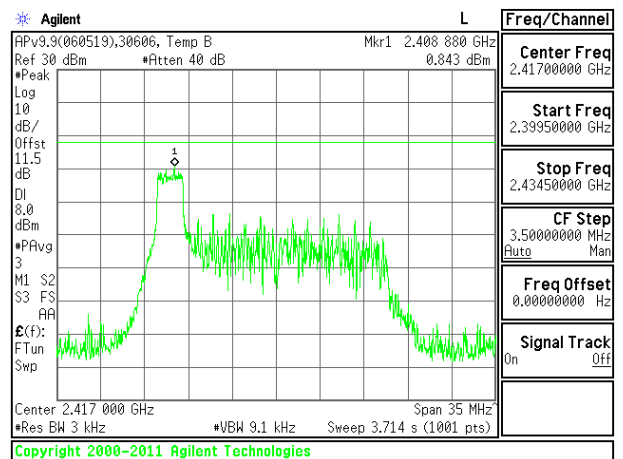
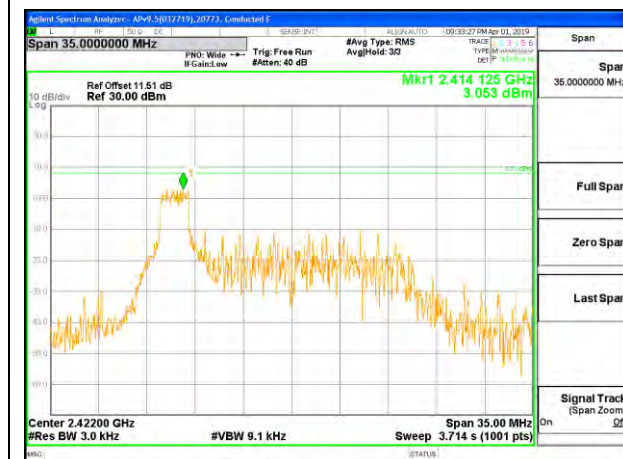


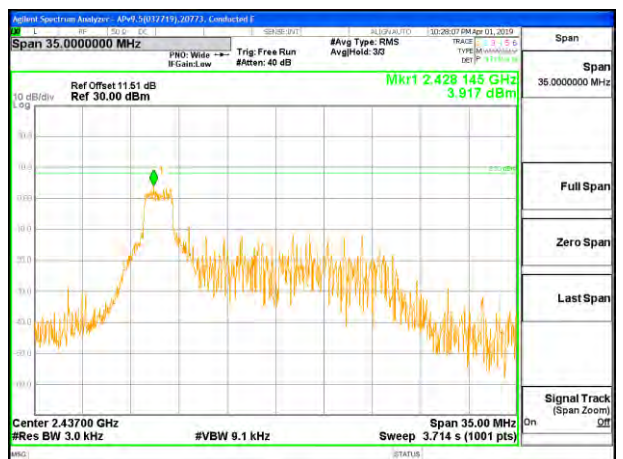
LOW CHANNEL 1



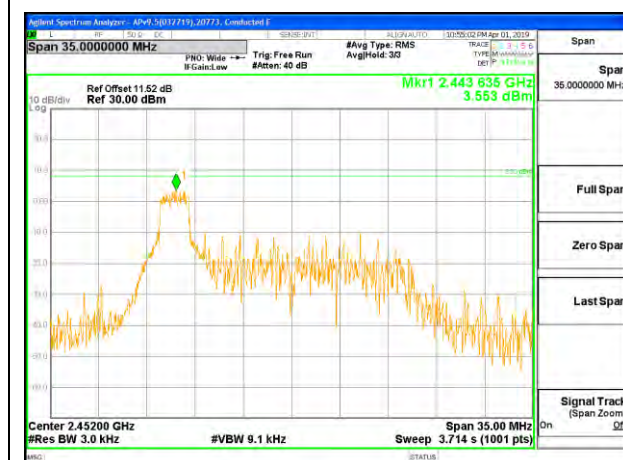
LOW CHANNEL 2



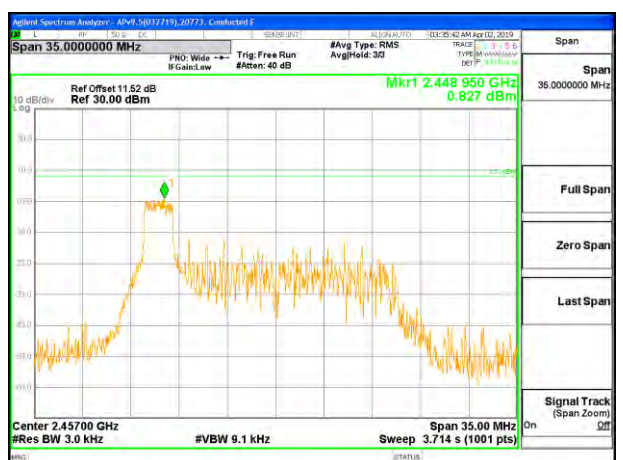
LOW CHANNEL 3



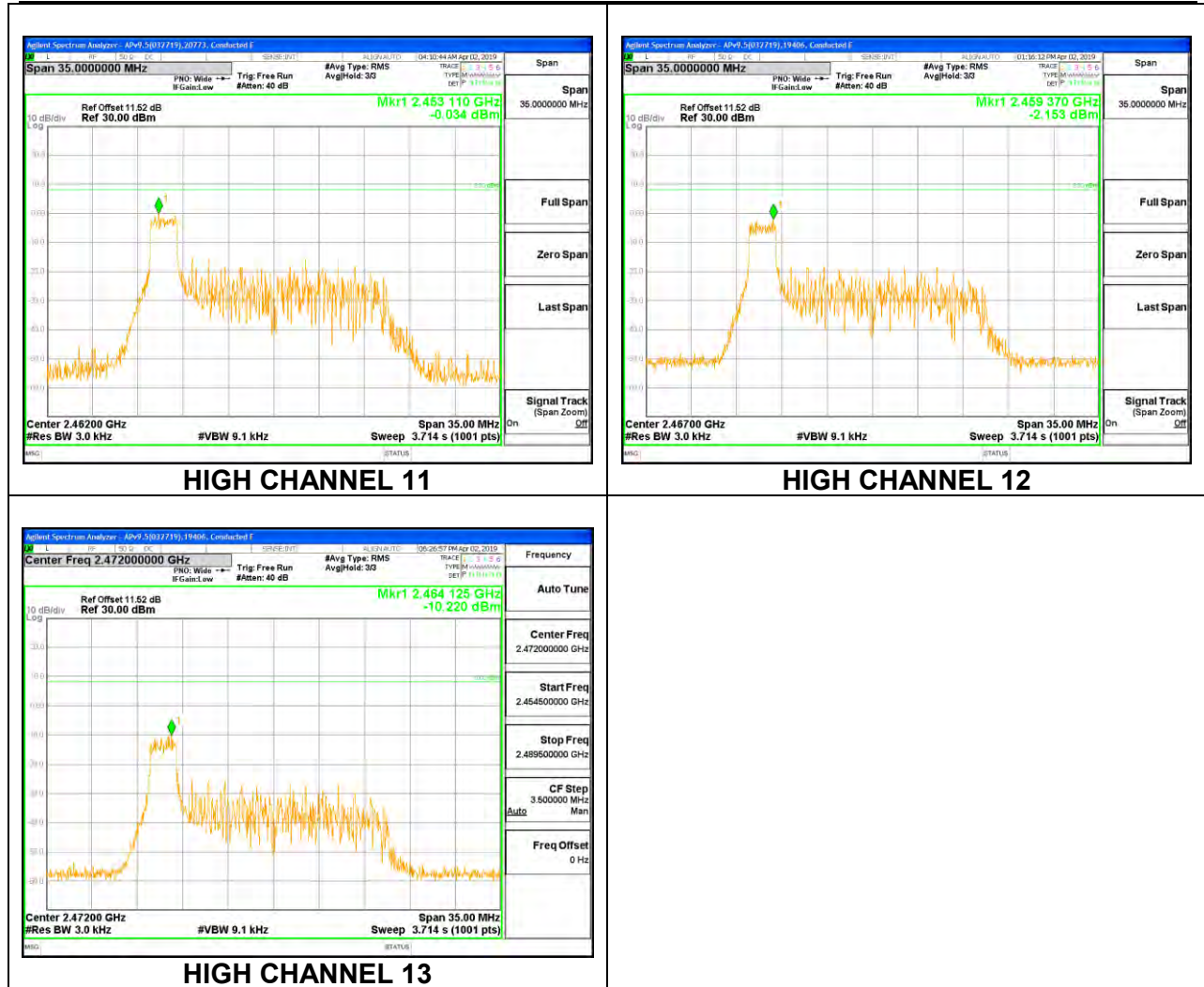
MID CHANNEL 6



HIGH CHANNEL 9



HIGH CHANNEL 10

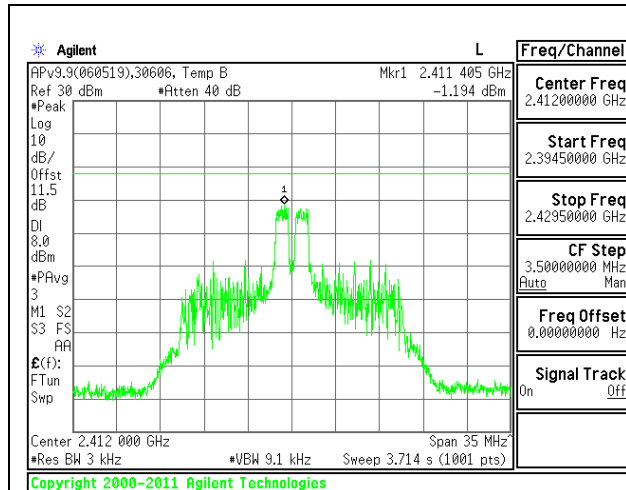


1TX Antenna 5 MODE, 26-Tone RU Index 4

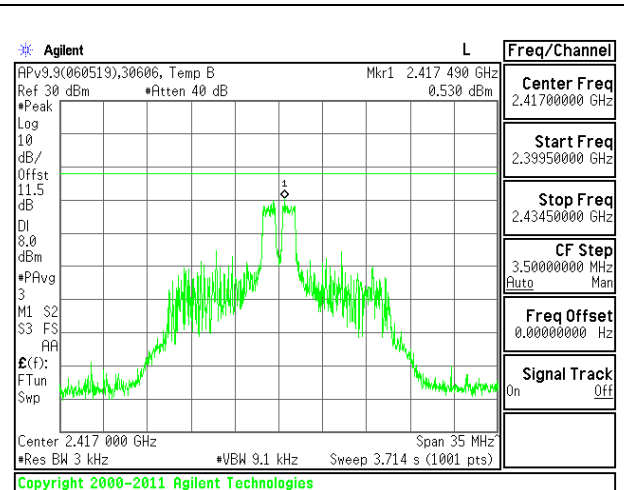
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

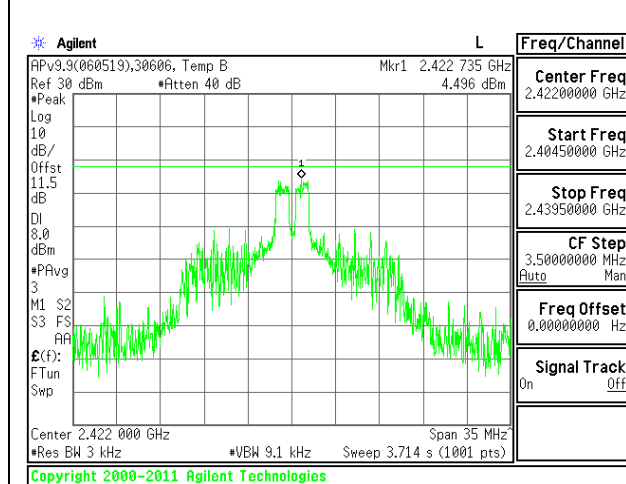
Channel	Frequency (MHz)	Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-1.194	-1.19	8.0	-9.2
Low 2	2417	0.530	0.53	8.0	-7.5
Low 3	2422	4.496	4.50	8.0	-3.5
Mid 6	2437	4.467	4.47	8.0	-3.5
High 9	2452	4.643	4.64	8.0	-3.4
High 10	2457	0.522	0.52	8.0	-7.5
High 11	2462	-1.513	-1.51	8.0	-9.5
High 12	2467	-3.515	-3.52	8.0	-11.5
High 13	2472	-18.581	-18.58	8.0	-26.6



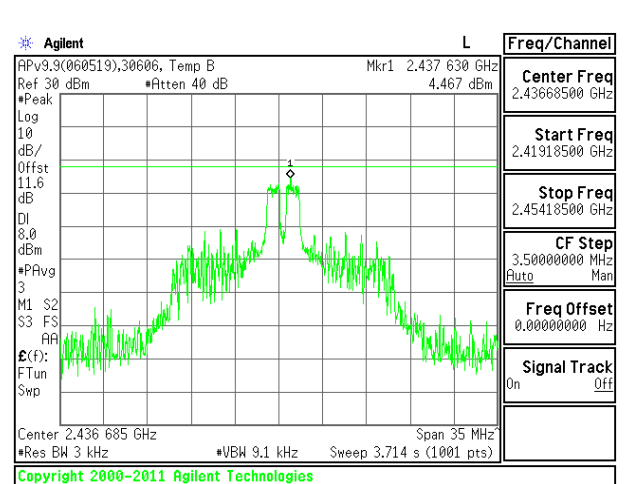
LOW CHANNEL 1



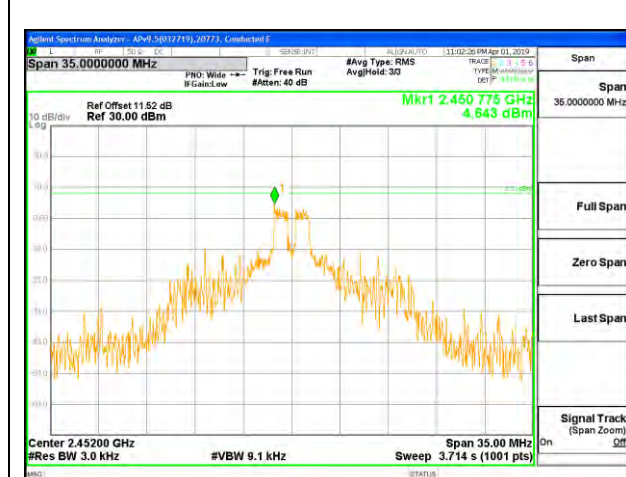
LOW CHANNEL 2



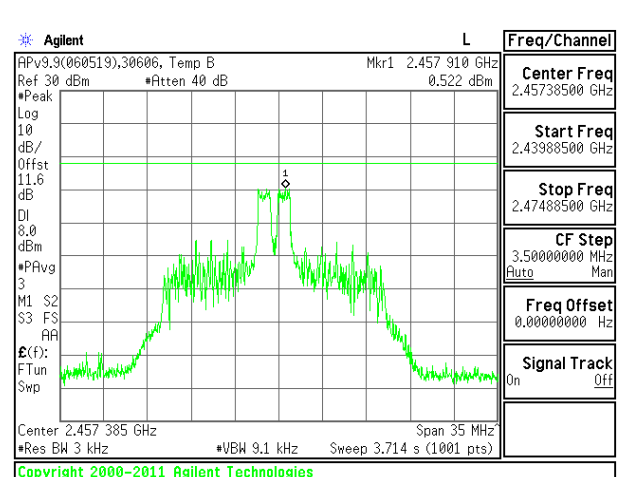
LOW CHANNEL 3



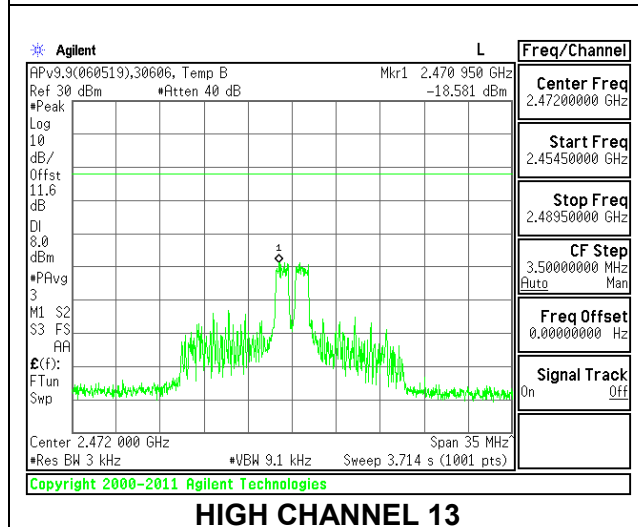
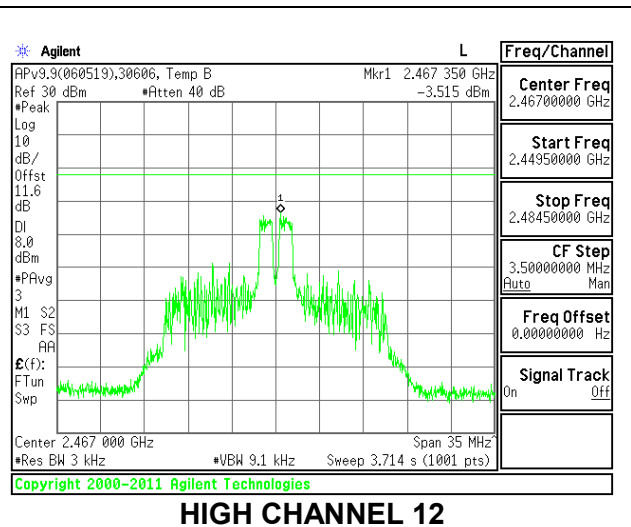
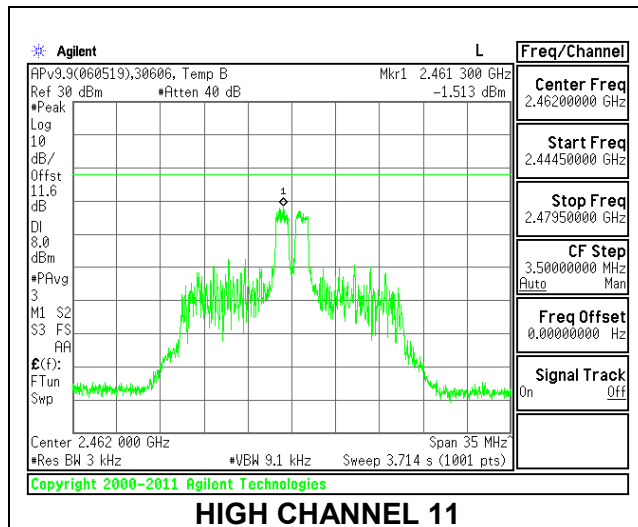
MID CHANNEL 6



HIGH CHANNEL 9



HIGH CHANNEL 10

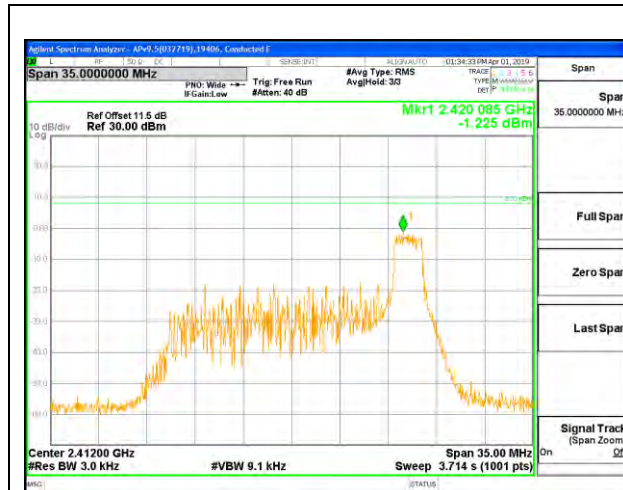


1TX Antenna 5 MODE, 26-Tone RU Index 8

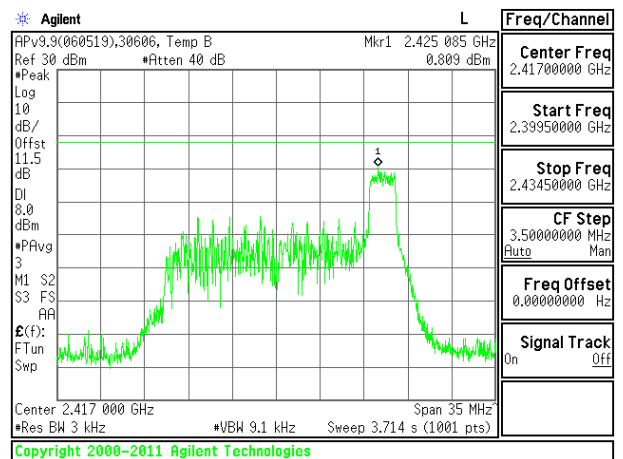
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

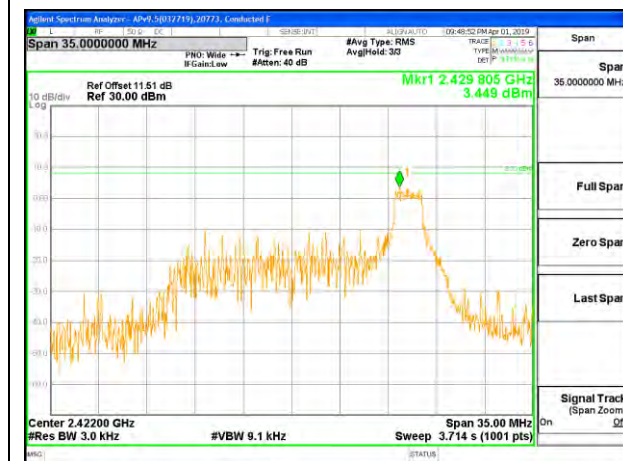
Channel	Frequency (MHz)	Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-1.225	-1.23	8.0	-9.2
Low 2	2417	0.809	0.81	8.0	-7.2
Low 3	2422	3.449	3.45	8.0	-4.6
Mid 6	2437	3.471	3.47	8.0	-4.5
High 9	2452	4.471	4.47	8.0	-3.5
High 10	2457	2.278	2.28	8.0	-5.7
High 11	2462	1.366	1.37	8.0	-6.6
High 12	2467	-3.014	-3.01	8.0	-11.0
High 13	2472	-11.448	-11.45	8.0	-19.4



