

The figure displays two side-by-side Agilent Spectrum Analyzer screenshots, labeled 'HIGH CHANNEL 12 WF3' (left) and 'HIGH CHANNEL 12 WF2' (right). Both screenshots show a frequency spectrum centered at 2.467000000 GHz with a span of 40 MHz. The left plot shows a signal with a peak level of approximately 17.13 MHz (Occupied Bandwidth) and a total power of 9.38 dBm. The right plot shows a signal with a peak level of approximately 17.84 MHz (Occupied Bandwidth) and a total power of 9.13 dBm. Both plots show a signal with a bandwidth of 360 kHz and a sweep of 1 ms.

High Channel 13 WF3

Parameter	Value
Transmit Freq Error	-153.40 kHz
x dB Bandwidth	26.39 MHz
OBW Power	99.00 %
x dB	-26.00 dB

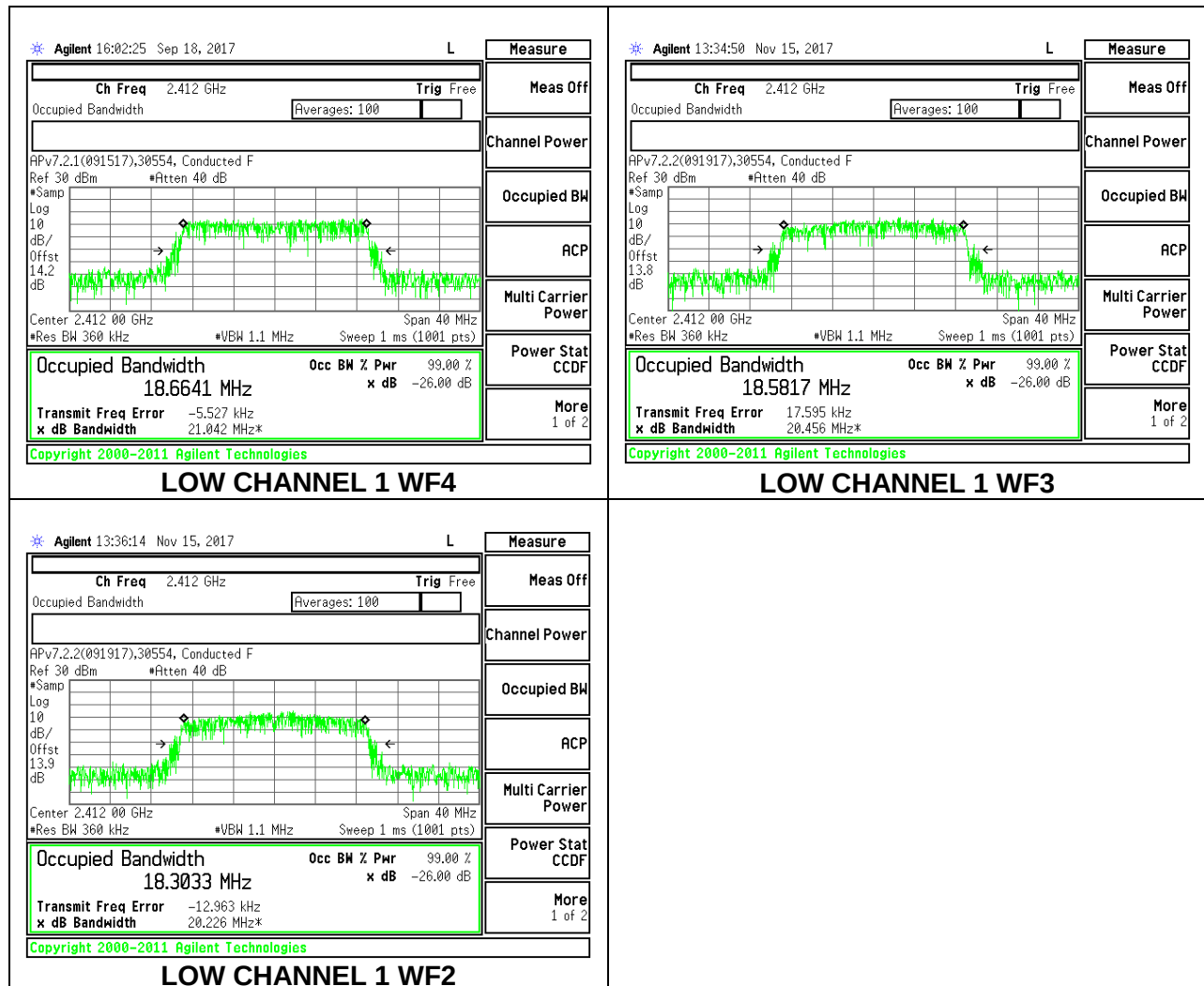
High Channel 13 WF2

Parameter	Value
Transmit Freq Error	-109.20 kHz
x dB Bandwidth	20.32 MHz
OBW Power	99.00 %
x dB	-26.00 dB

