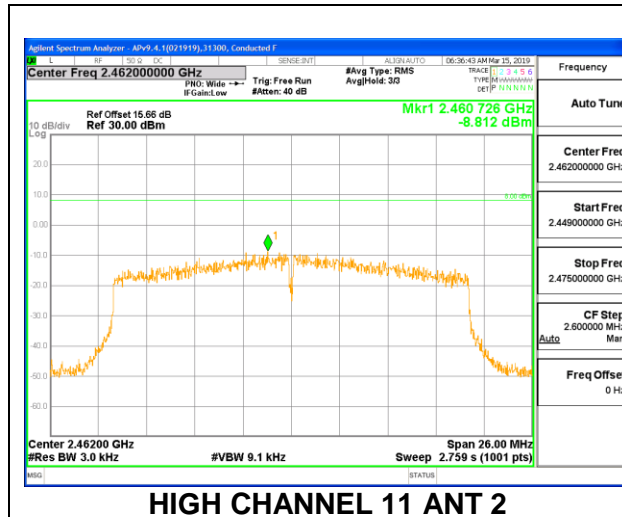
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

Channel	Frequency (MHz)	Antenna 2 Meas (dBm/ 3kHz)	Antenna 5 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-8.818	-8.901	-5.85	8.0	-13.8
Low 2	2417	-8.657	-6.306	-4.31	8.0	-12.3
Low 3	2422	-4.069	-3.241	-0.62	8.0	-8.6
Low 4	2427	-3.316	-2.751	-0.01	8.0	-8.0
Mid 6	2437	-3.268	-2.282	0.26	8.0	-7.7
High 10	2457	-7.460	-6.877	-4.15	8.0	-12.1
High 11	2462	-8.812	-8.231	-5.50	8.0	-13.5
High 12	2467	-11.123	-10.106	-7.57	8.0	-15.6
High 13	2472	-18.590	-18.315	-15.44	8.0	-23.4







8.6. CONDUCTED SPURIOUS EMISSIONS

LIMITS

FCC §15.247 (d)