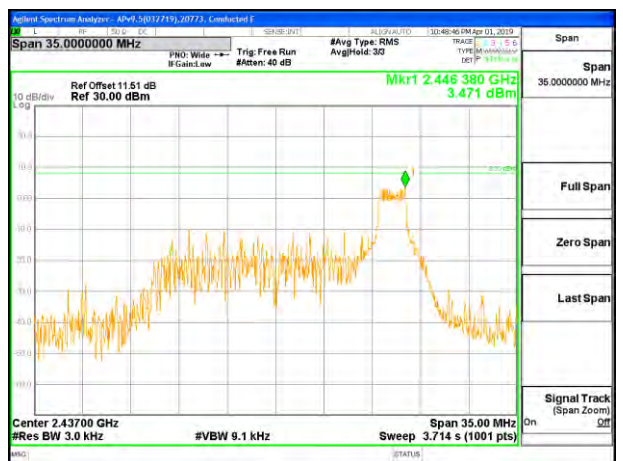
LOW CHANNEL 1



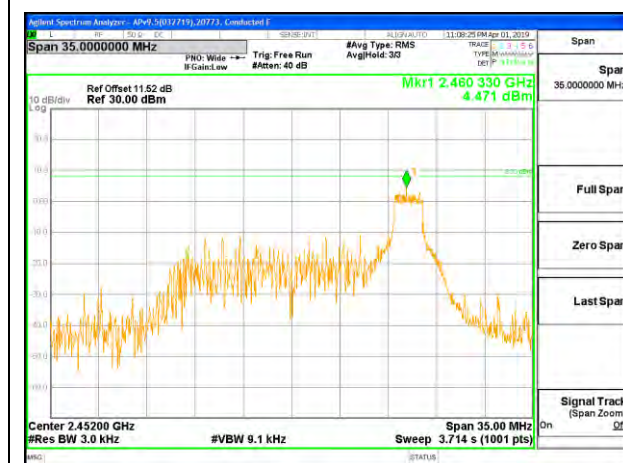
LOW CHANNEL 2



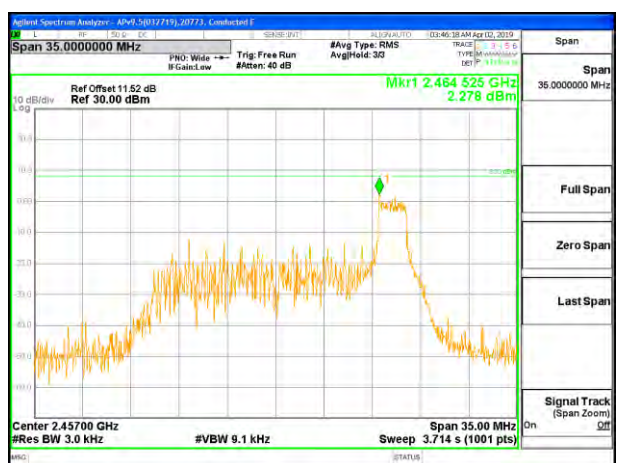
LOW CHANNEL 3



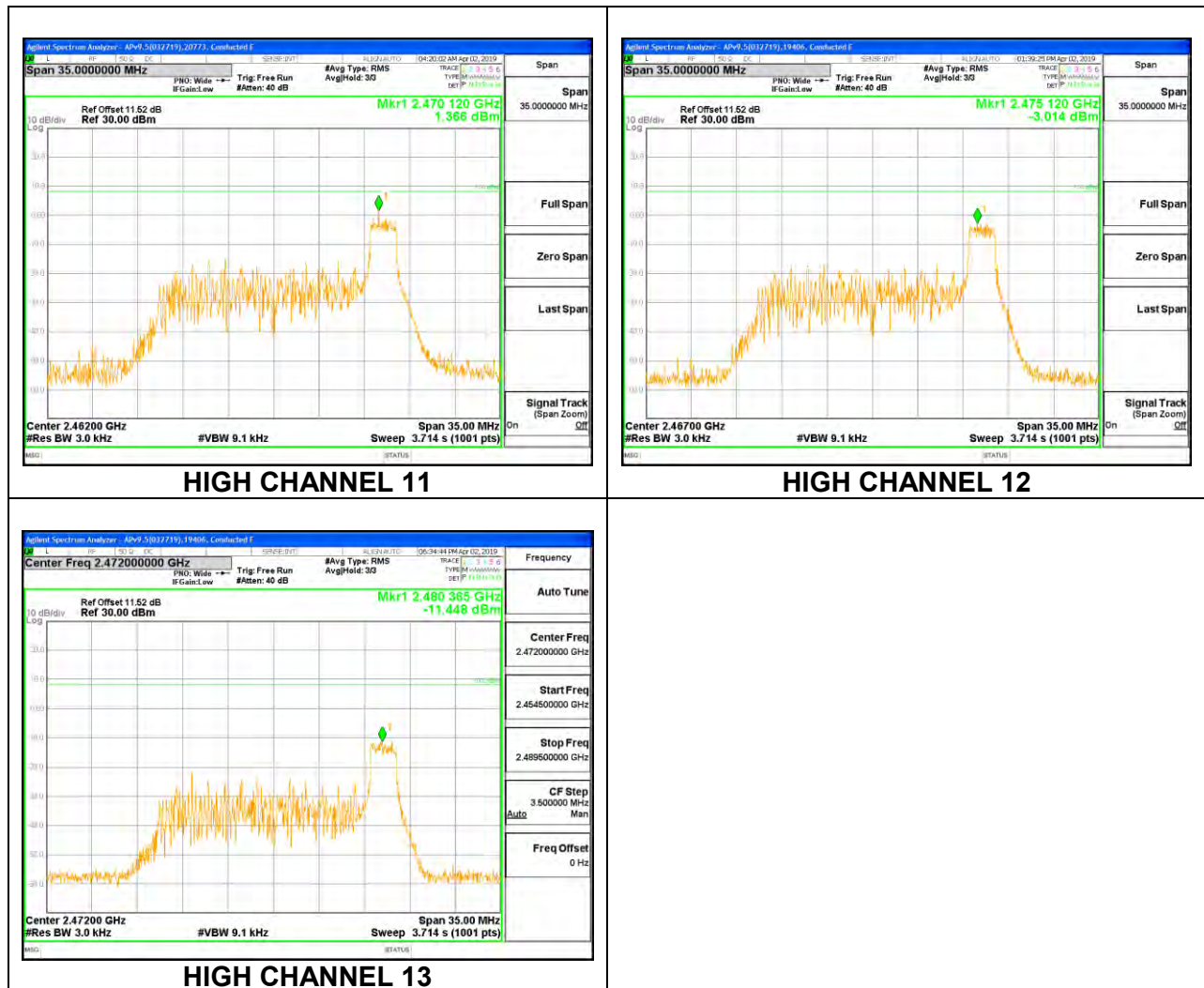
MID CHANNEL 6



HIGH CHANNEL 9



HIGH CHANNEL 10

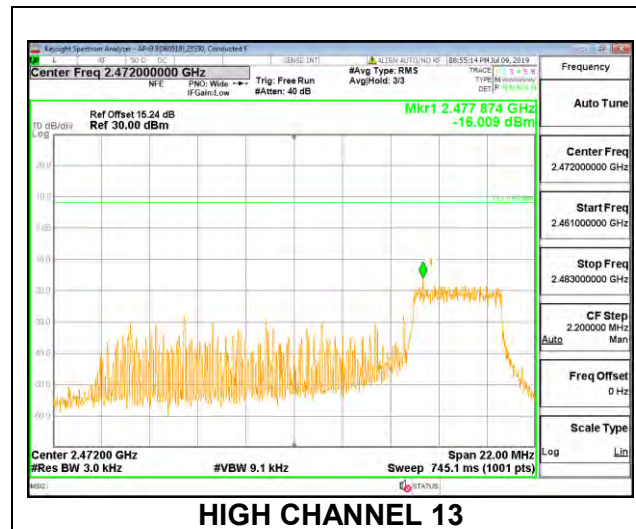


1TX Antenna 5 MODE, 52-Tone RU Index 40

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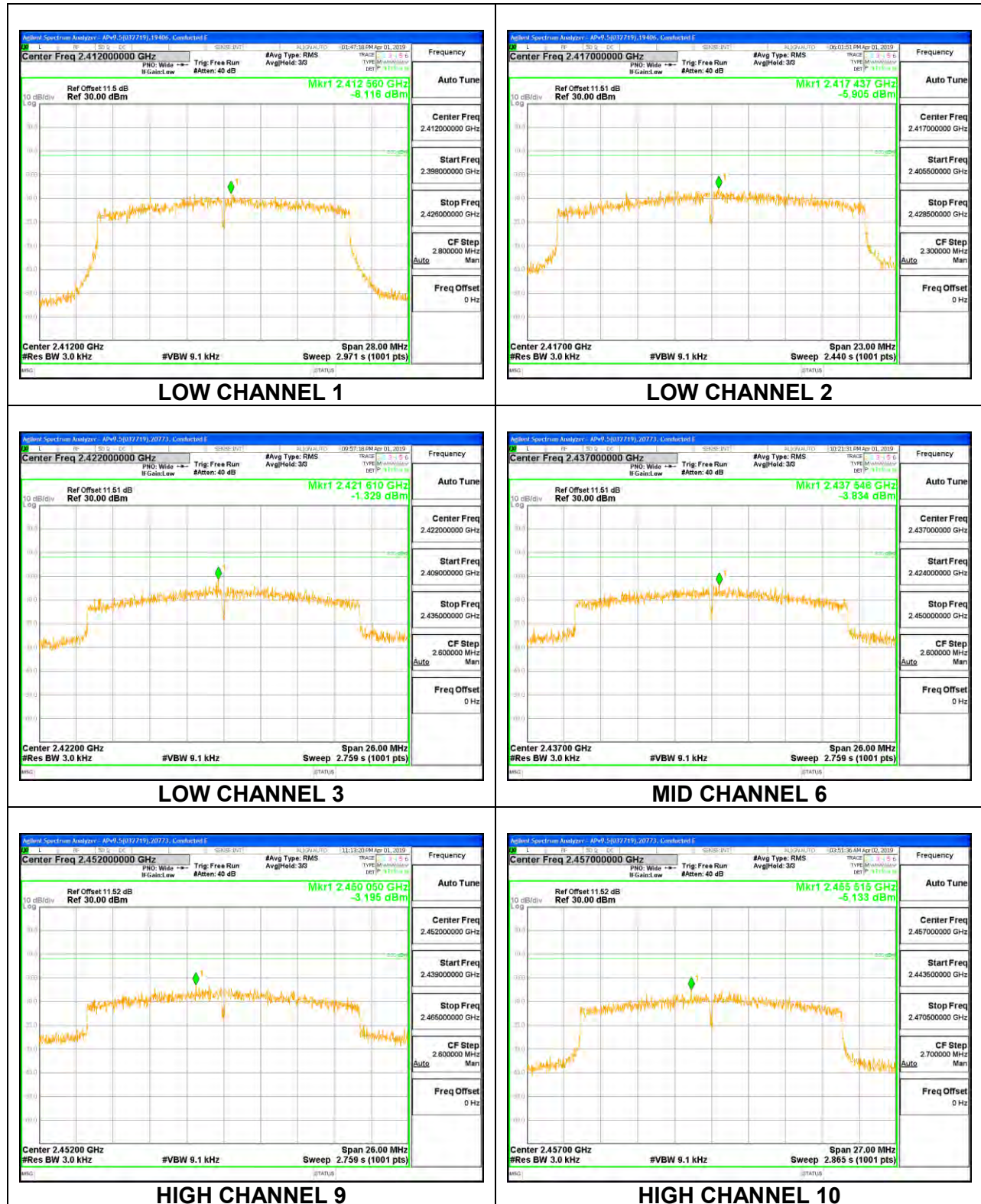
PSD Results

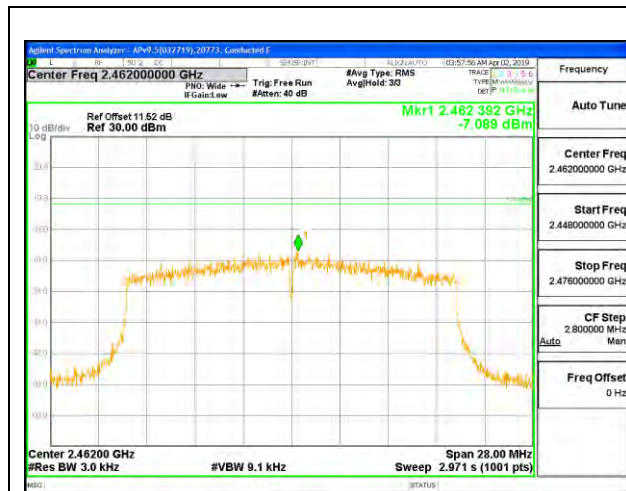
Channel	Frequency (MHz)	Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
High 13	2472	-16.009	-16.01	8.0	-24.0



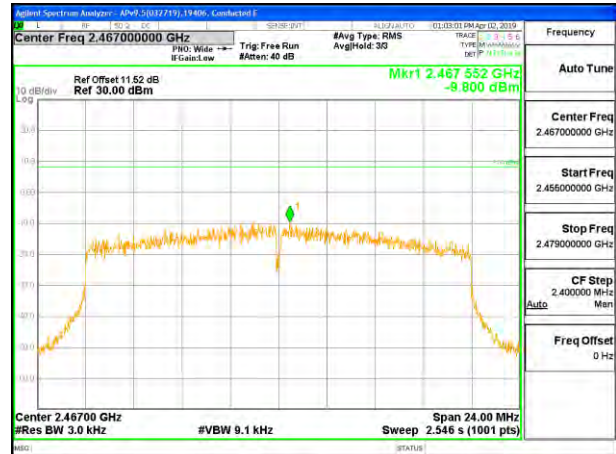
1TX Antenna 5 MODE, 242-Tone RU Index 61

Duty Cycle CF (dB)		0.00	Included in Calculations of Corr'd PSD		
PSD Results					
Channel	Frequency (MHz)	Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-8.116	-8.12	8.0	-16.1
Low 2	2417	-5.905	-5.91	8.0	-13.9
Low 3	2422	-1.329	-1.33	8.0	-9.3
Mid 6	2437	-3.834	-3.83	8.0	-11.8
High 9	2452	-3.195	-3.20	8.0	-11.2
High 10	2457	-5.133	-5.13	8.0	-13.1
High 11	2462	-7.089	-7.09	8.0	-15.1
High 12	2467	-9.800	-9.80	8.0	-17.8
High 13	2472	-17.567	-17.57	8.0	-25.6





HIGH CHANNEL 11



HIGH CHANNEL 12



HIGH CHANNEL 13

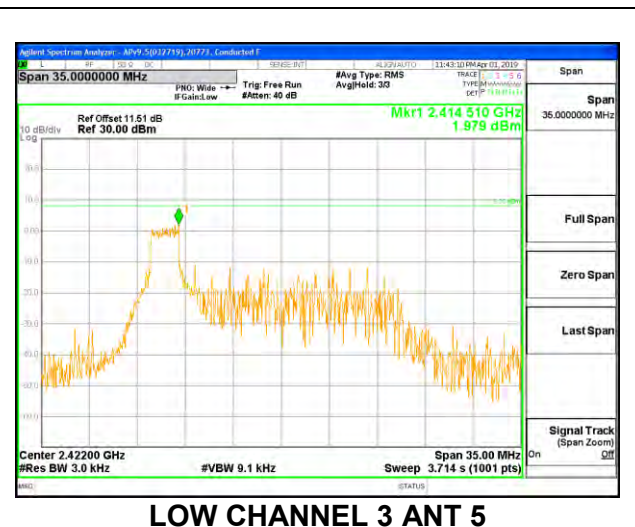
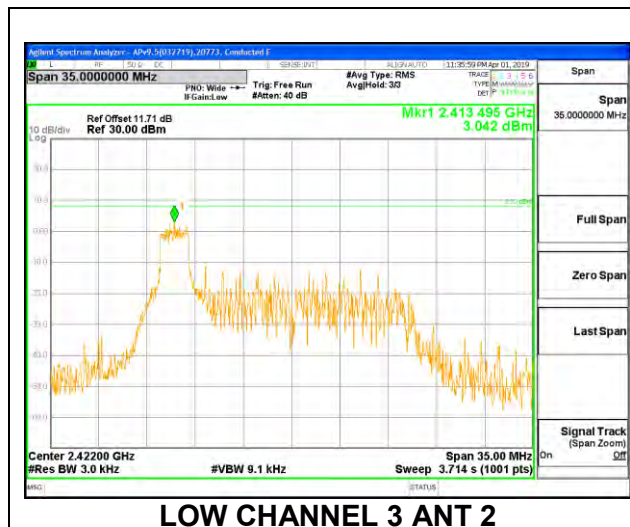
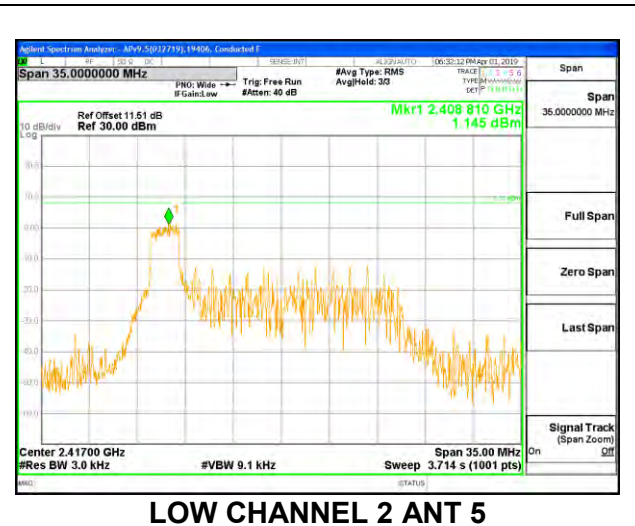
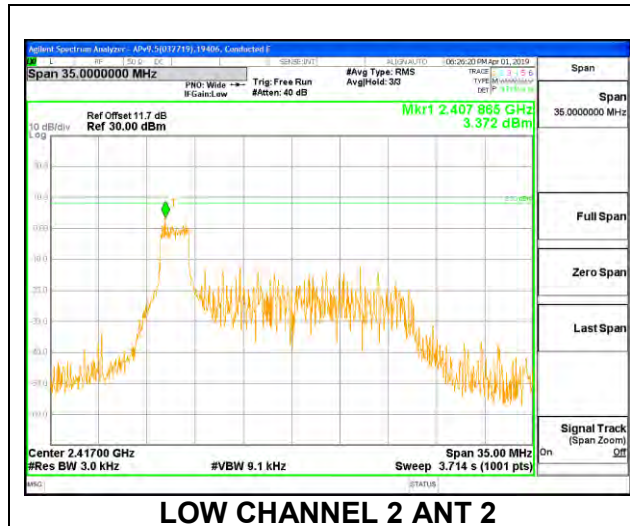
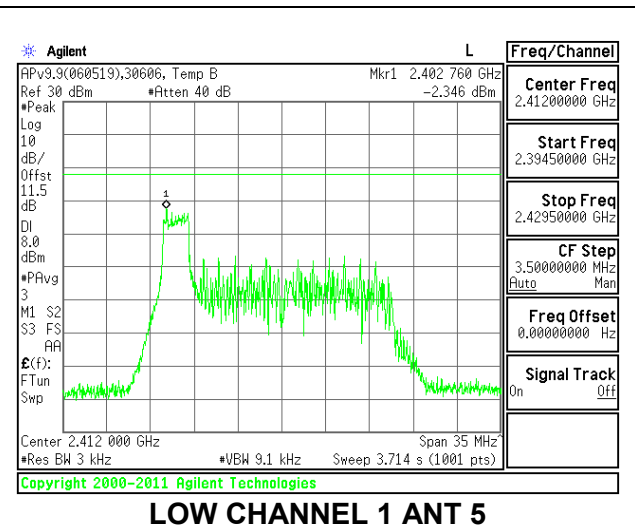
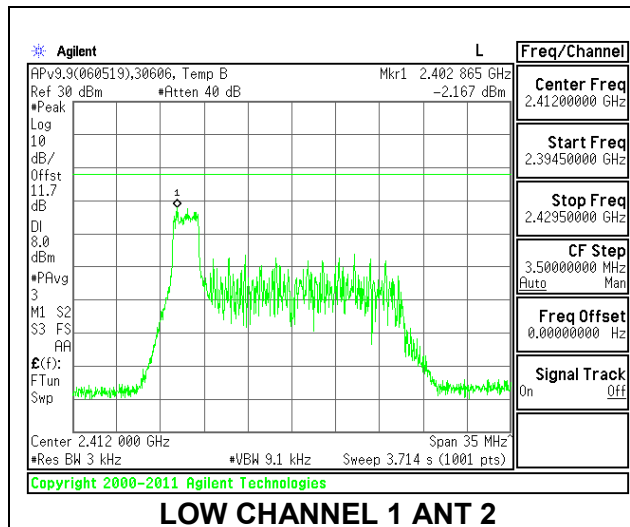
8.5.5. 802.11ax HE20 OFDMA MODE 2TX

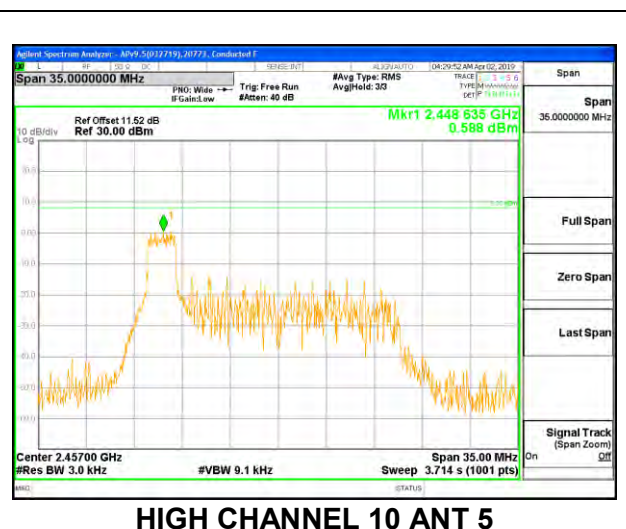
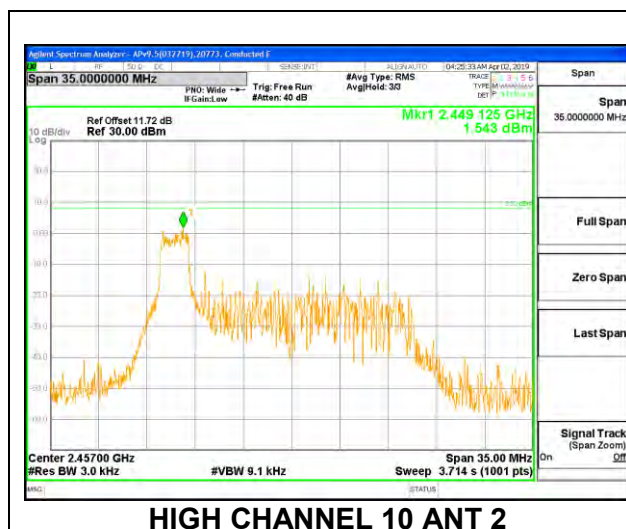
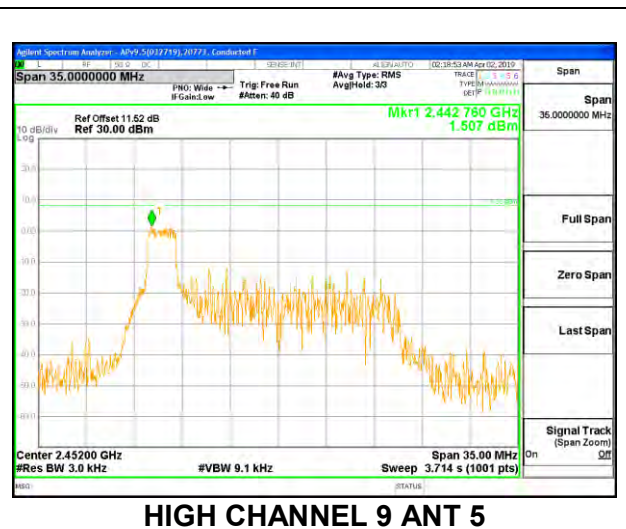
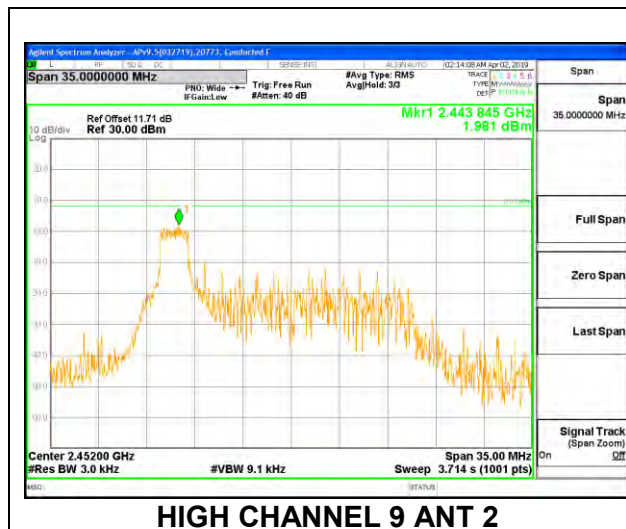
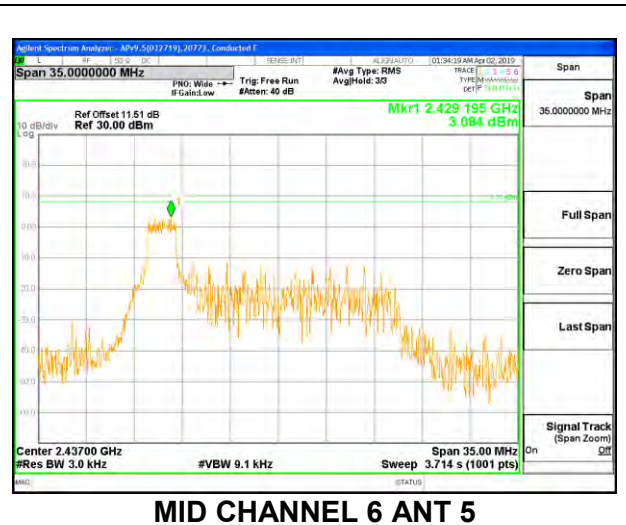
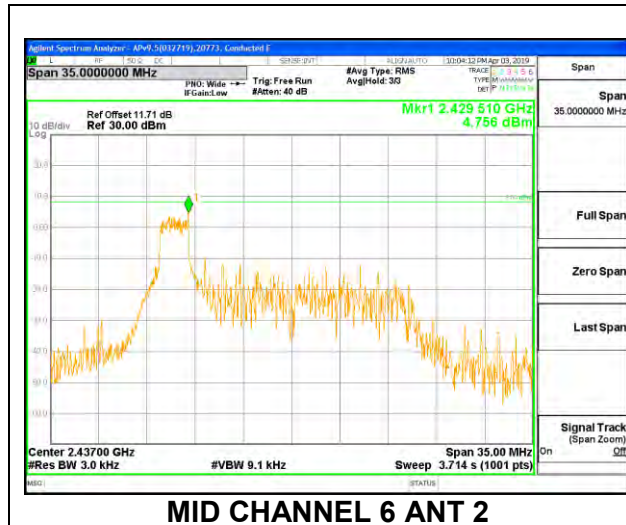
Antenna 2 + Antenna 5 2TX MODE: 26-Tones, RU Index 0