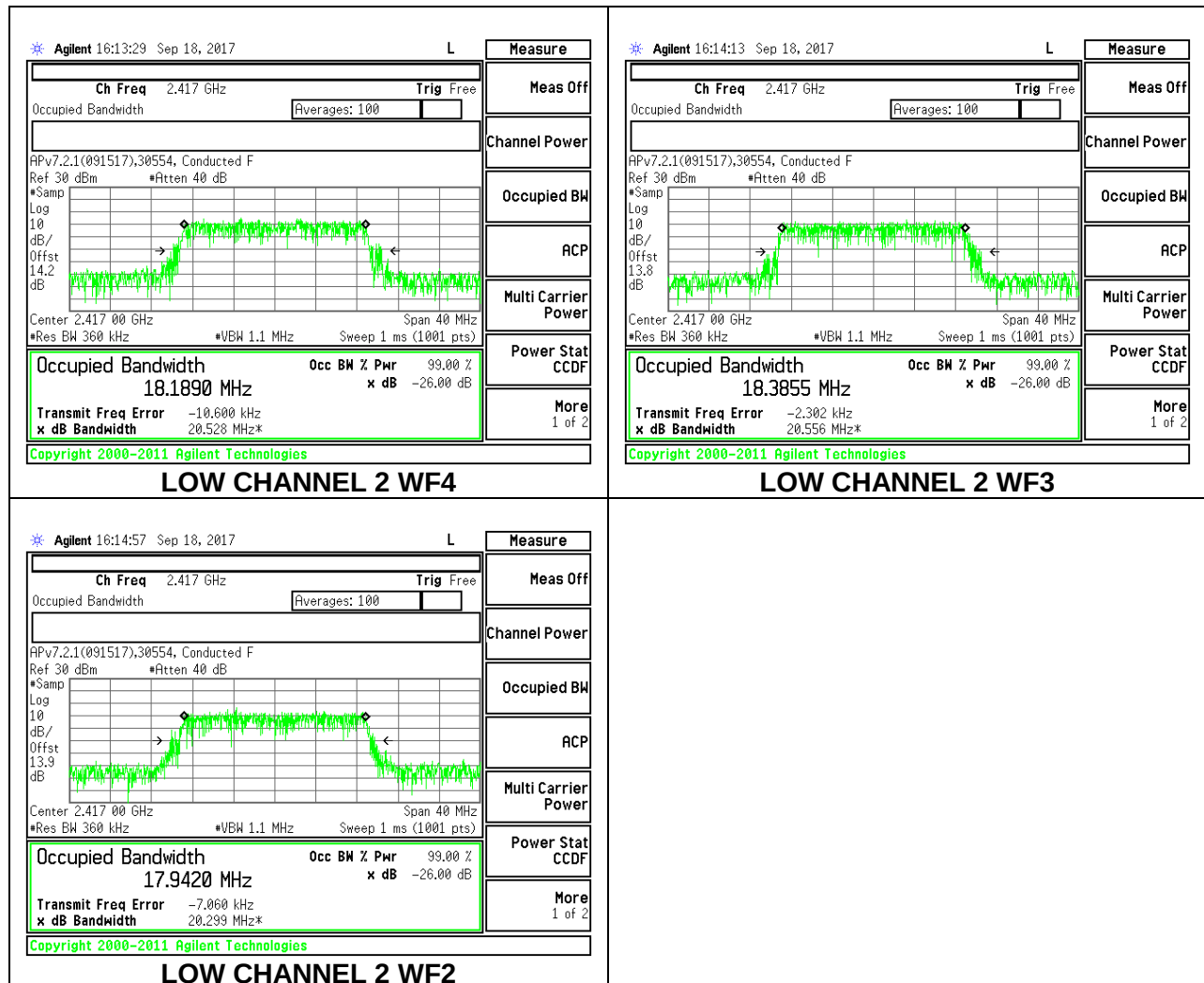
3TX Antenna WF4 + Antenna WF3 + Antenna WF2 CDD Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low 1	2412	18.6641	18.5817	18.3033
Low 2	2417	18.1890	18.3855	17.9420
Low 3	2422	18.6345	18.3654	18.6379
Low 4	2427	18.5796	18.3943	18.6250
Mid 6	2437	17.8031	17.8175	17.8536
High 8	2447	17.9755	17.9248	17.7287
High 9	2452	18.0441	18.6012	17.9392
High 10	2457	18.1002	17.9261	17.4838
High 11	2462	18.0003	17.6000	17.8402
High 12	2467	18.0507	17.9680	18.3298
High 13	2472	17.9759	17.5987	17.7592