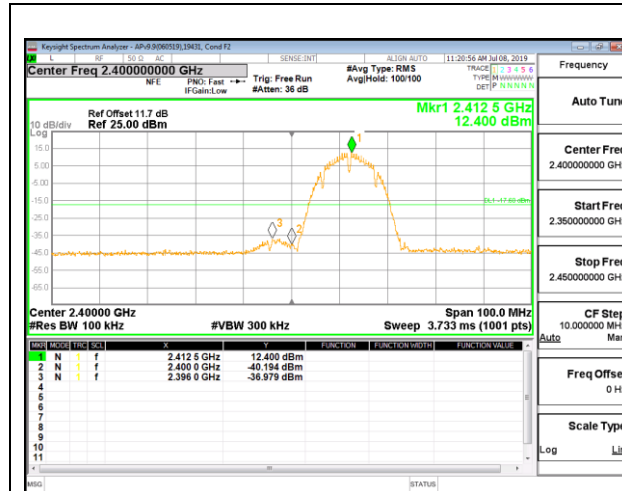
RSS-247 5.5

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

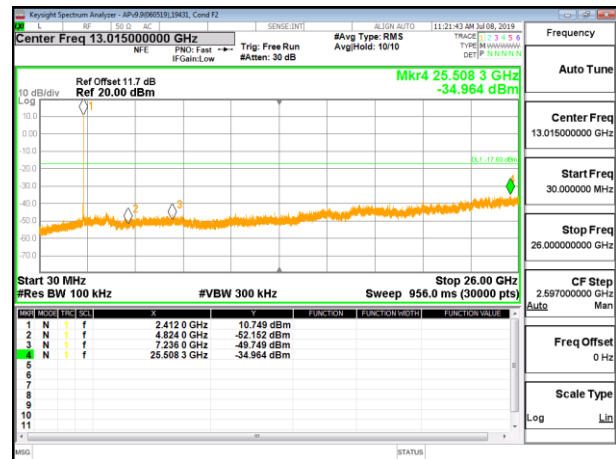
RESULTS

8.6.1. 802.11b MODE

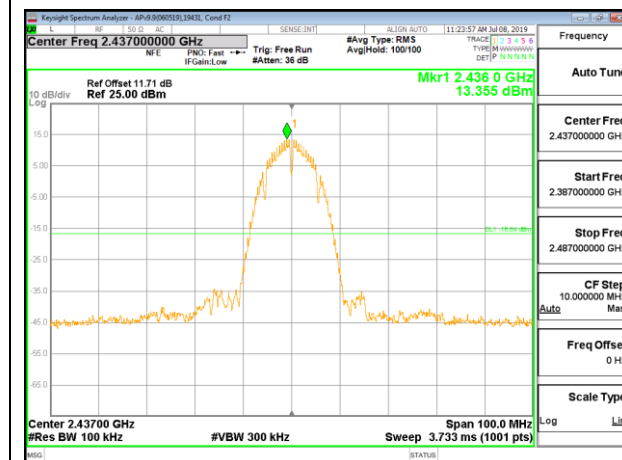
1TX Antenna 2 MODE



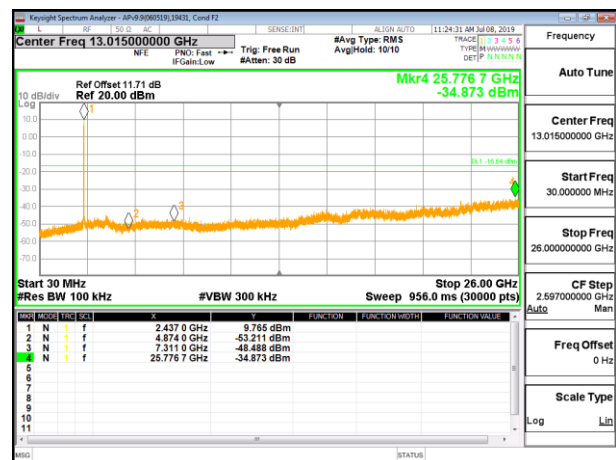
LOW CHANNEL 1 BANDEDGE



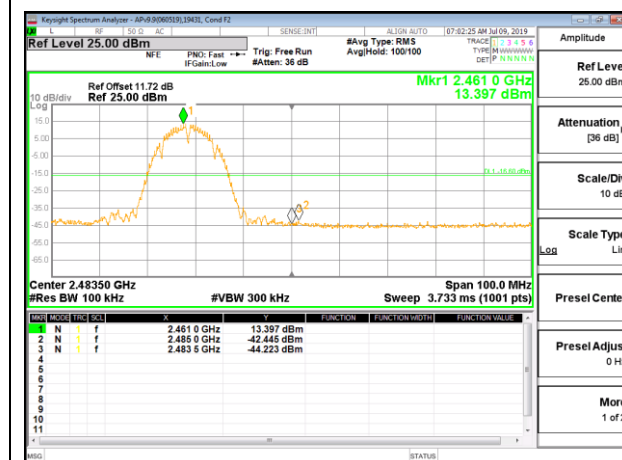
OUT-OF-BAND LOW CHANNEL 1



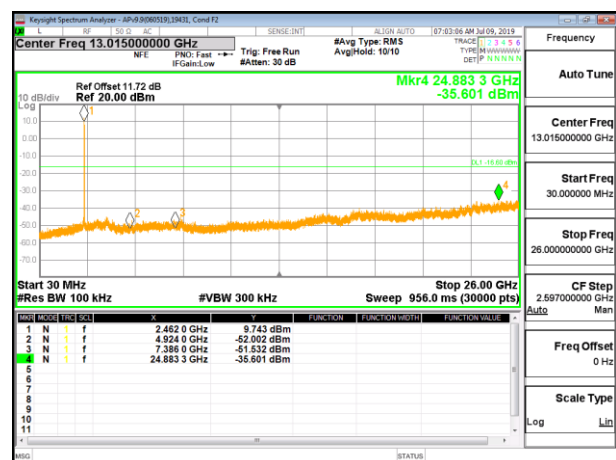