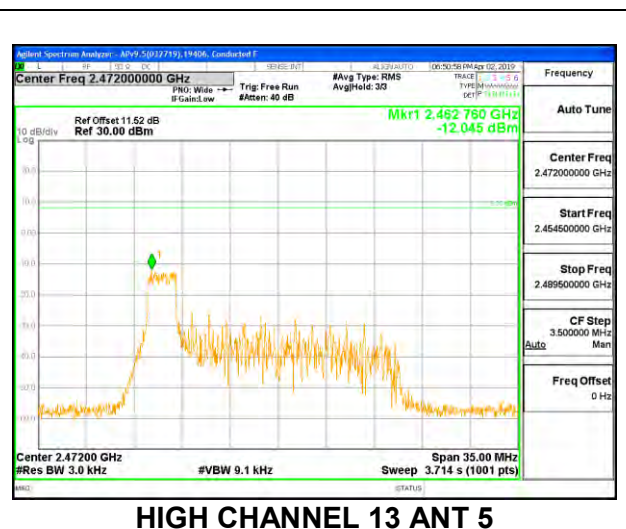
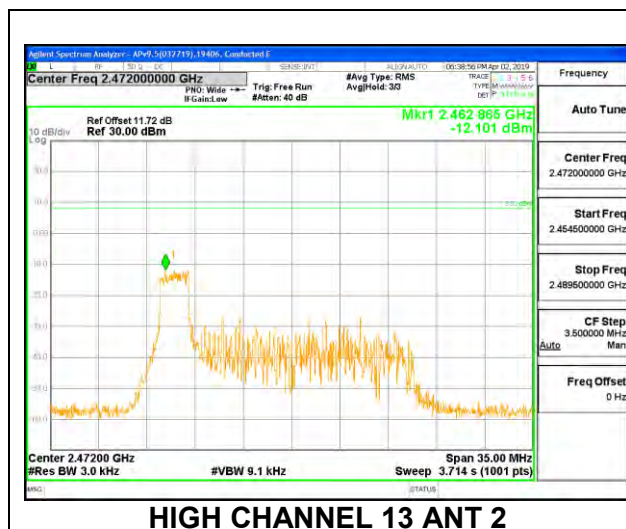
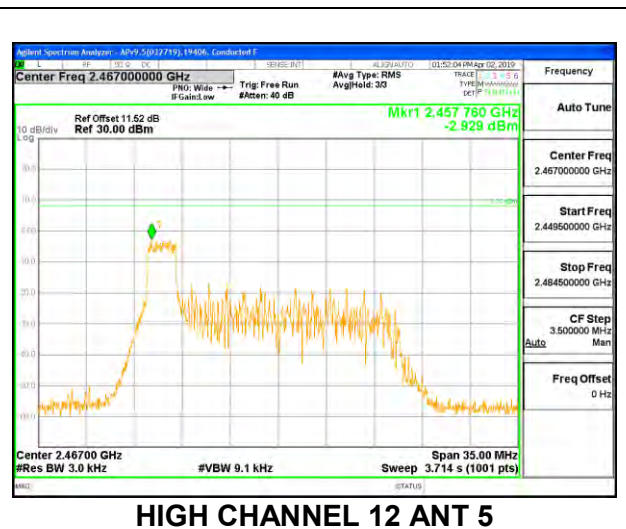
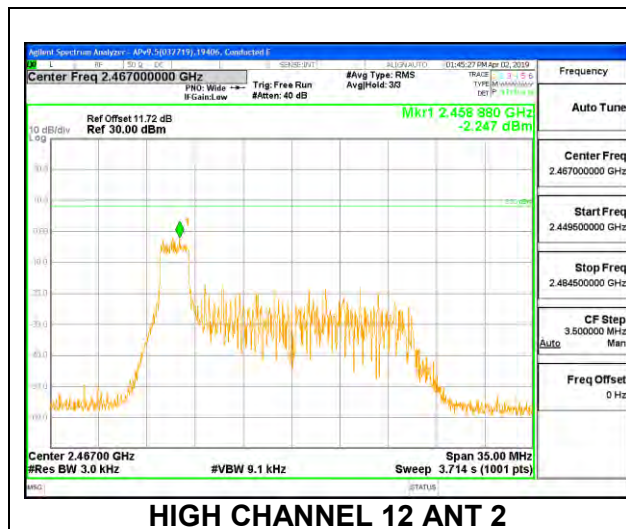
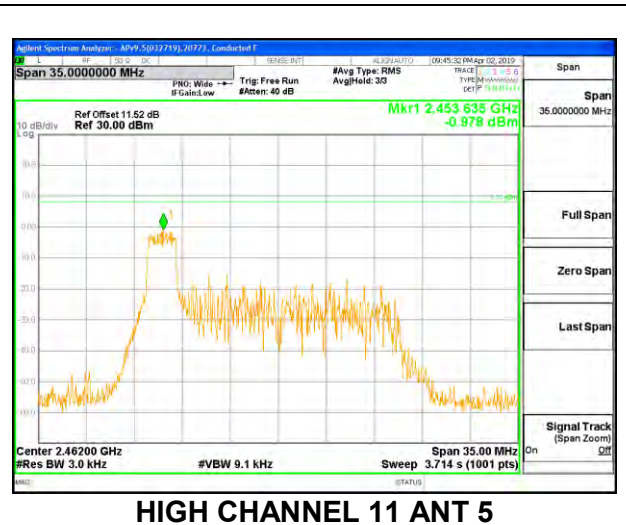
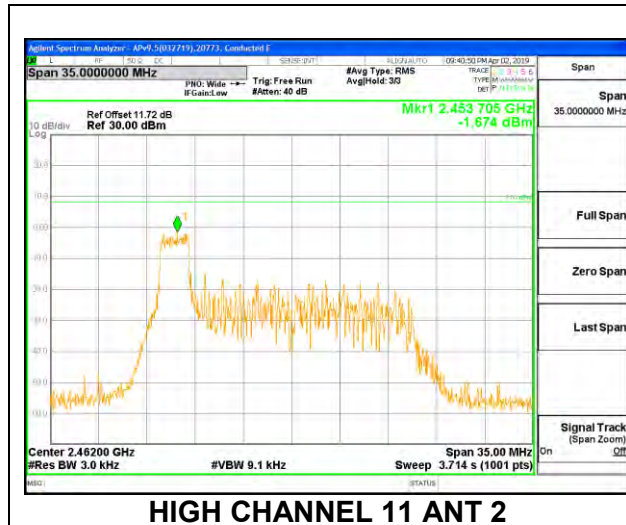
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

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	-2.167	-2.346	0.75	8.0	-7.2
Low 2	2417	3.372	1.145	5.41	8.0	-2.6
Low 3	2422	3.042	1.979	5.55	8.0	-2.4
Mid 6	2437	4.756	3.084	7.01	8.0	-1.0
High 9	2452	1.981	1.507	4.76	8.0	-3.2
High 10	2457	1.543	0.588	4.10	8.0	-3.9
High 11	2462	-1.674	-0.978	1.70	8.0	-6.3
High 12	2467	-2.247	-2.929	0.44	8.0	-7.6
High 13	2472	-12.101	-12.045	-9.06	8.0	-17.1





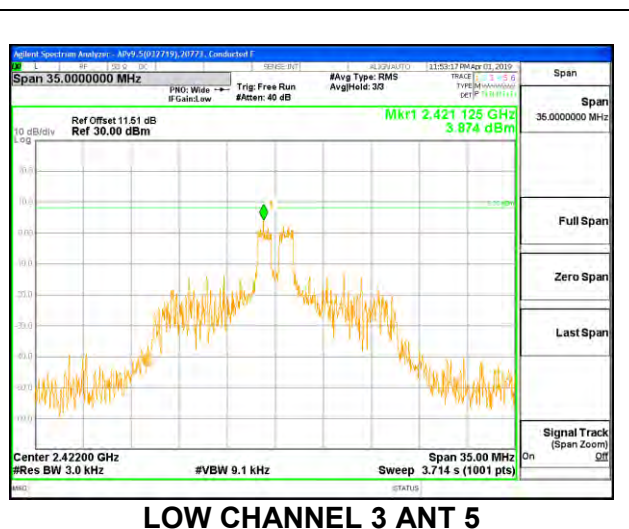
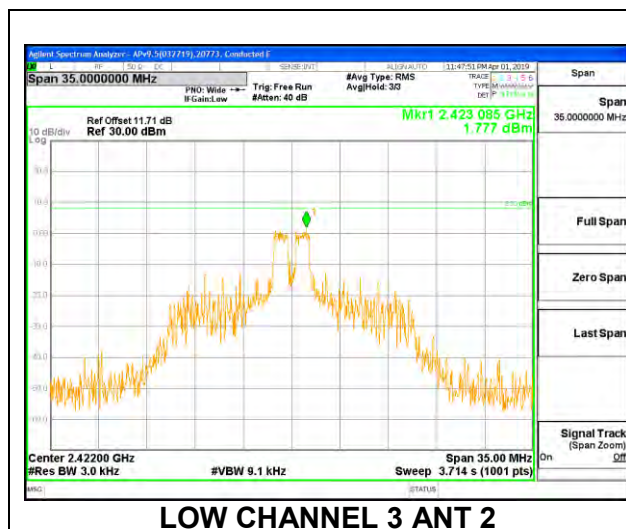
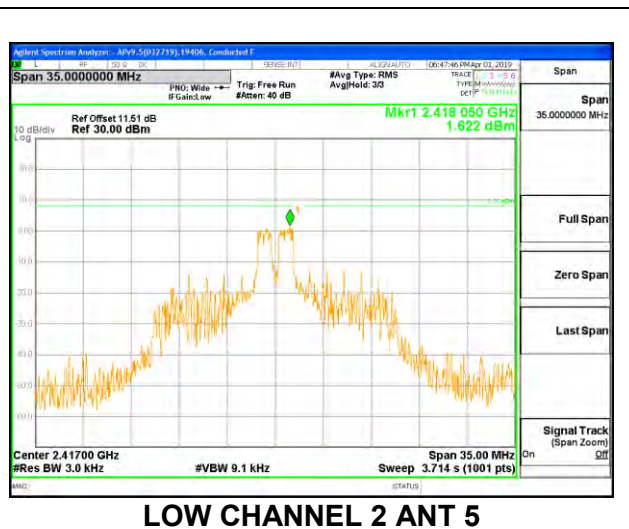
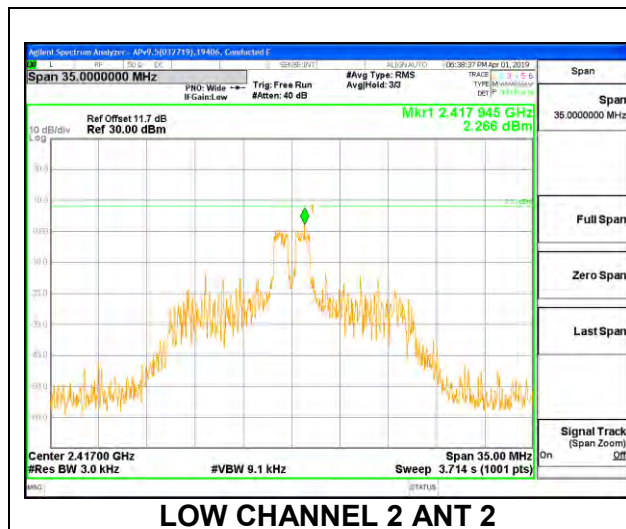
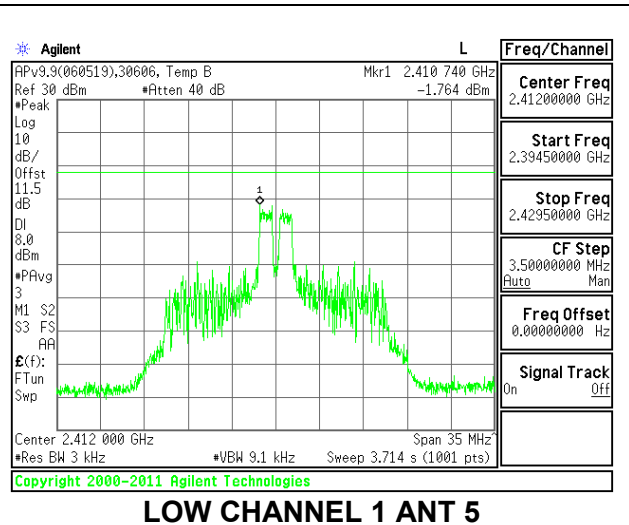
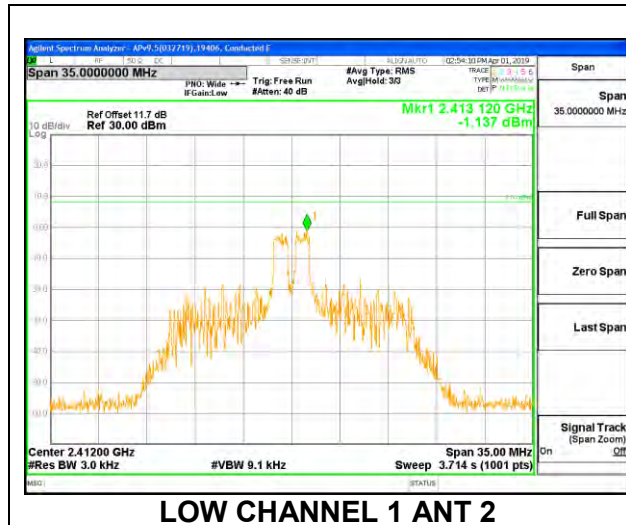


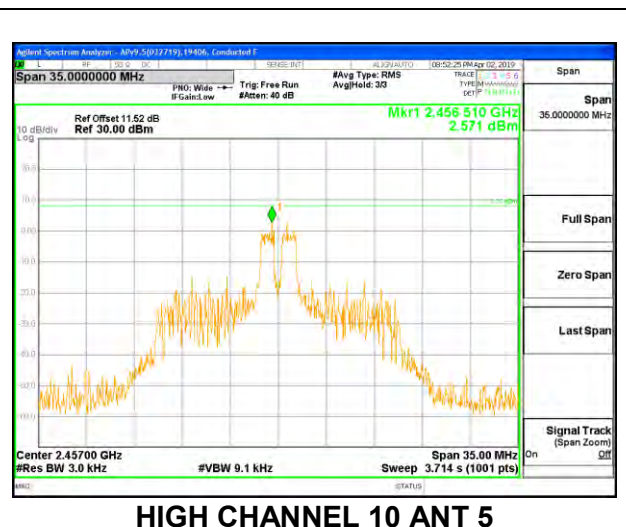
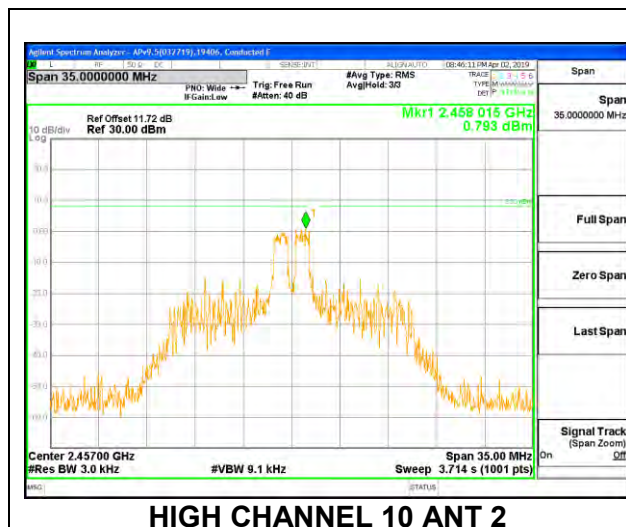
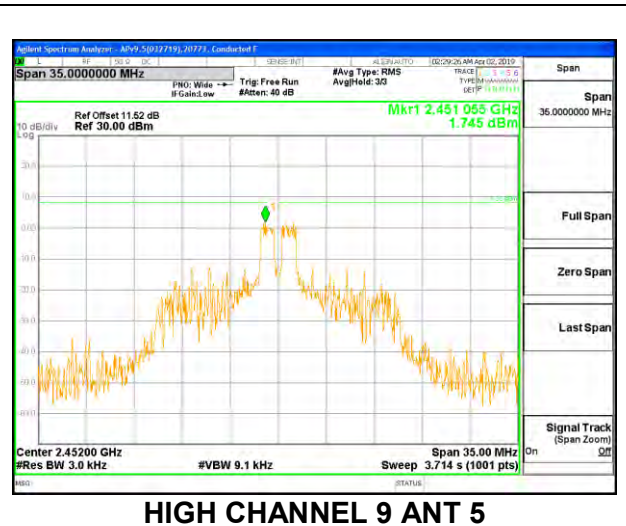
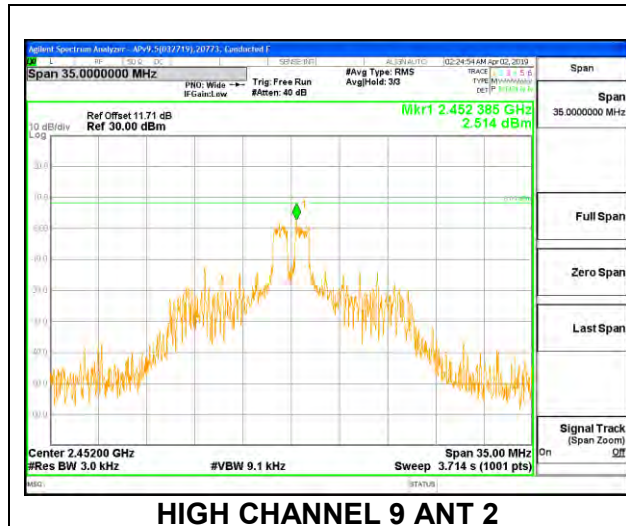
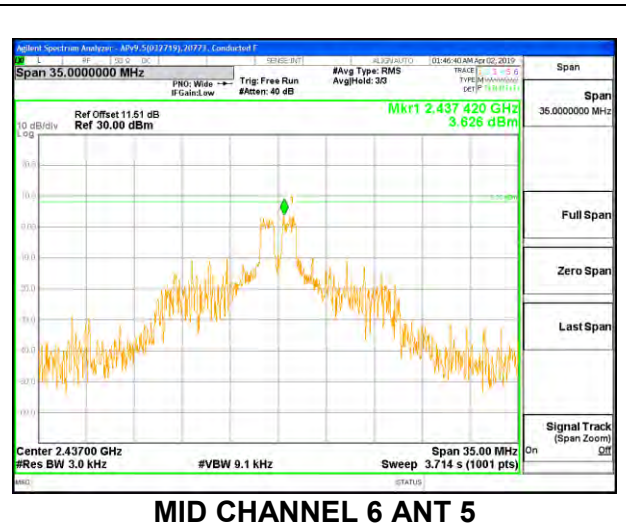
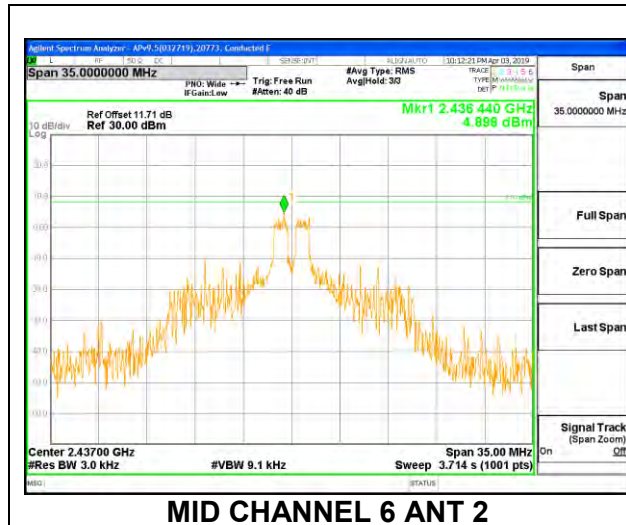
Antenna 2 + Antenna 5 2TX MODE: 26-Tones, RU Index 4

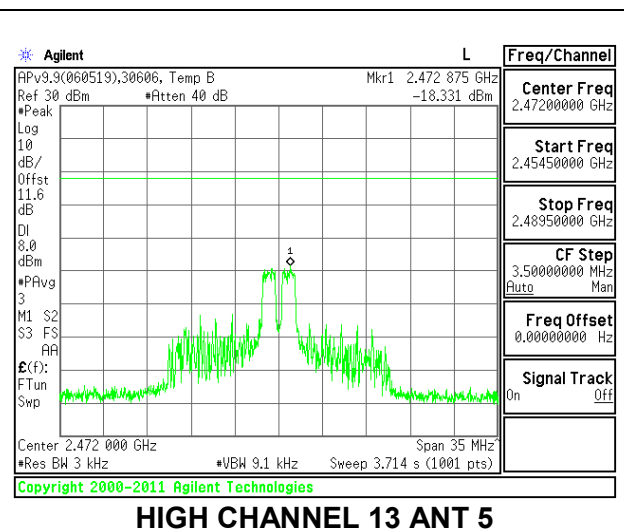
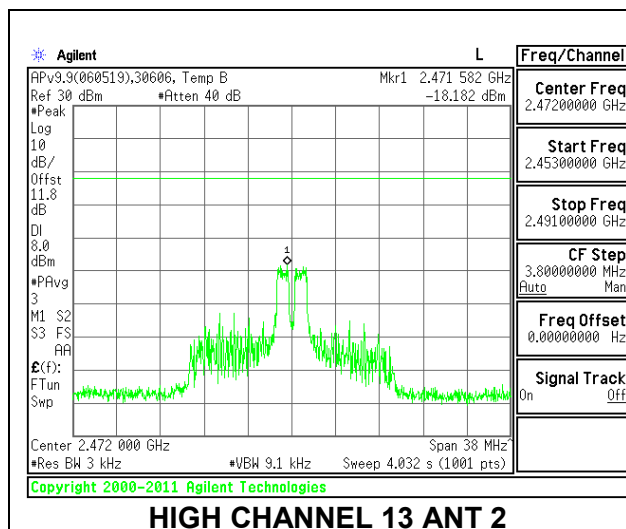
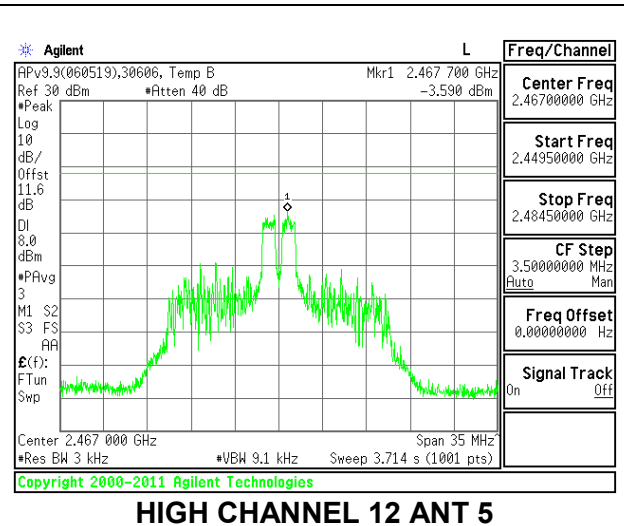
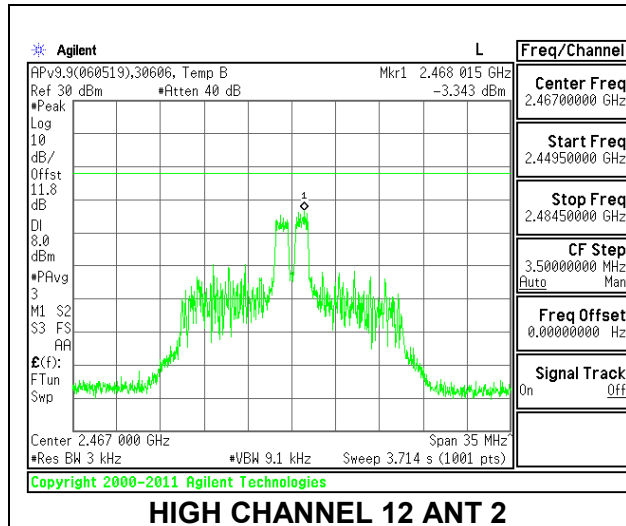
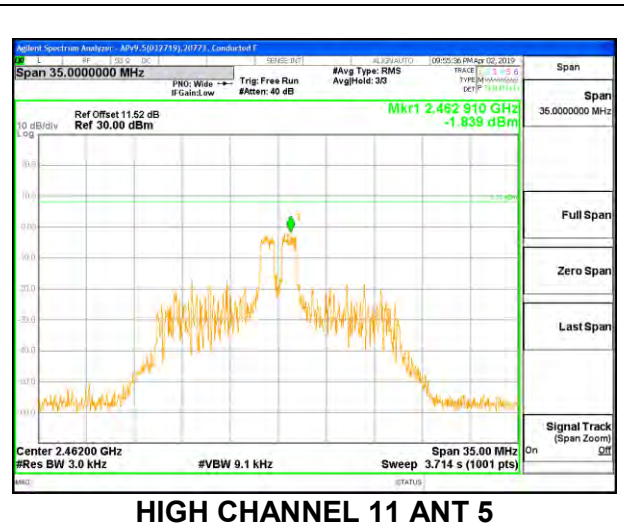
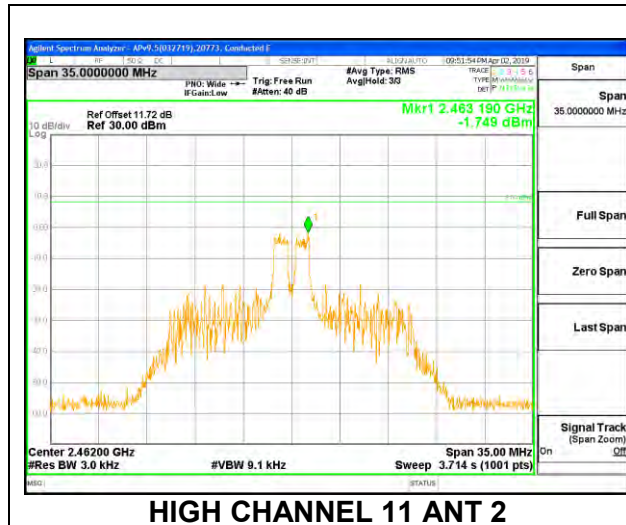
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

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	-1.137	-1.764	1.57	8.0	-6.4
Low 2	2417	2.266	1.622	4.97	8.0	-3.0
Low 3	2422	1.777	3.874	5.96	8.0	-2.0
Mid 6	2437	4.898	3.626	7.32	8.0	-0.7
High 9	2452	2.514	1.745	5.16	8.0	-2.8
High 10	2457	0.793	2.571	4.78	8.0	-3.2
High 11	2462	-1.749	-1.839	1.22	8.0	-6.8
High 12	2467	-3.343	-3.590	-0.45	8.0	-8.5
High 13	2472	-18.182	-18.331	-15.25	8.0	-23.2





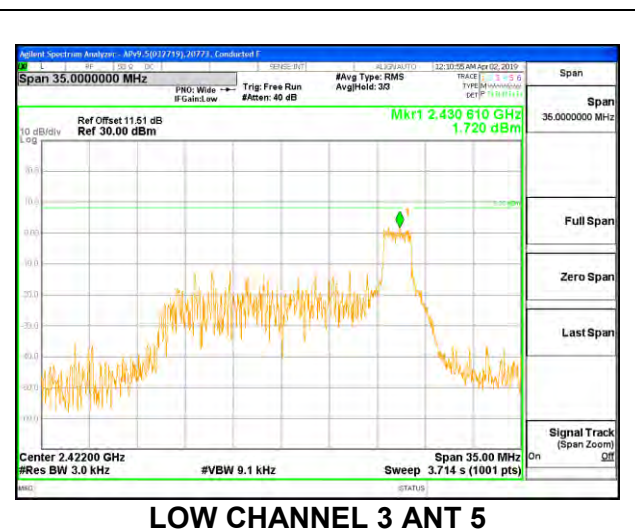
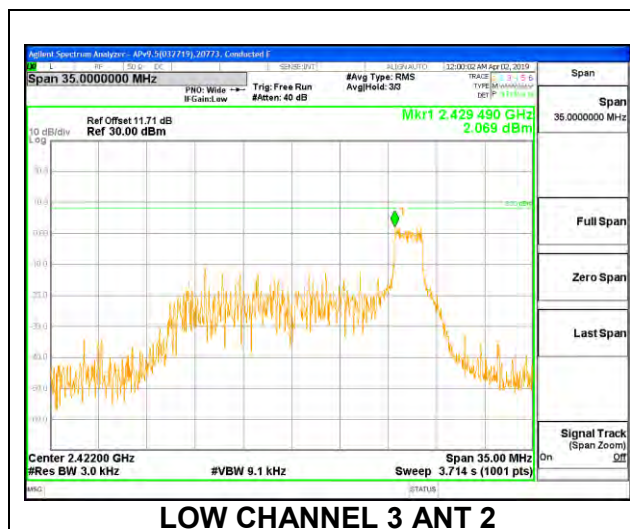
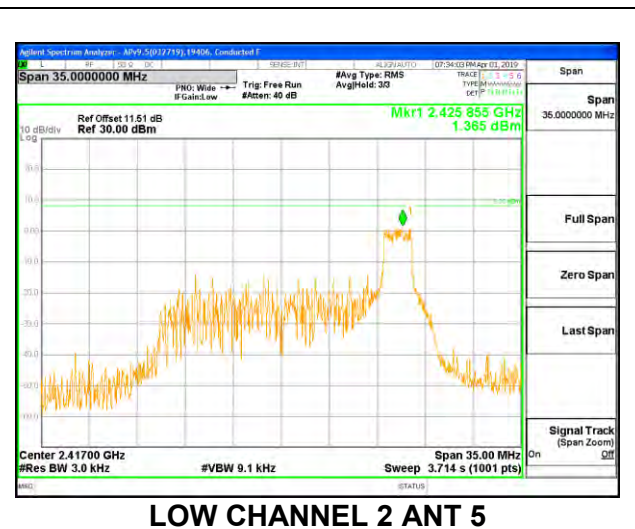
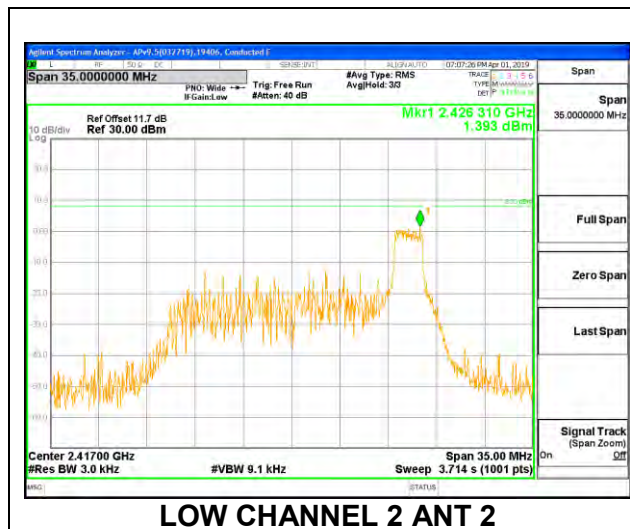
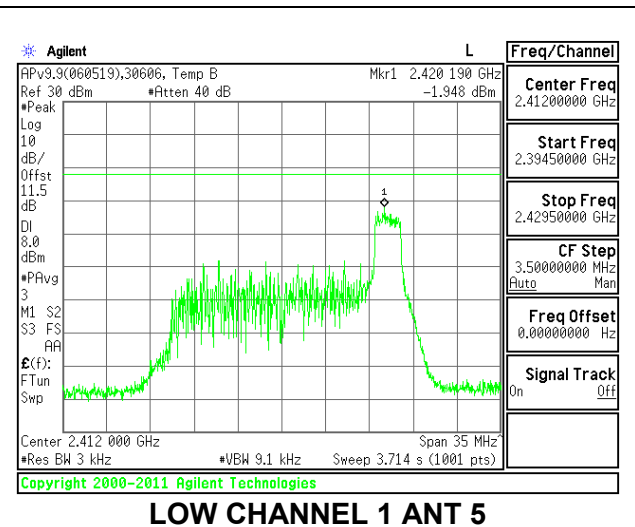
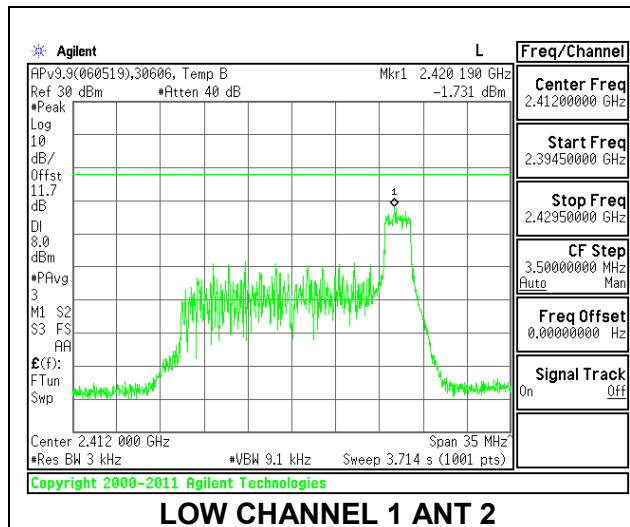


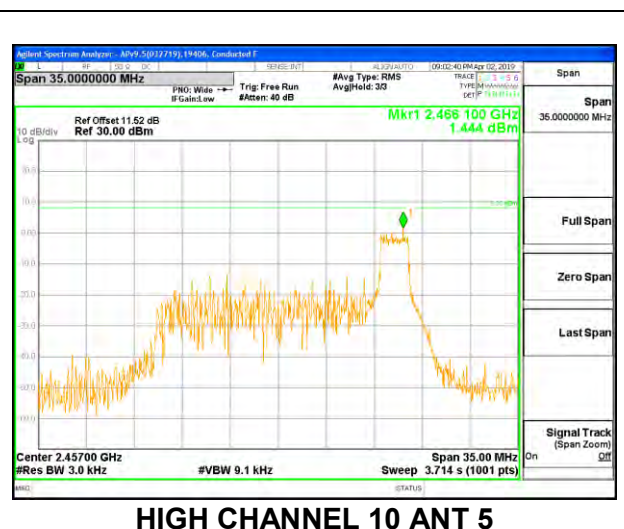
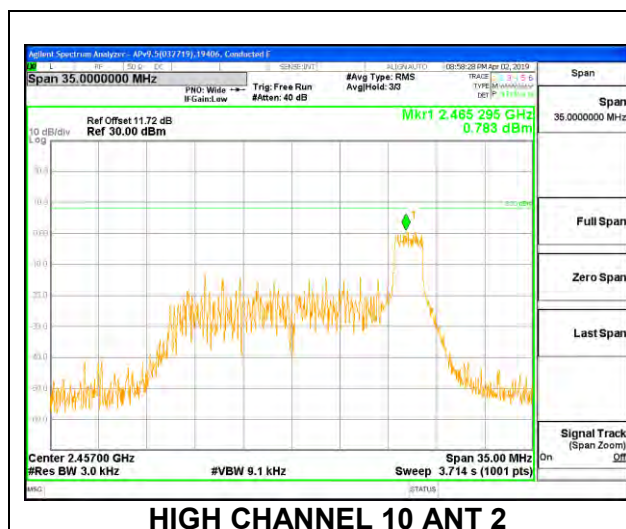
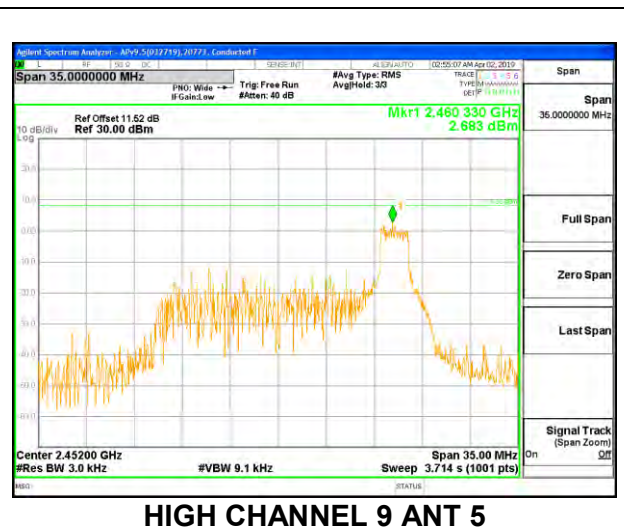
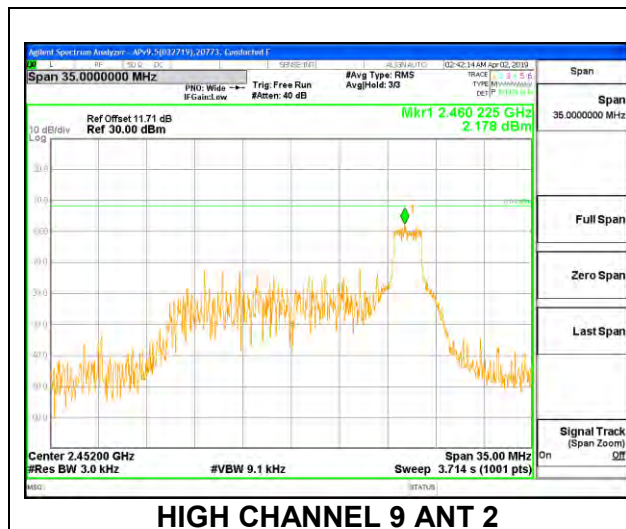
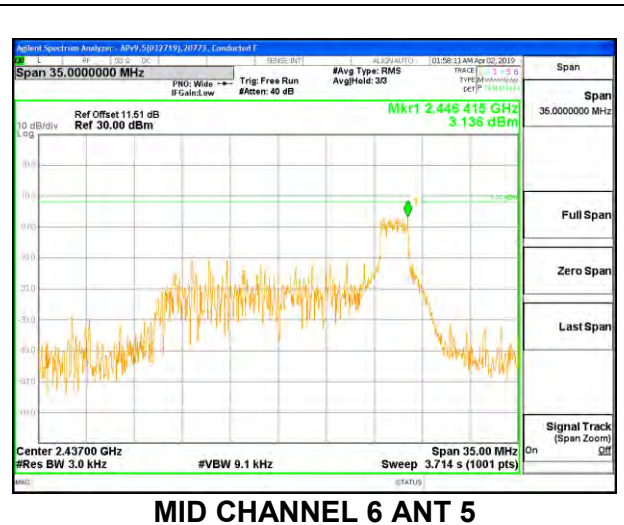
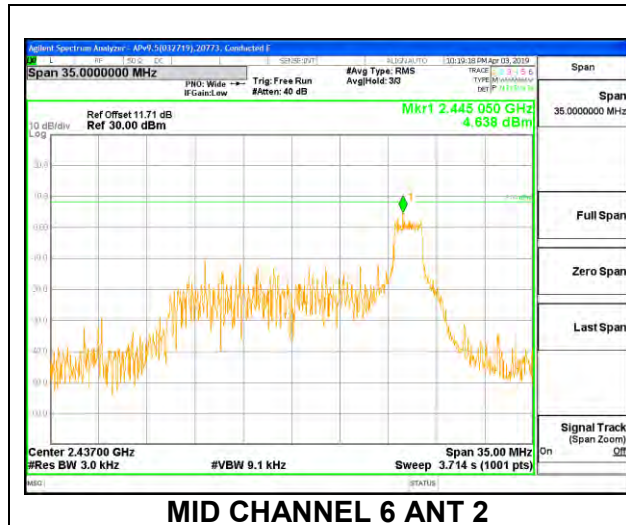
Antenna 2 + Antenna 5 2TX MODE: 26-Tones, RU Index 8

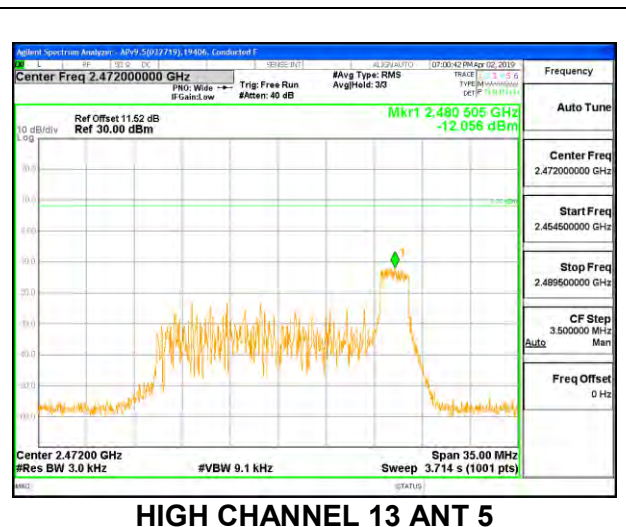
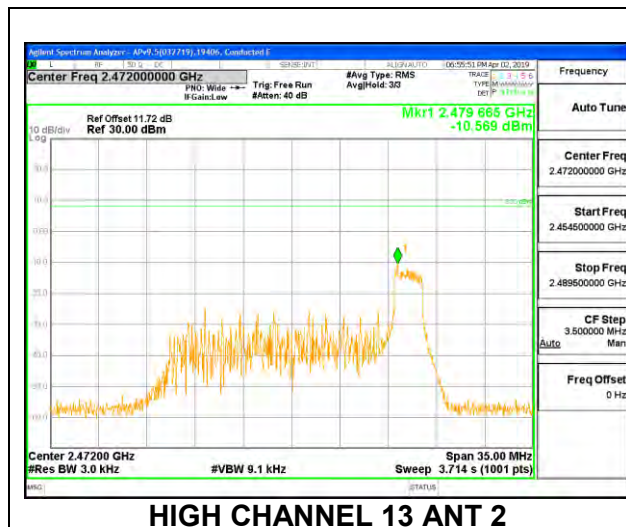
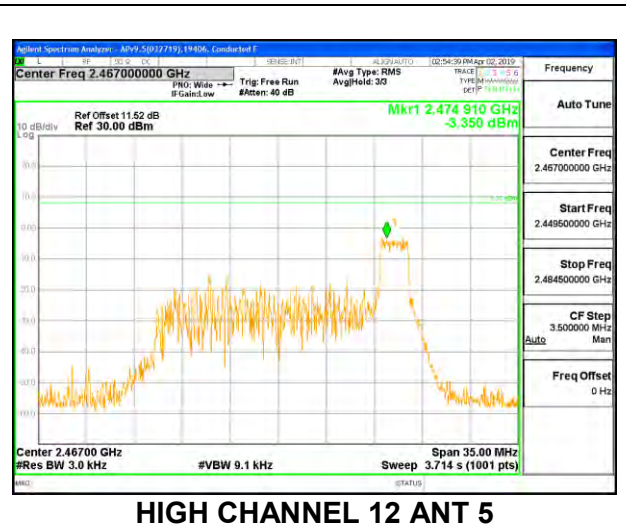
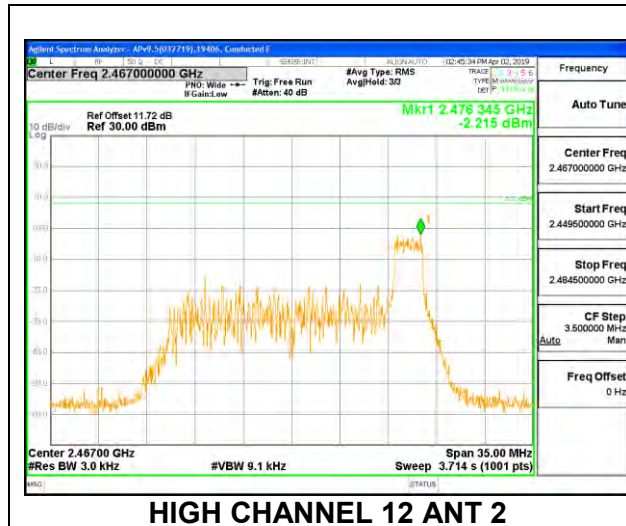
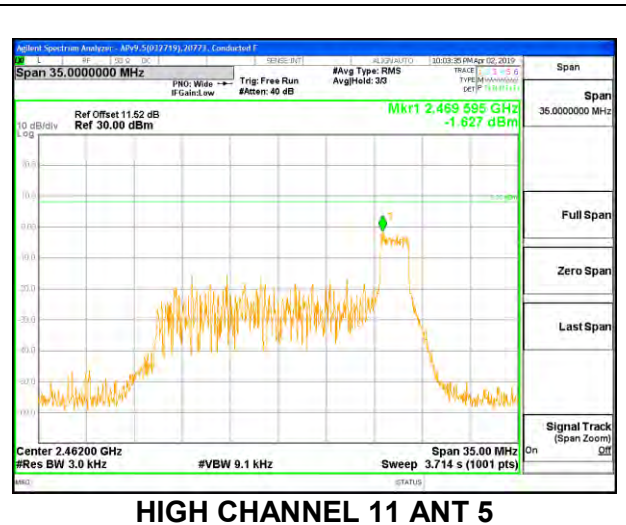
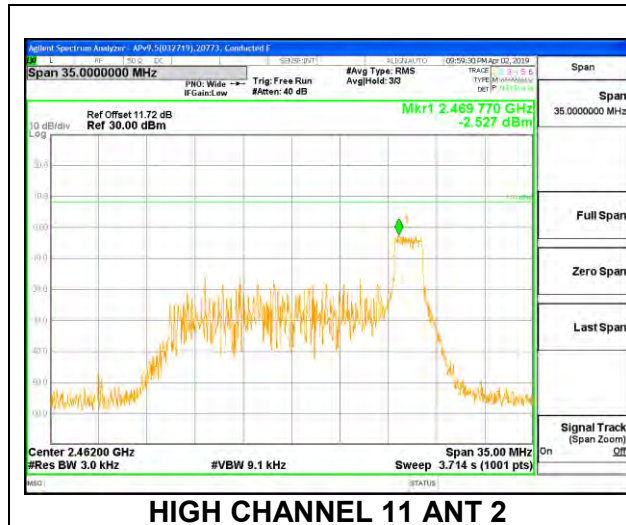
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

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	-1.731	-1.948	1.17	8.0	-6.8
Low 2	2417	1.393	1.365	4.39	8.0	-3.6
Low 3	2422	2.069	1.720	4.91	8.0	-3.1
Mid 6	2437	4.638	3.136	6.96	8.0	-1.0
High 9	2452	2.178	2.683	5.45	8.0	-2.6
High 10	2457	0.783	1.444	4.14	8.0	-3.9
High 11	2462	-2.527	-1.627	0.96	8.0	-7.0
High 12	2467	-2.215	-3.350	0.26	8.0	-7.7
High 13	2472	-10.569	-12.056	-8.24	8.0	-16.2