IN-BAND REFERENCE LEVEL



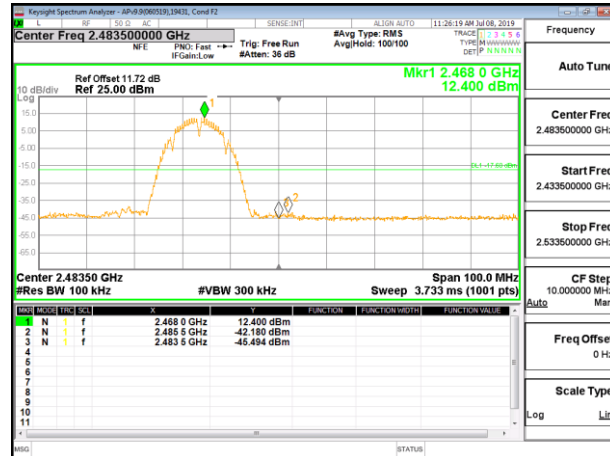
OUT-OF-BAND MID CHANNEL



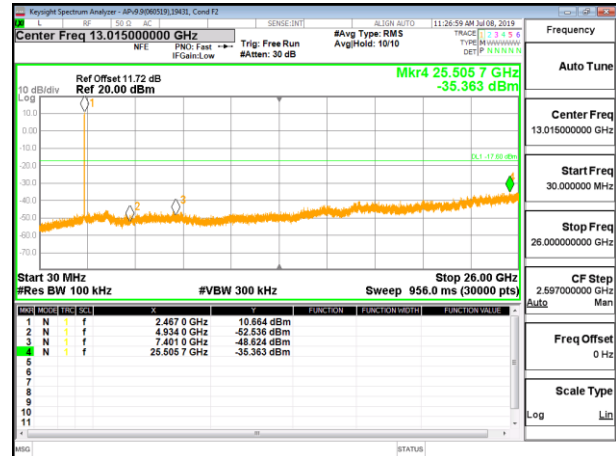
HIGH CHANNEL 11 BANDEDGE



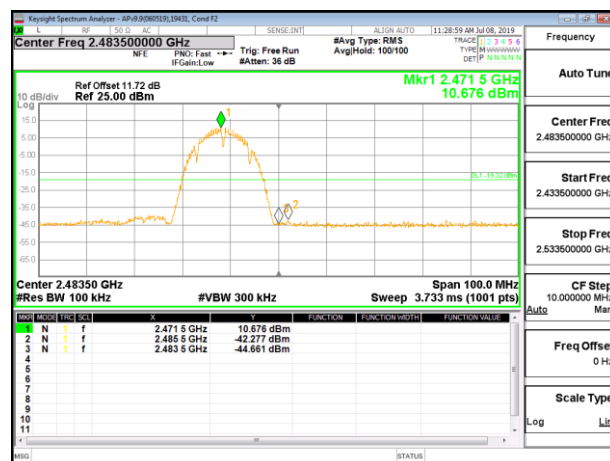
OUT-OF-BAND HIGH CHANNEL 11



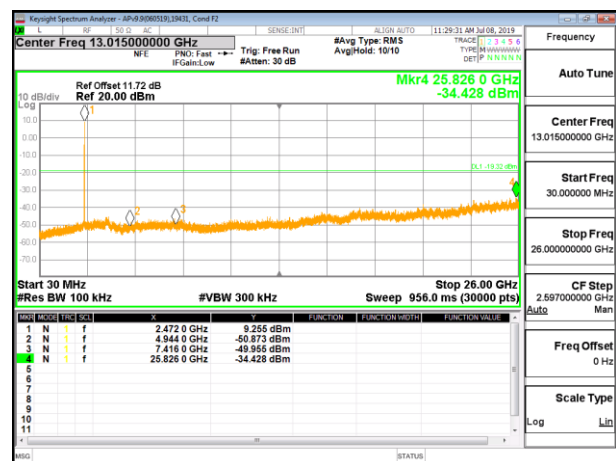
HIGH CHANNEL 12 BANDEDGE



OUT-OF-BAND HIGH CHANNEL 12



HIGH CHANNEL 13 BANDEDGE



OUT-OF-BAND HIGH CHANNEL 13