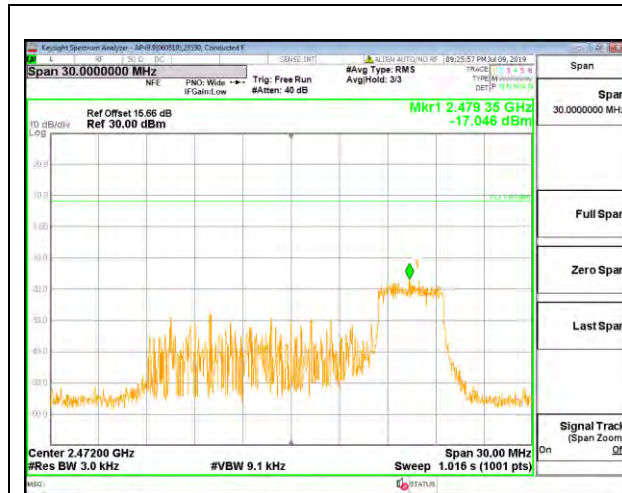
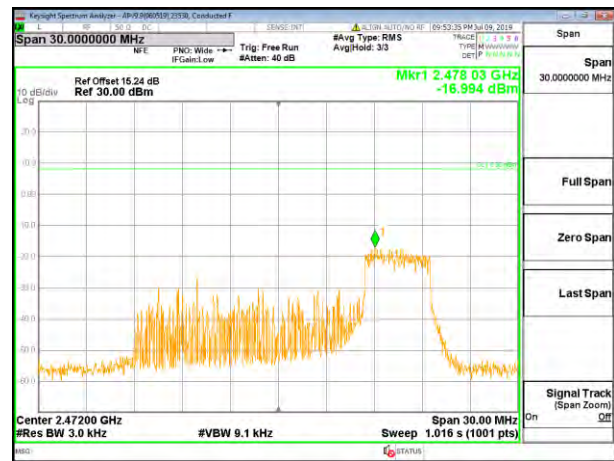


Antenna 2 + Antenna 5 2TX MODE: 52-Tone RU Index 40

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	-17.046	-16.994	-14.01	8.0	-22.0

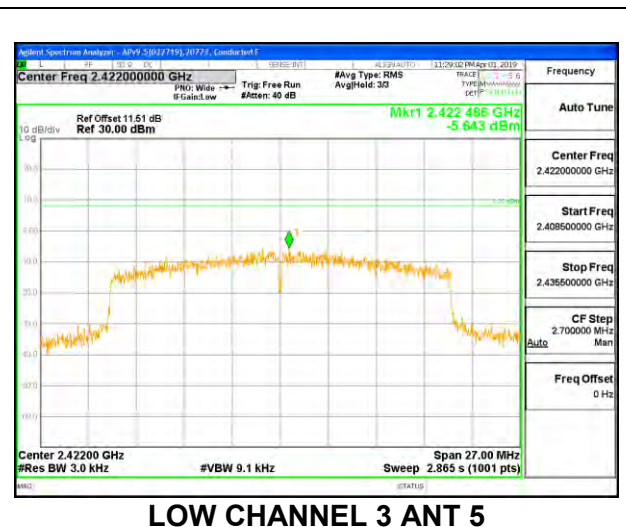
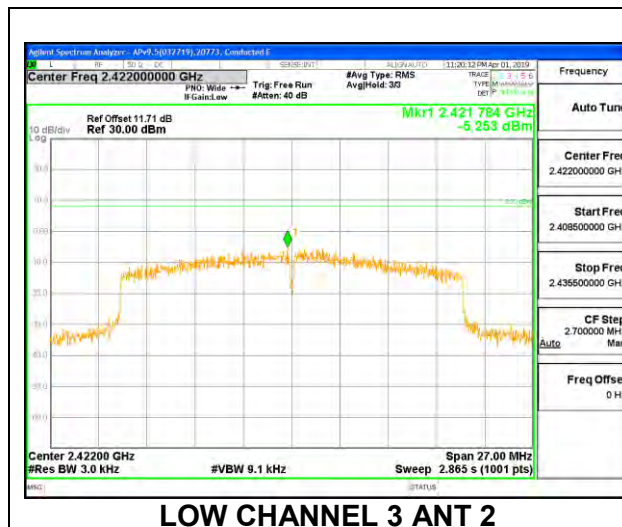
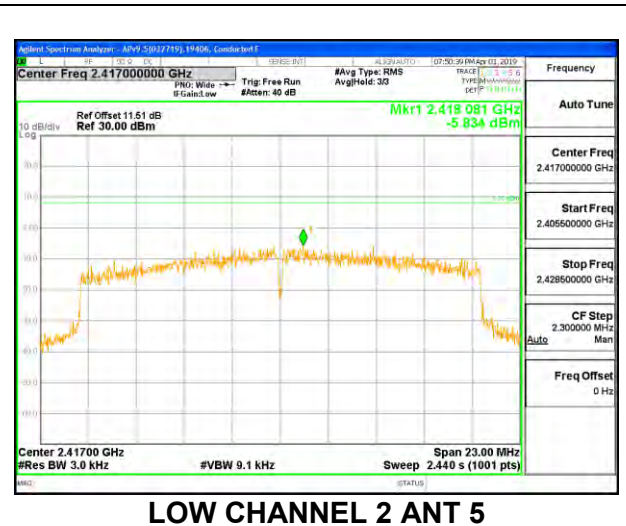
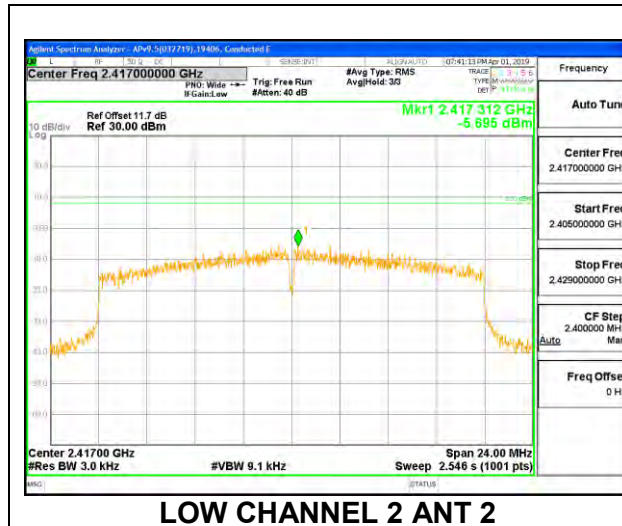
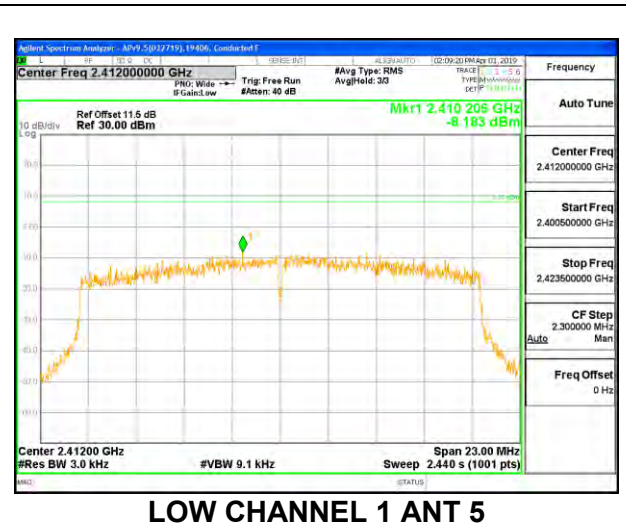
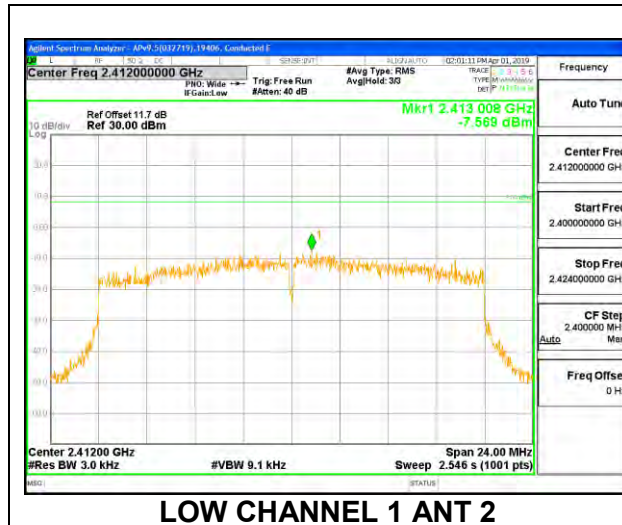
**HIGH CHANNEL 13 ANT 2****HIGH CHANNEL 13 ANT 5**

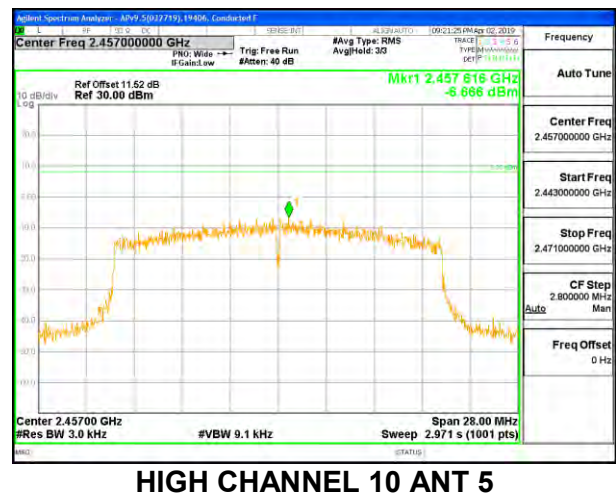
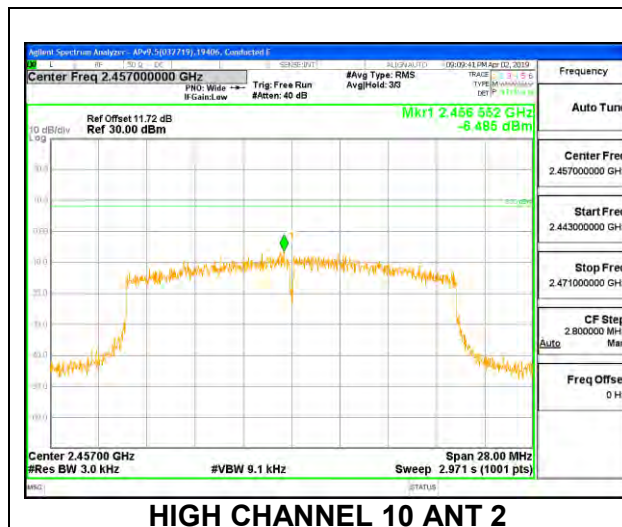
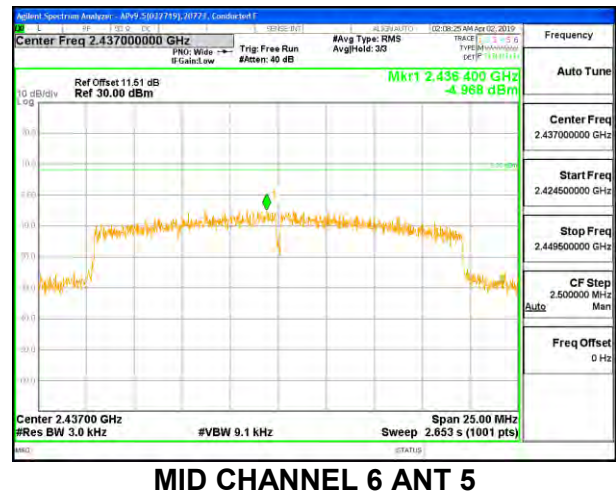
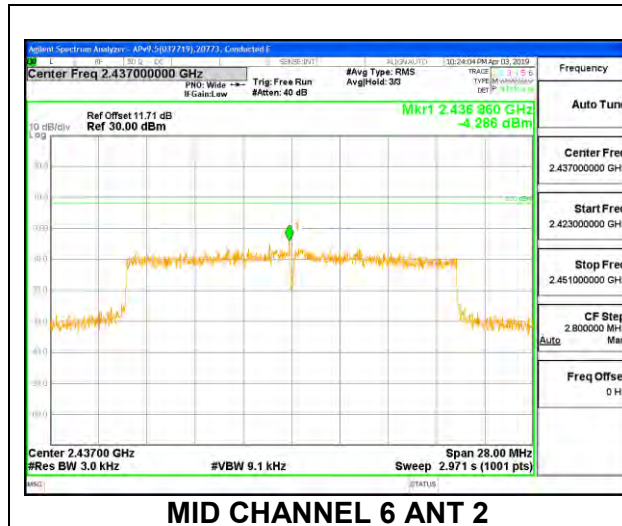
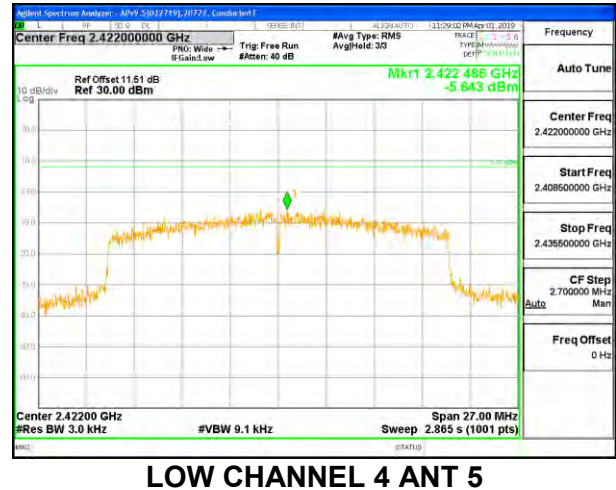
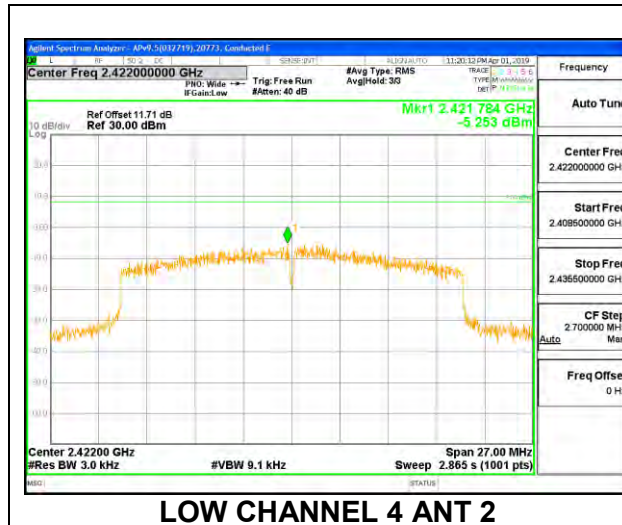
Antenna 2 + Antenna 5 2TX MODE: 242-Tone RU Index 61

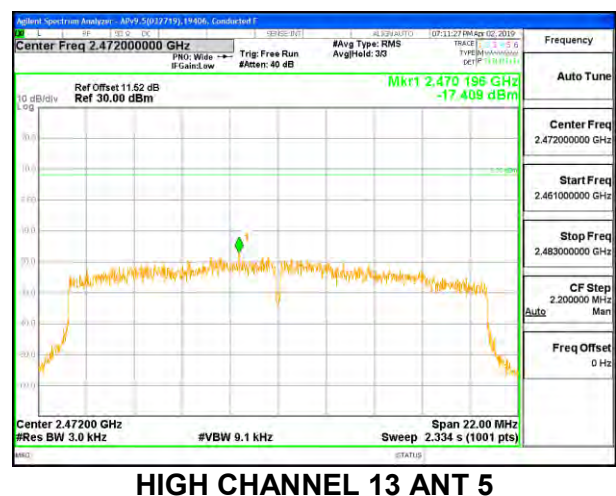
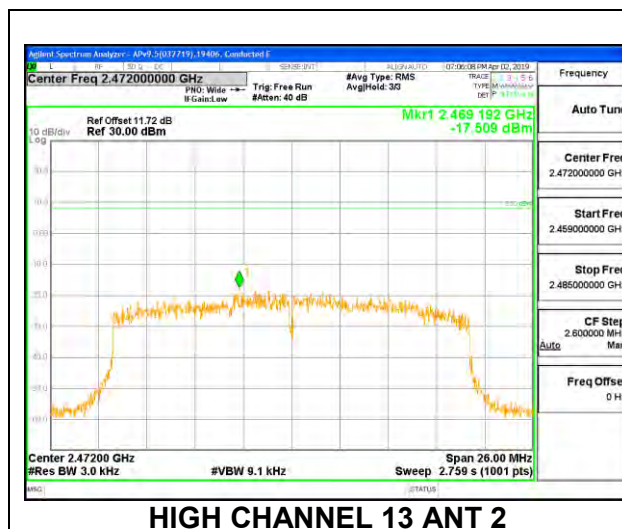
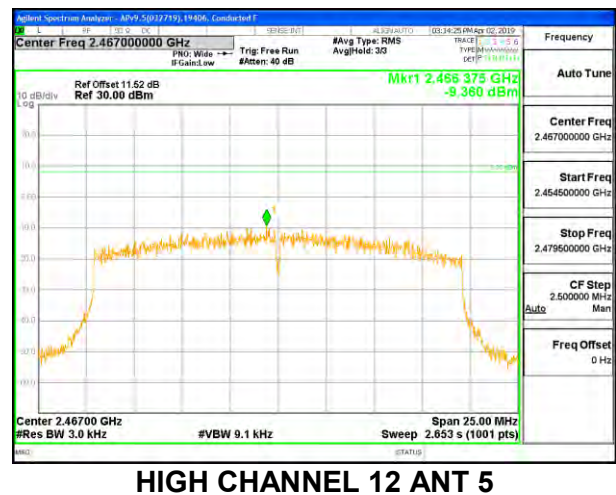
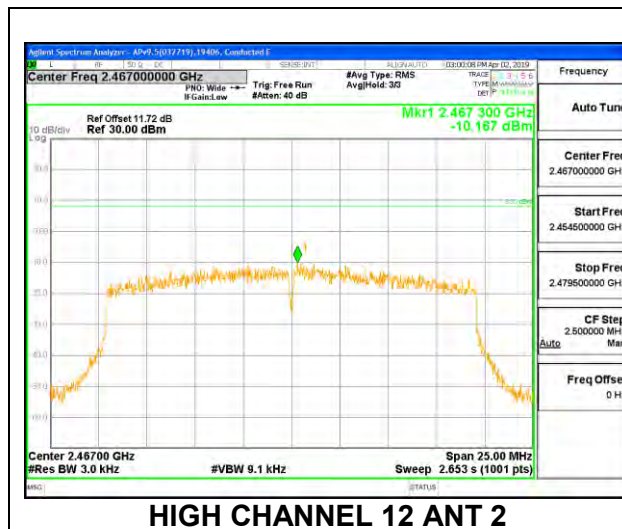
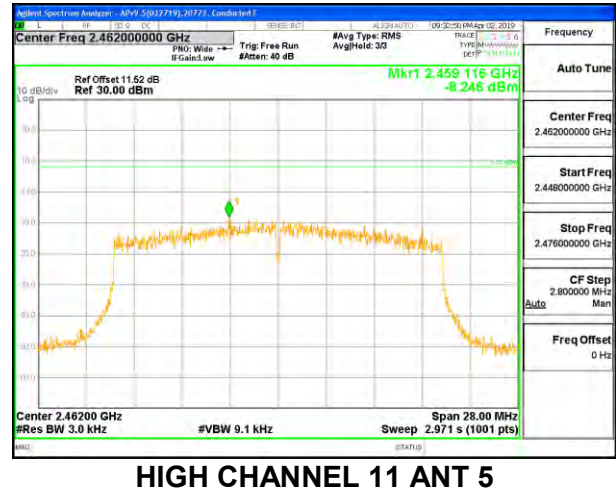
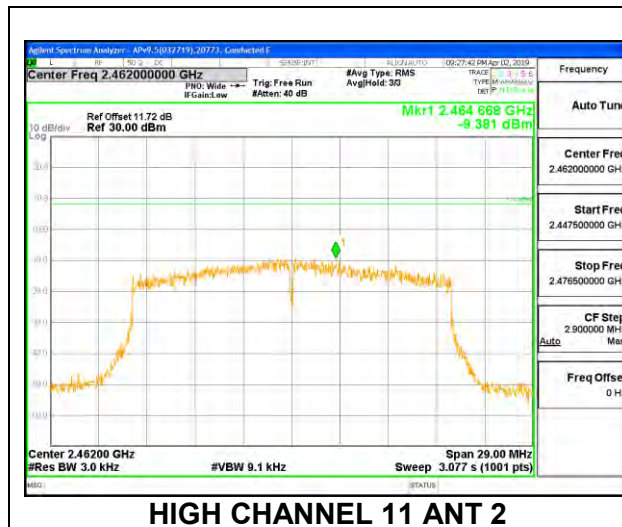
Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

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	-7.569	-8.183	-4.85	8.0	-12.9
Low 2	2417	-5.695	-5.834	-2.75	8.0	-10.8
Low 3	2422	-5.253	-5.643	-2.43	8.0	-10.4
Low 4	2427	-5.253	-5.643	-2.43	8.0	-10.4
Mid 6	2437	-4.286	-4.968	-1.60	8.0	-9.6
High 10	2457	-6.485	-6.666	-3.56	8.0	-11.6
High 11	2462	-9.381	-8.246	-5.77	8.0	-13.8
High 12	2467	-10.167	-9.360	-6.73	8.0	-14.7
High 13	2472	-17.509	-17.409	-14.45	8.0	-22.4







8.6. CONDUCTED SPURIOUS EMISSIONS

LIMITS

FCC §15.247 (d)

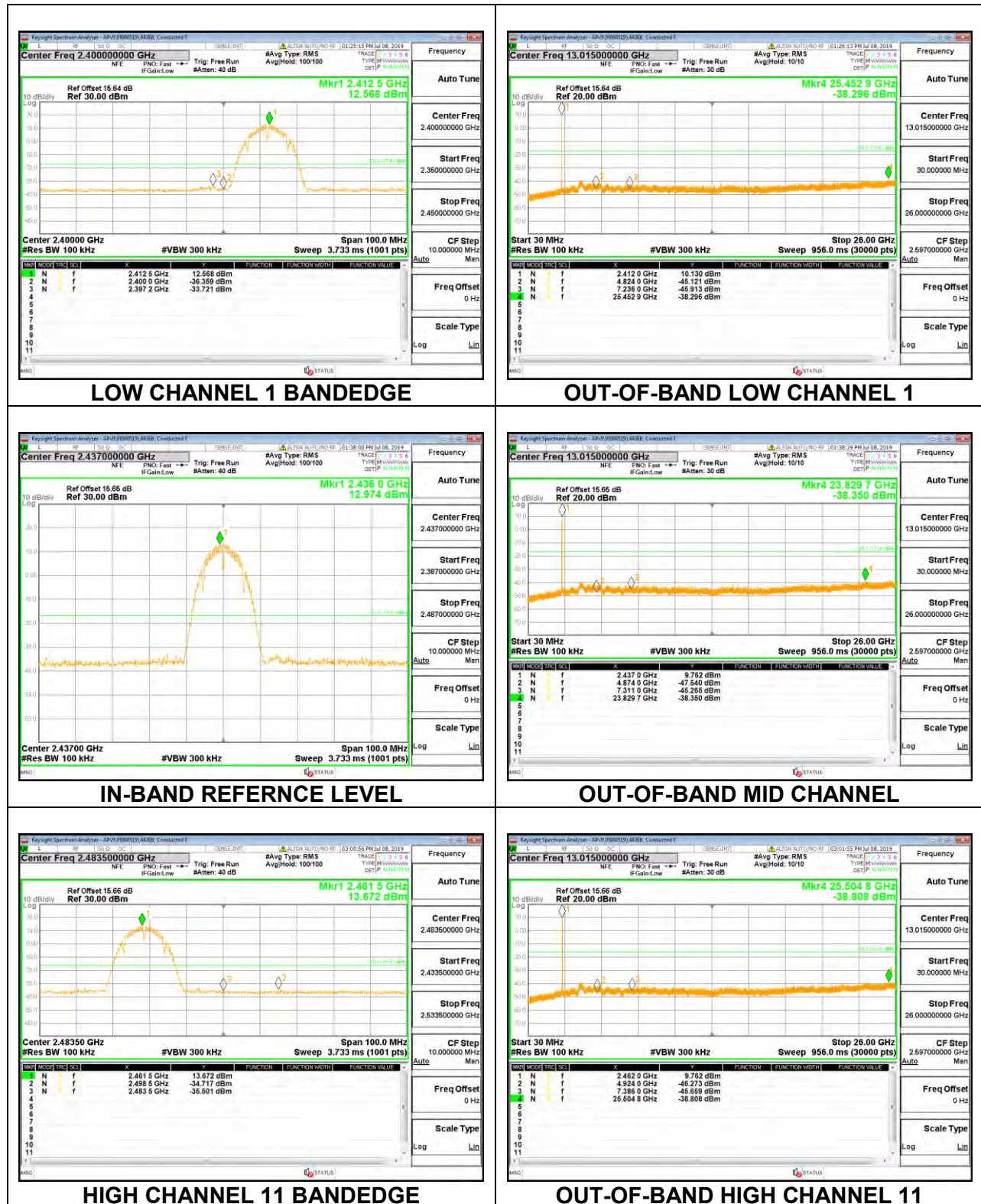
RSS-247 5.5

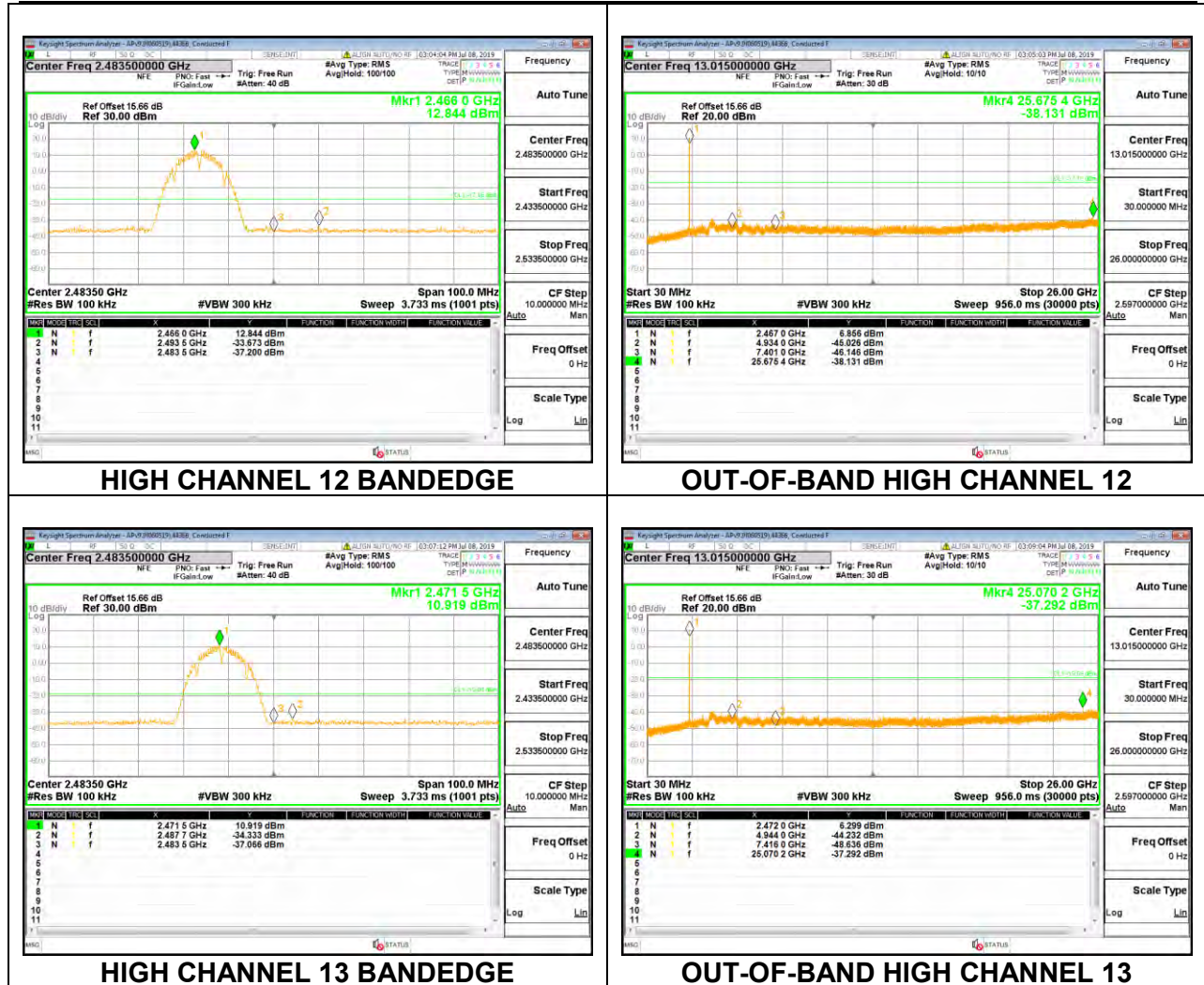
Output power was measured based on the use of peak measurement, therefore the required attenuation is 20 dB.

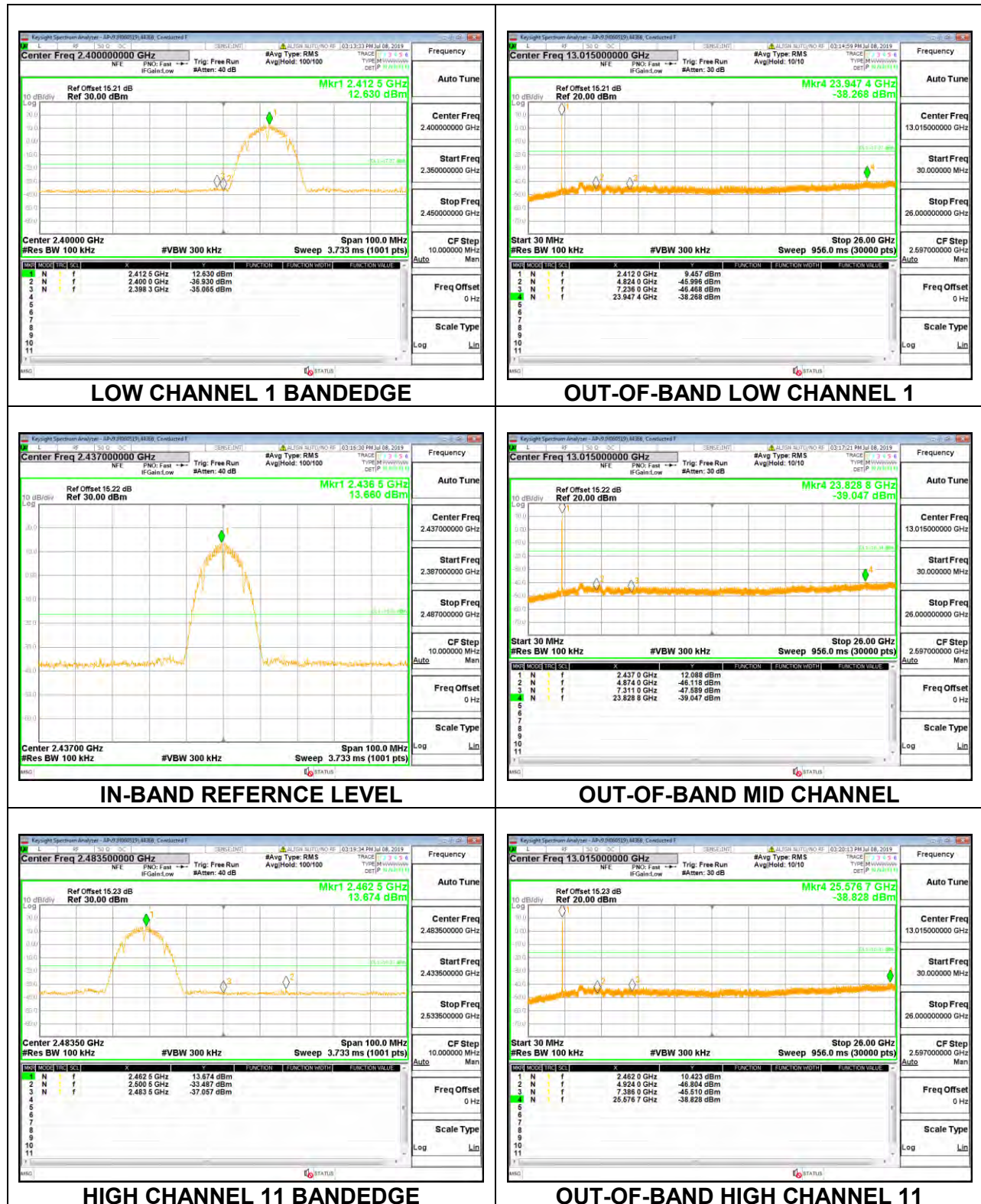
RESULTS

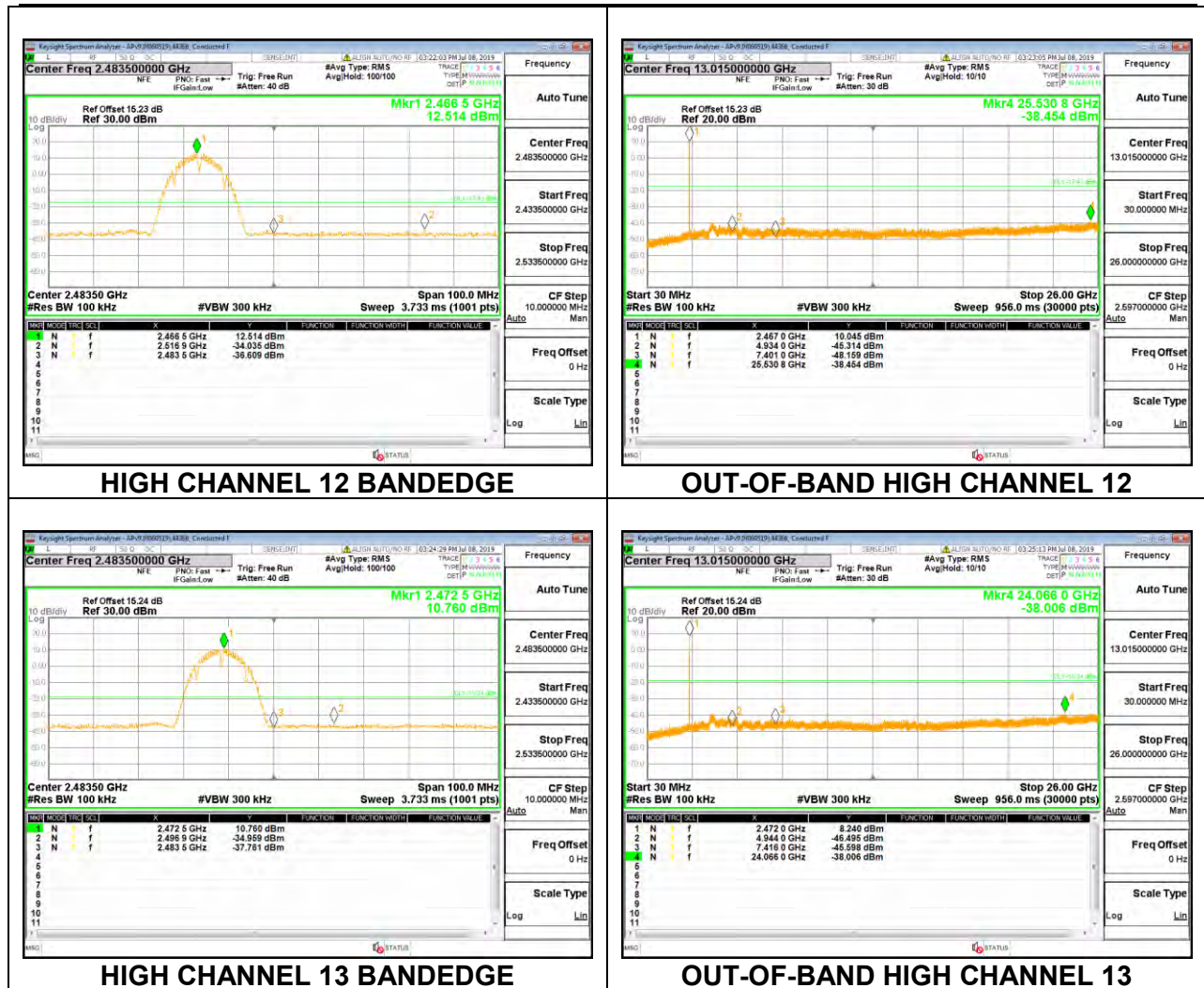
8.6.1. 802.11b MODE

1TX Antenna 2 MODE



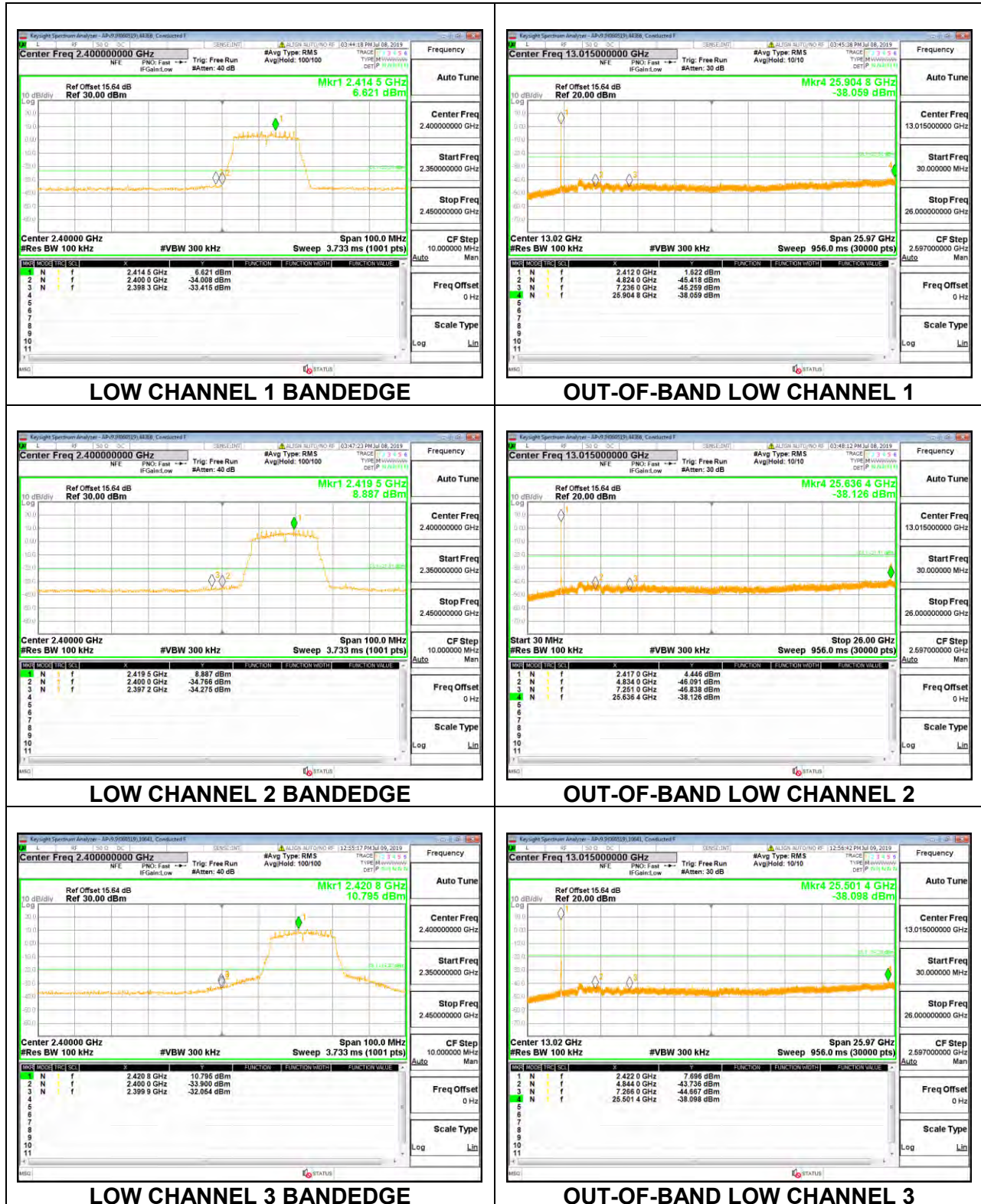


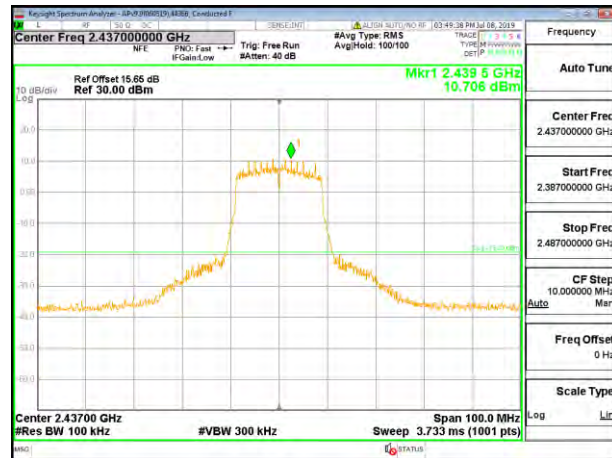
1TX Antenna 5 MODE



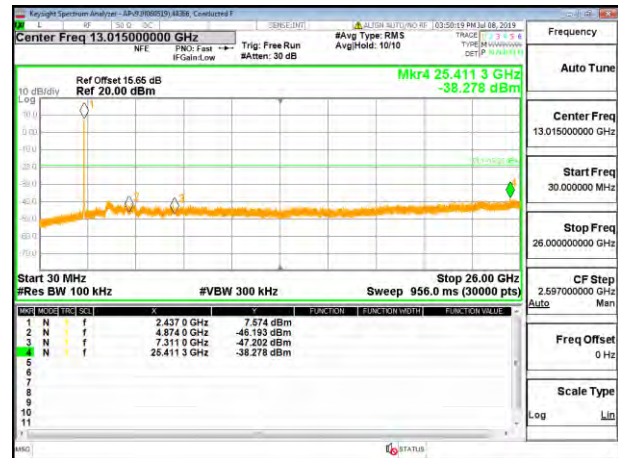
8.6.2. 802.11n HT20 MODE

1TX Antenna 2 MODE

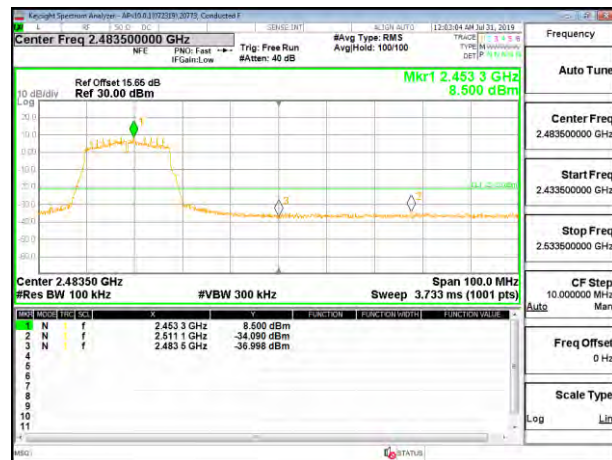




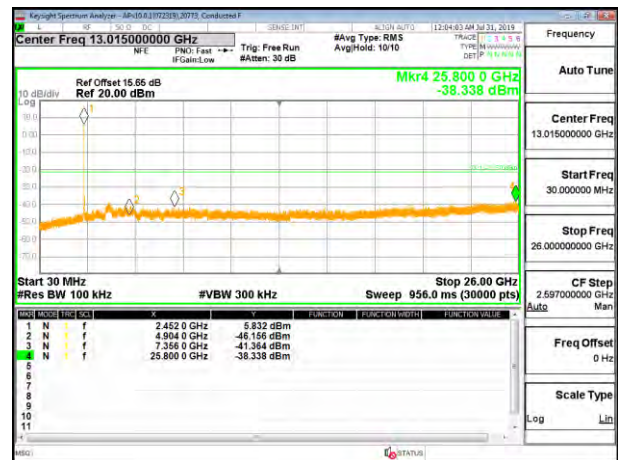
IN-BAND REFERENCE LEVEL



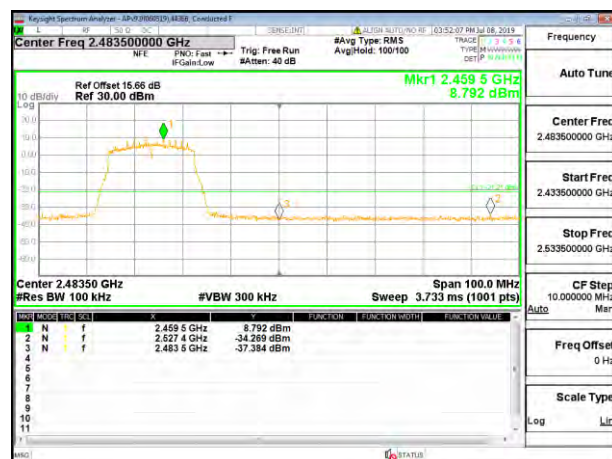
OUT-OF-BAND MID CHANNEL



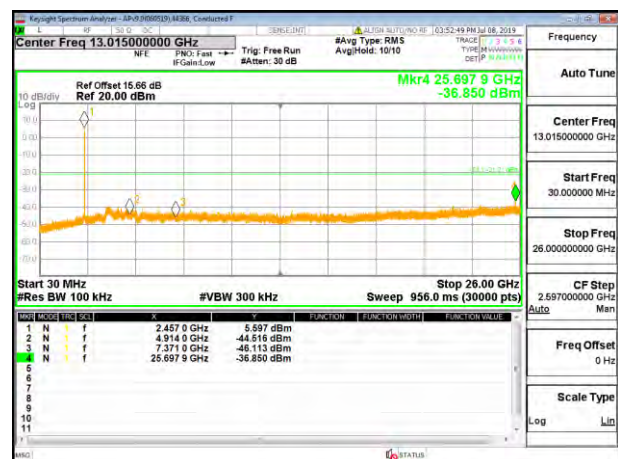
HIGH CHANNEL 9 BANDEDGE



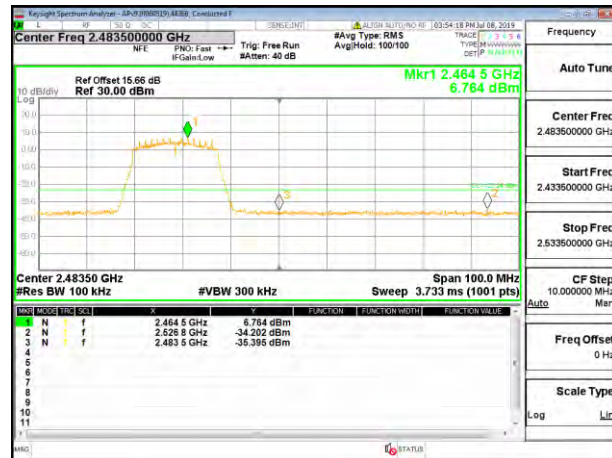
OUT-OF-BAND HIGH CHANNEL 9



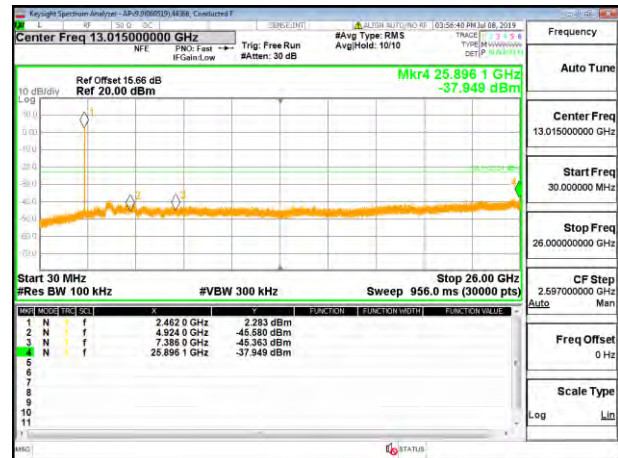
HIGH CHANNEL 10 BANDEDGE



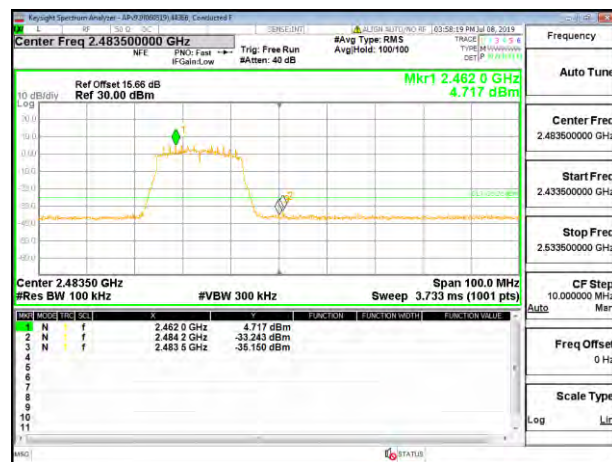
OUT-OF-BAND HIGH CHANNEL 10



HIGH CHANNEL 11 BANDEDGE



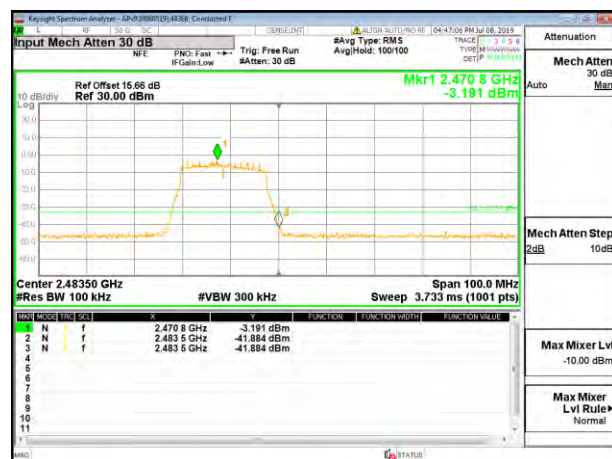
OUT-OF-BAND HIGH CHANNEL 11



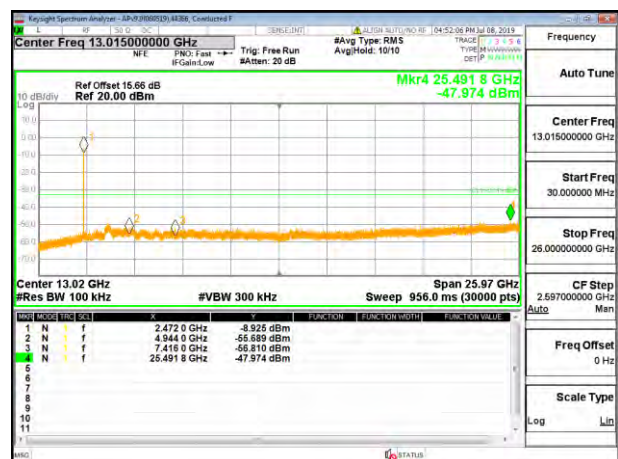
HIGH CHANNEL 12 BANDEDGE



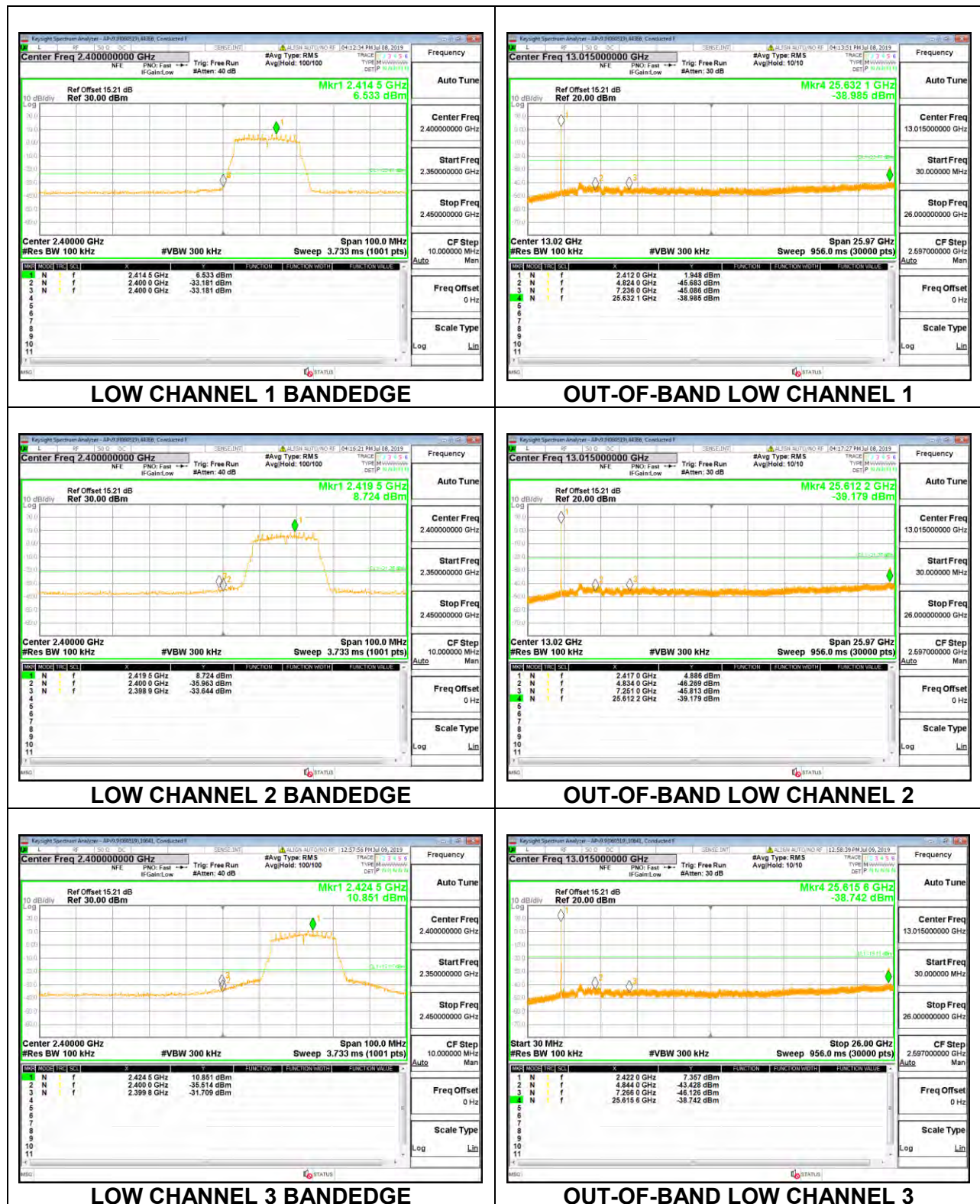
OUT-OF-BAND HIGH CHANNEL 12

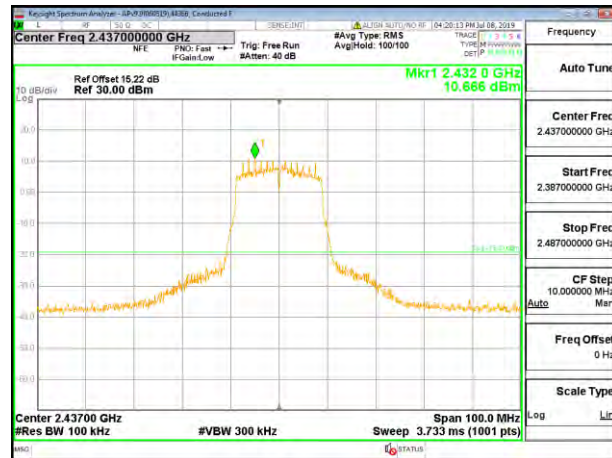


HIGH CHANNEL 13 BANDEDGE

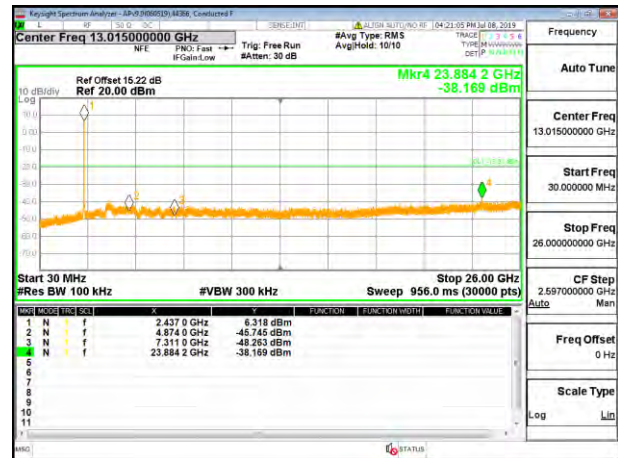


OUT-OF-BAND HIGH CHANNEL 13

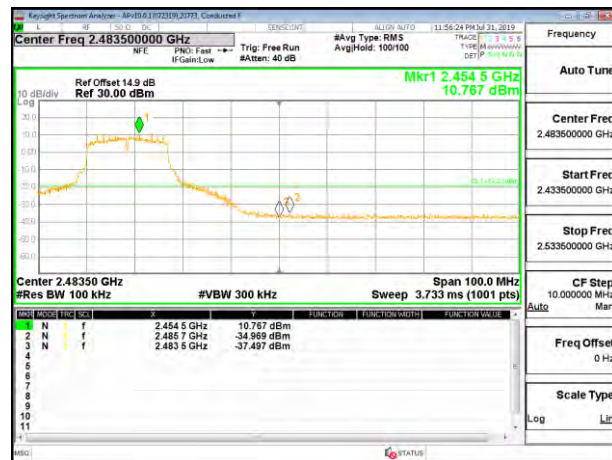
1TX Antenna 5 MODE



IN-BAND REFERENCE LEVEL



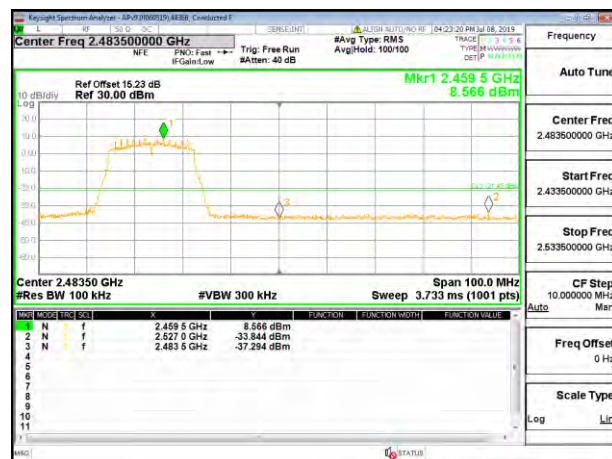
OUT-OF-BAND MID CHANNEL



HIGH CHANNEL 9 BANDEDGE



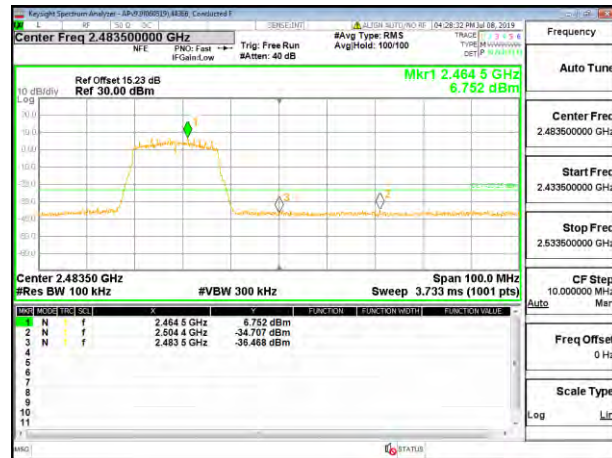
OUT-OF-BAND HIGH CHANNEL 9



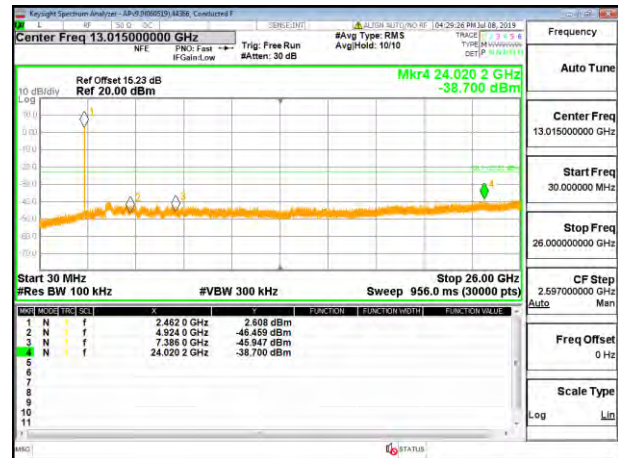
HIGH CHANNEL 10 BANDEDGE



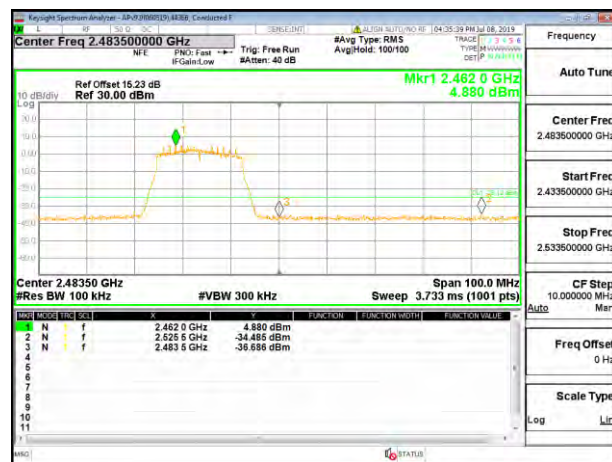
OUT-OF-BAND HIGH CHANNEL 10



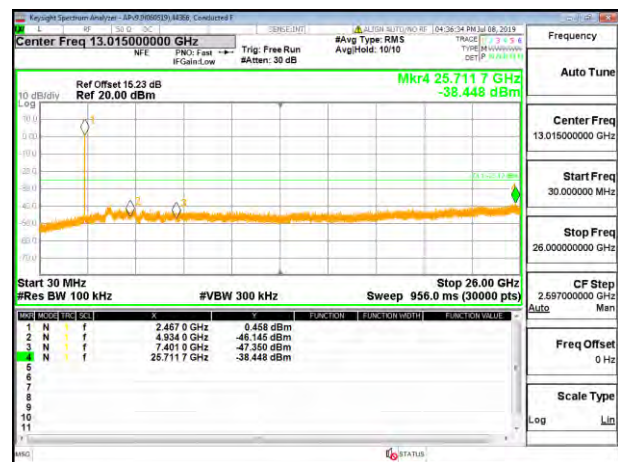
HIGH CHANNEL 11 BANDEDGE



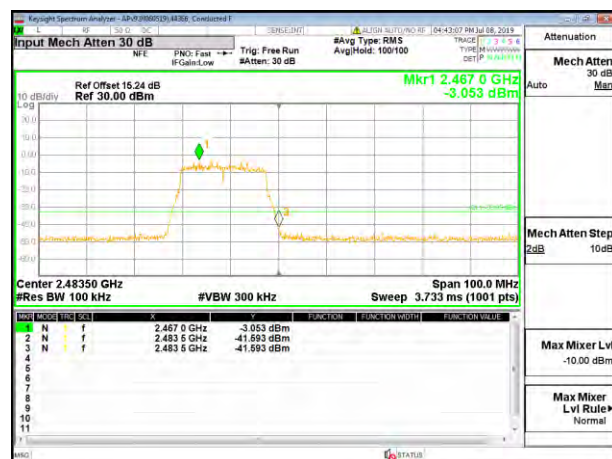
OUT-OF-BAND HIGH CHANNEL 11



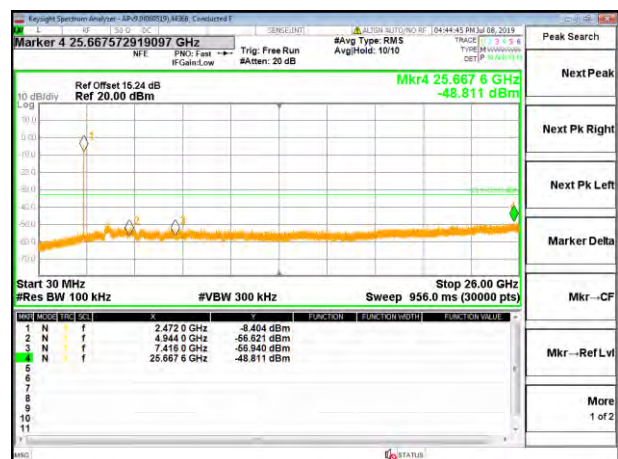
HIGH CHANNEL 12 BANDEDGE



OUT-OF-BAND HIGH CHANNEL 12

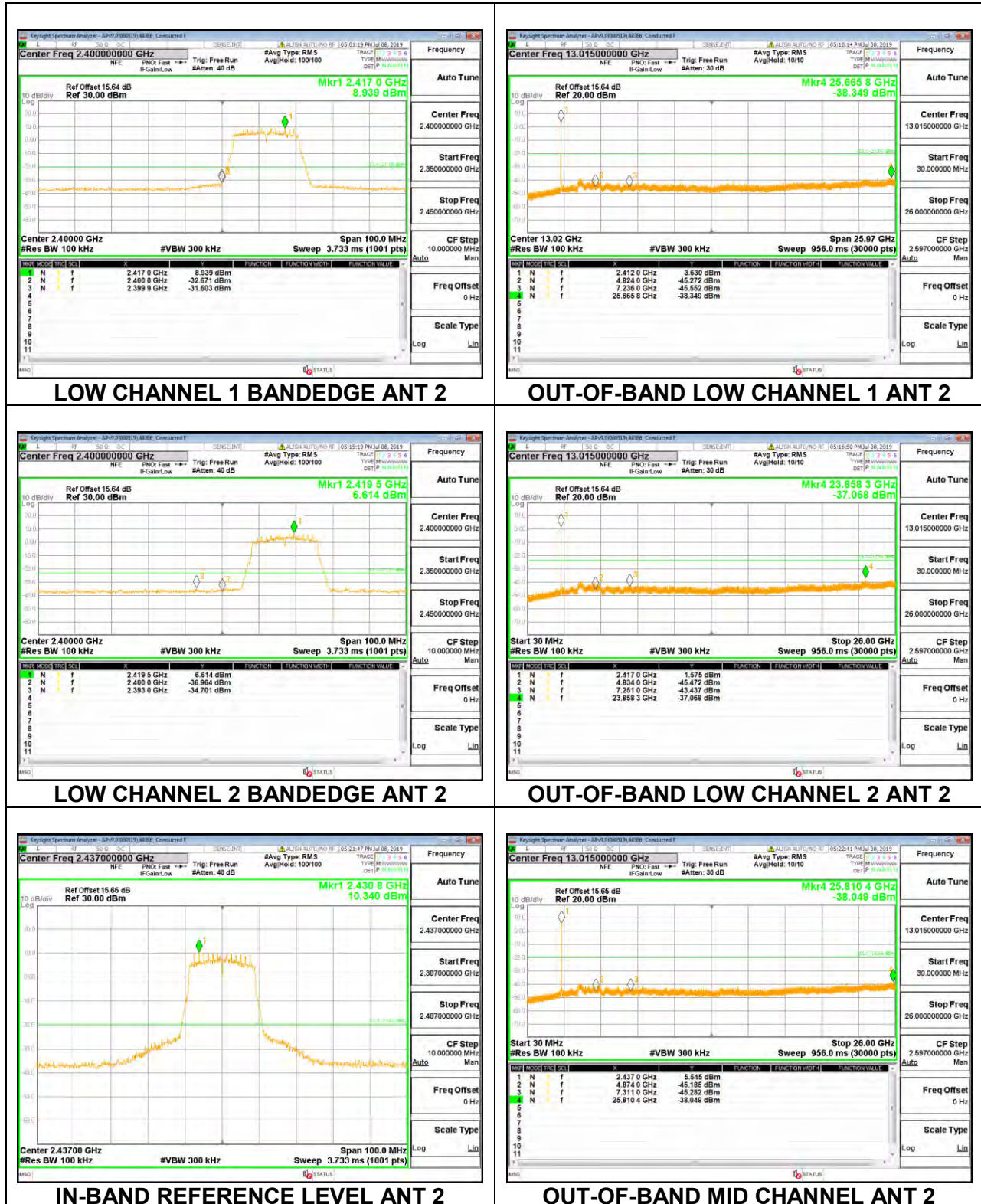


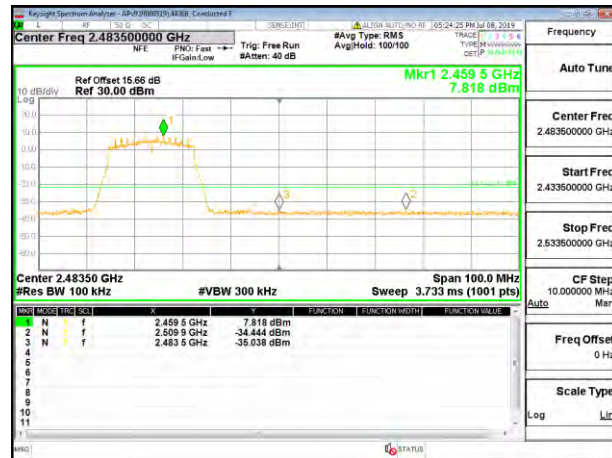
HIGH CHANNEL 13 BANDEDGE



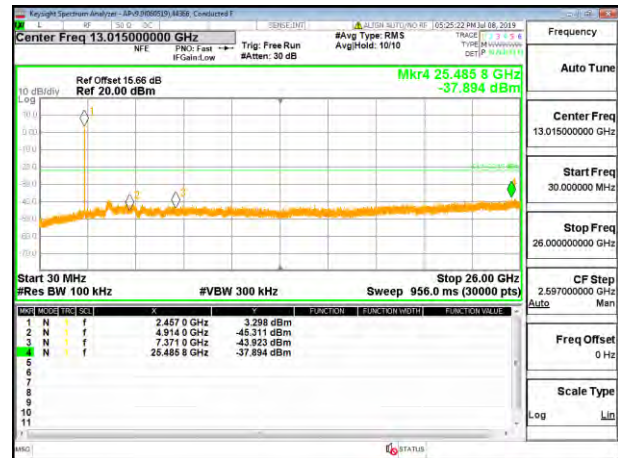
OUT-OF-BAND HIGH CHANNEL 13

8.6.3. 2TX 802.11n HT20 CDD MODE 2TX

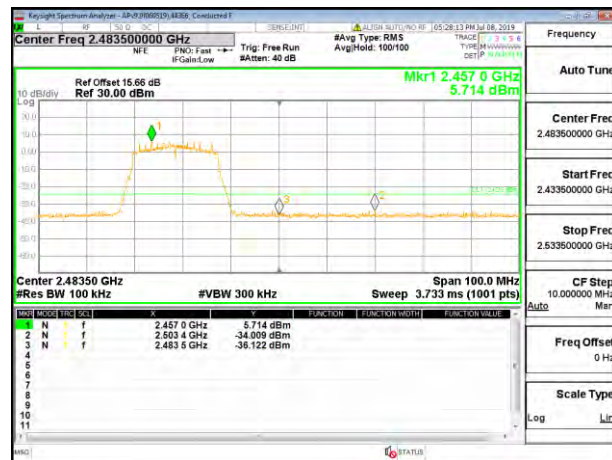




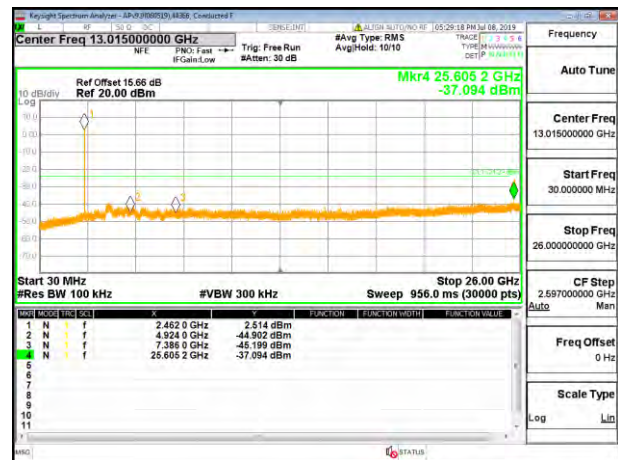
HIGH CHANNEL 10 BANDEDGE ANT 2



OUT-OF-BAND HIGH CHANNEL 10 ANT 2



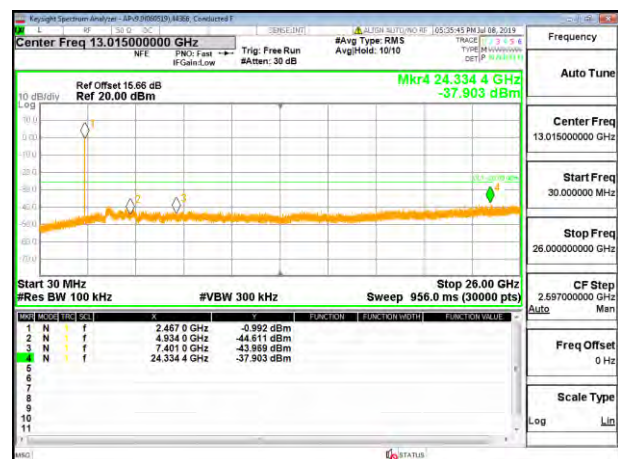
HIGH CHANNEL 11 BANDEDGE ANT 2



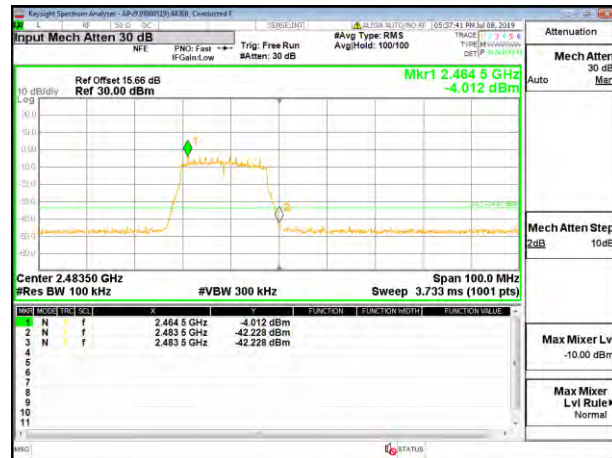
OUT-OF-BAND HIGH CHANNEL 11 ANT 2



HIGH CHANNEL 12 BANDEDGE ANT 2



OUT-OF-BAND HIGH CHANNEL 12 ANT 2



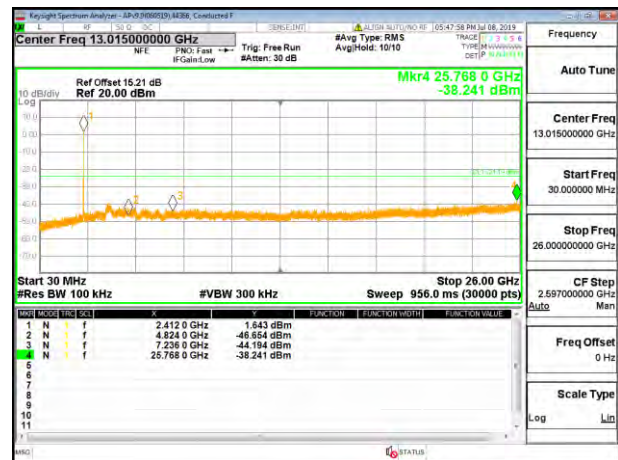
HIGH CHANNEL 13 BANDEDGE ANT 2



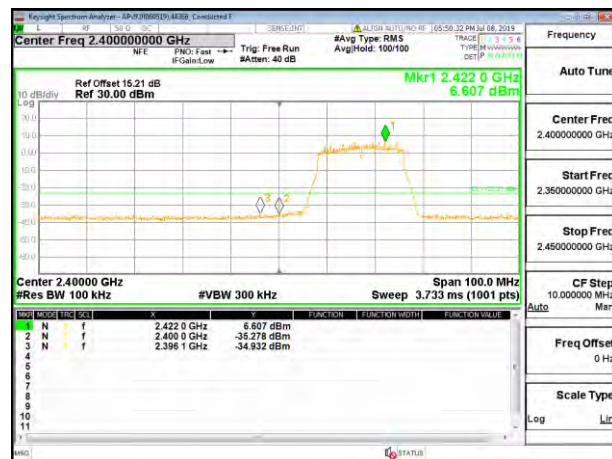
OUT-OF-BAND HIGH CHANNEL 13 ANT 2



LOW CHANNEL 1 BANDEDGE ANT 5



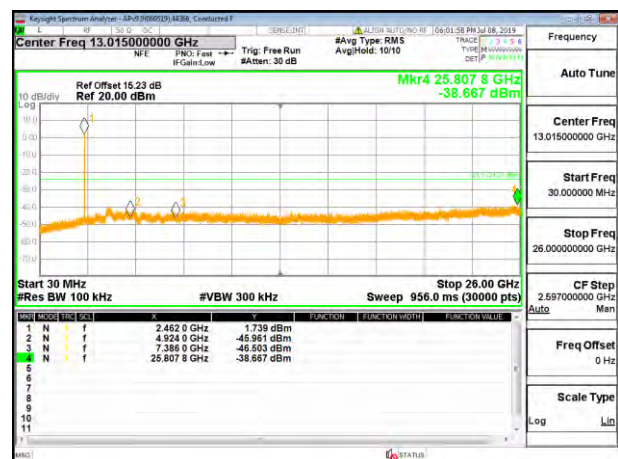
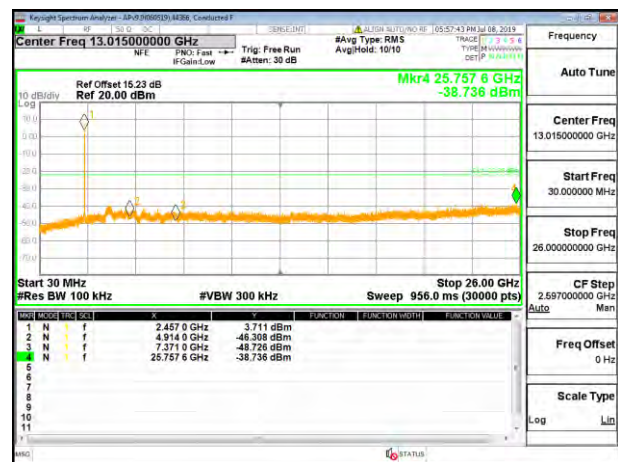
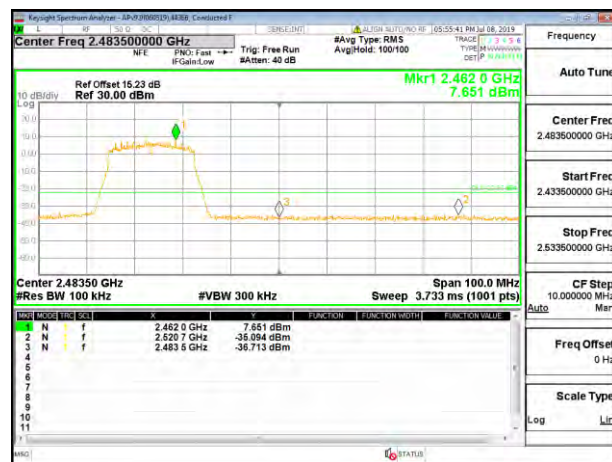
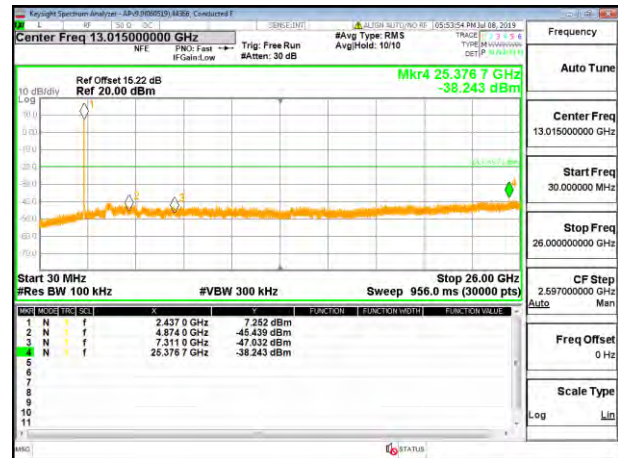
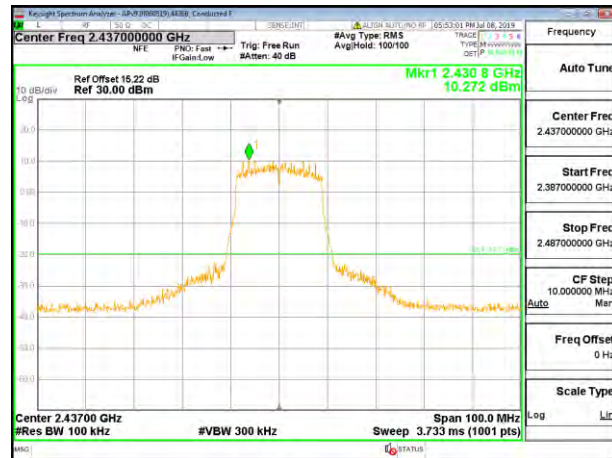
OUT-OF-BAND LOW CHANNEL 1 ANT 5

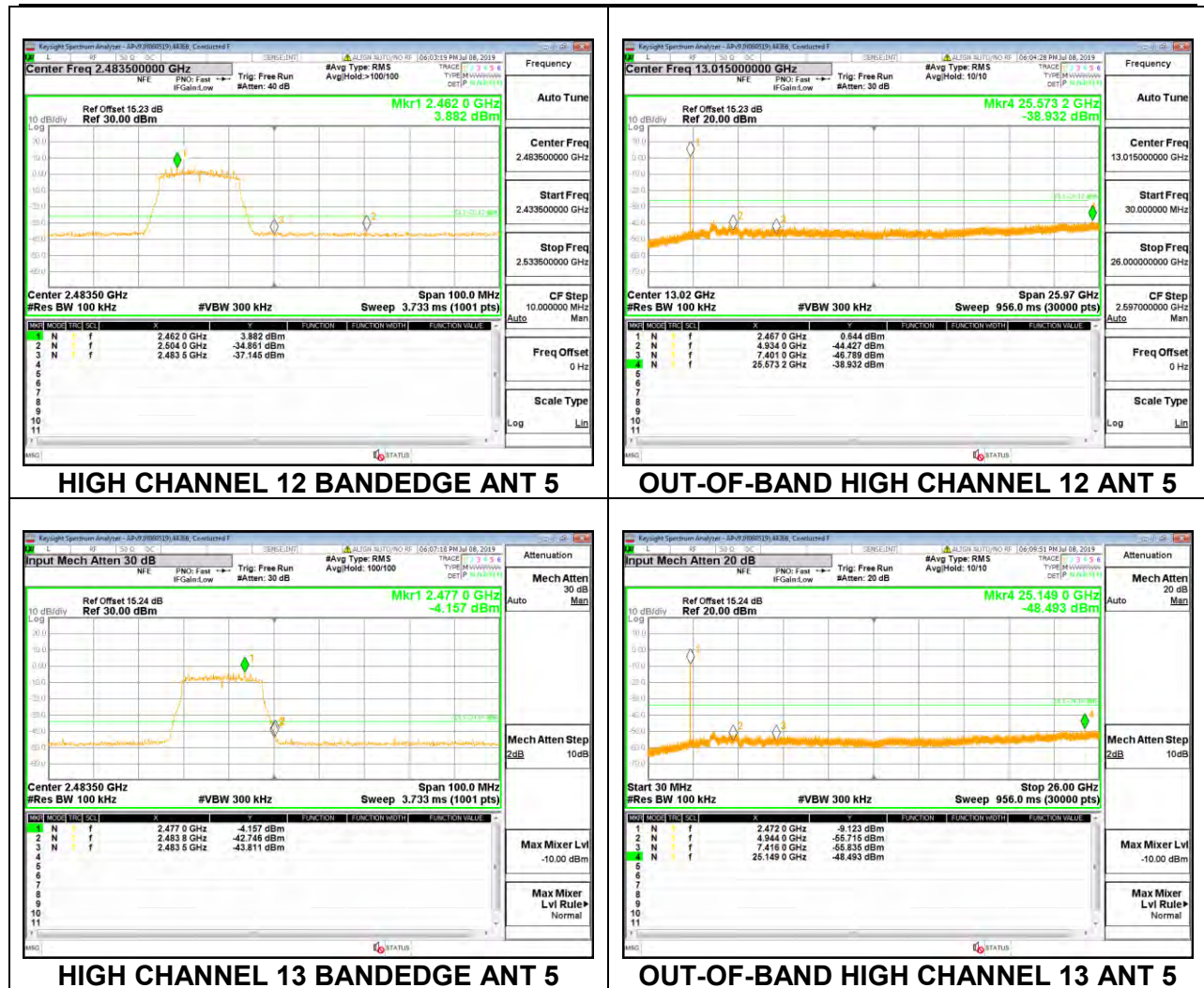


LOW CHANNEL 2 BANDEDGE ANT 5



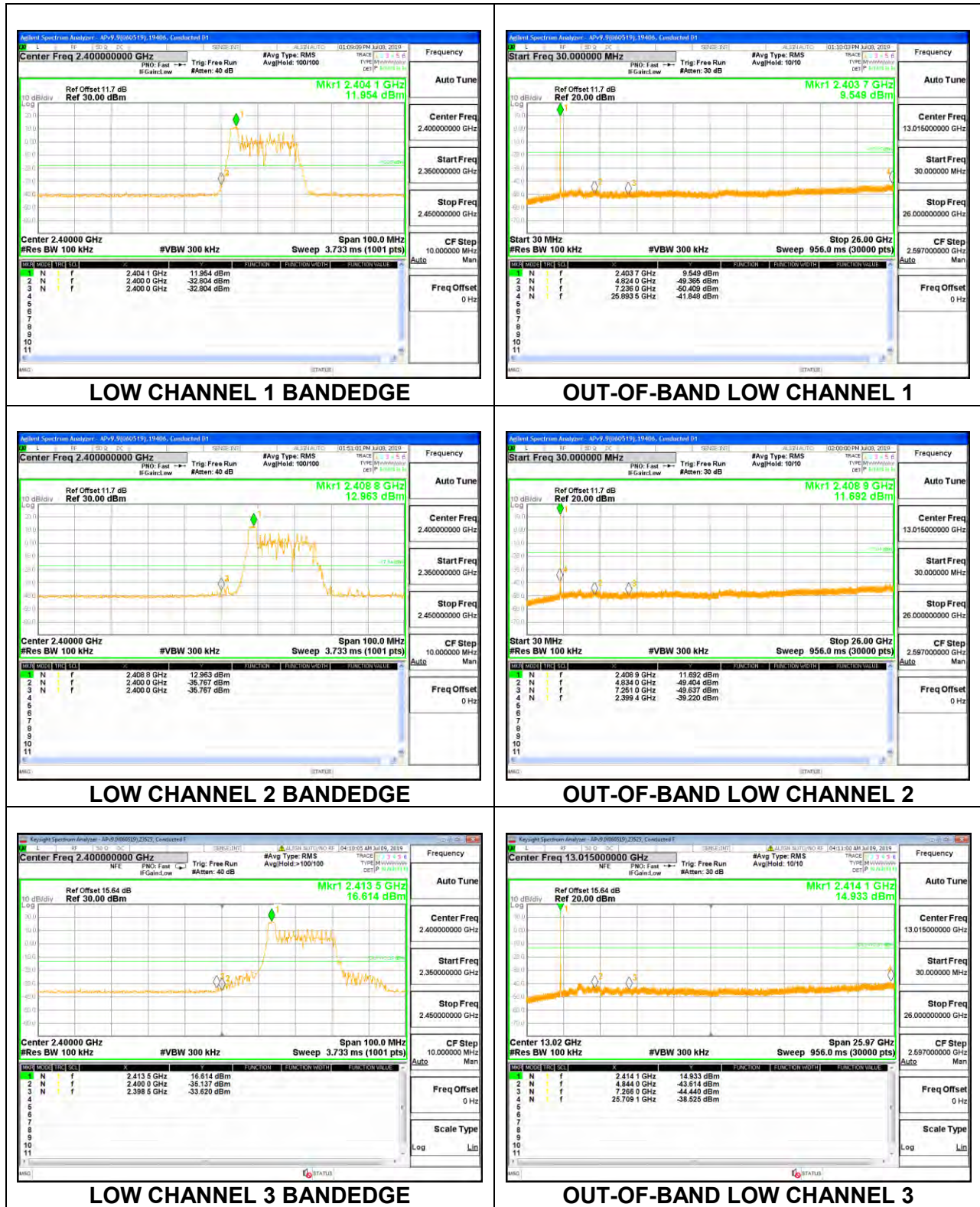
OUT-OF-BAND LOW CHANNEL 2 ANT 5

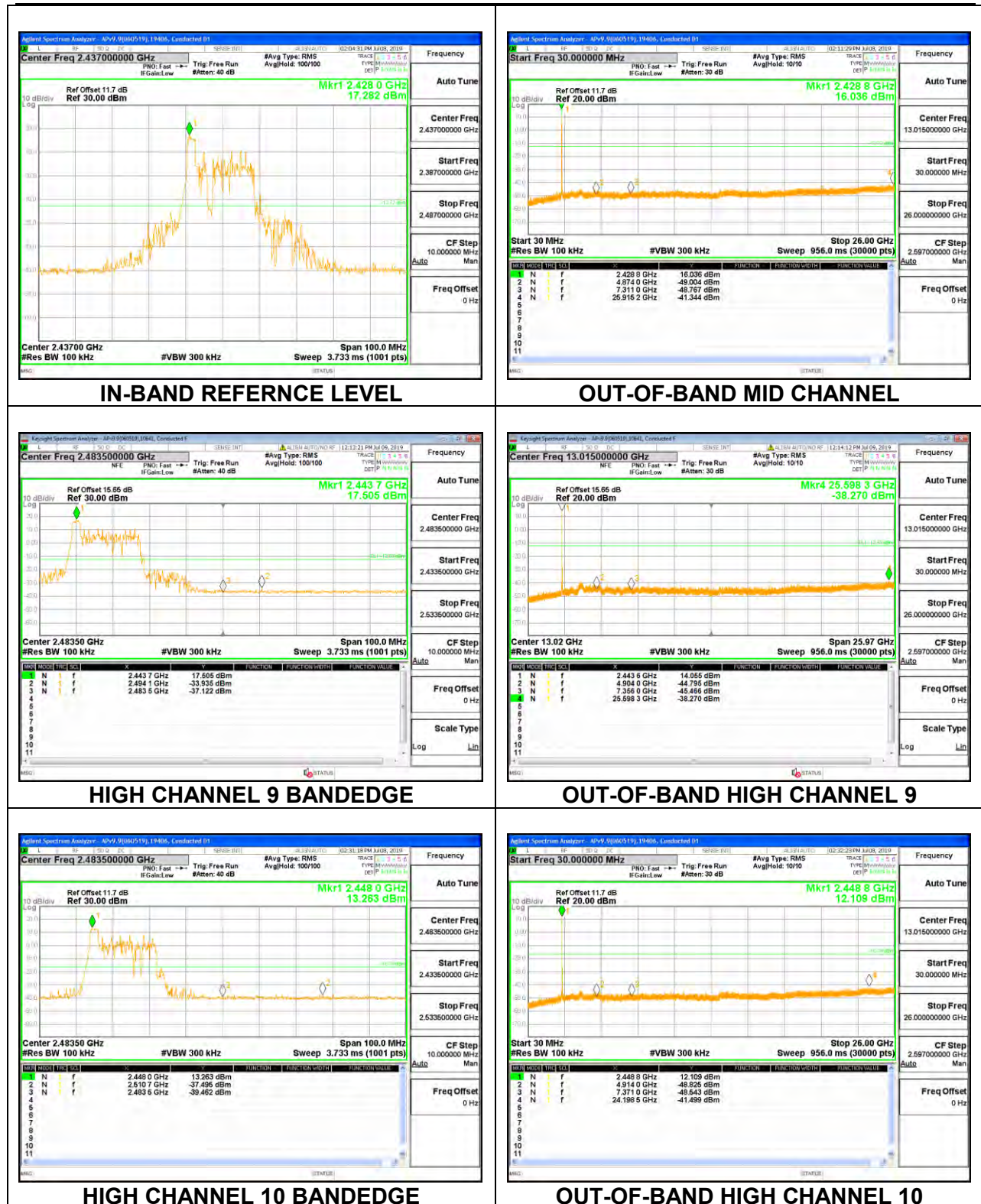




8.6.4. 802.11ax HE20 MODE

1TX Antenna 2 MODE, 26-Tone RU Index 0



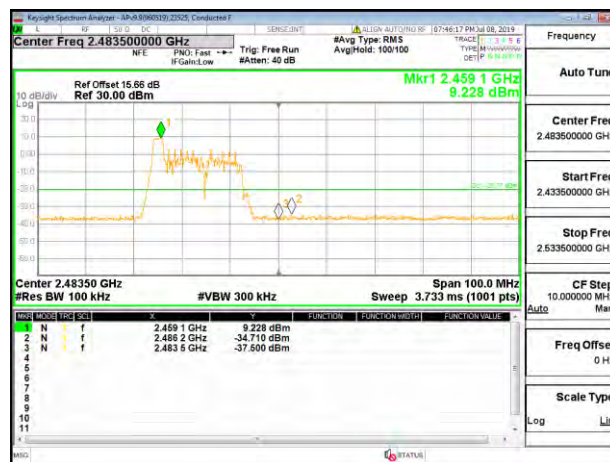




HIGH CHANNEL 11 BANDEDGE



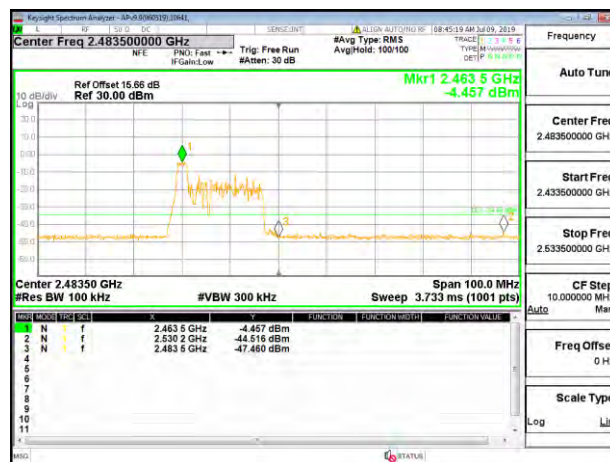
OUT-OF-BAND HIGH CHANNEL 11



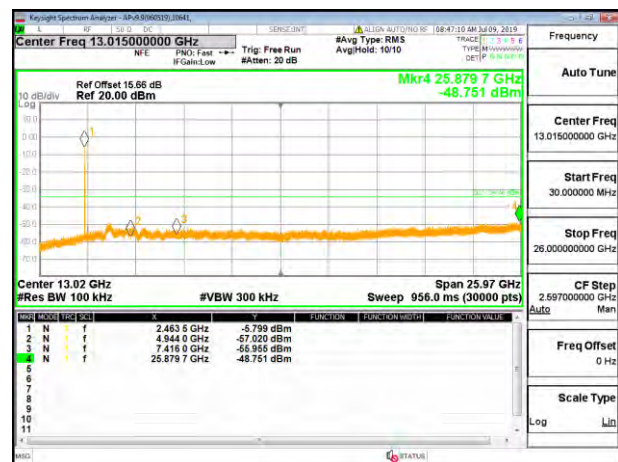
HIGH CHANNEL 12 BANDEDGE



OUT-OF-BAND HIGH CHANNEL 12



HIGH CHANNEL 13 BANDEDGE



OUT-OF-BAND HIGH CHANNEL 13