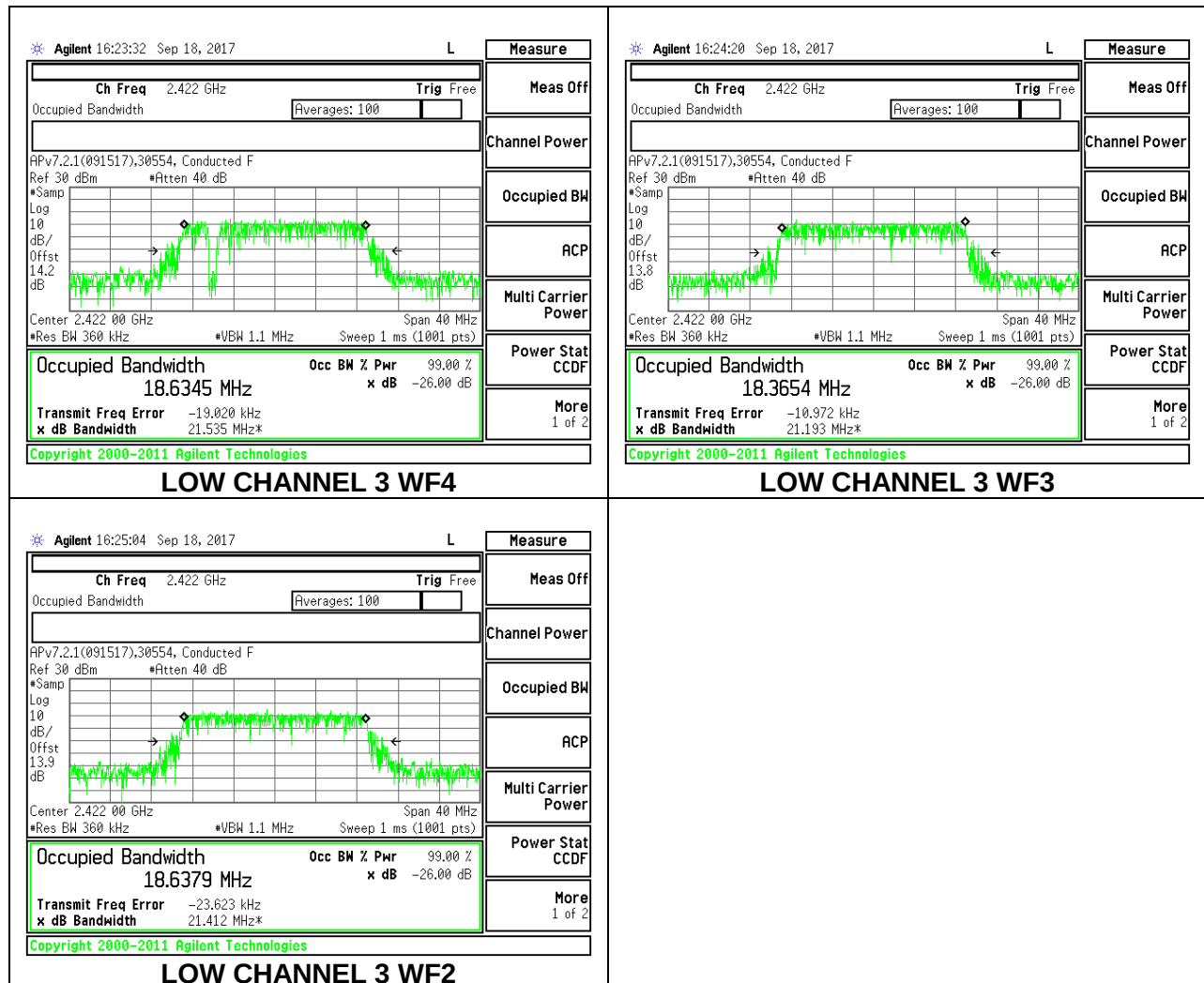
LOW CHANNEL 1



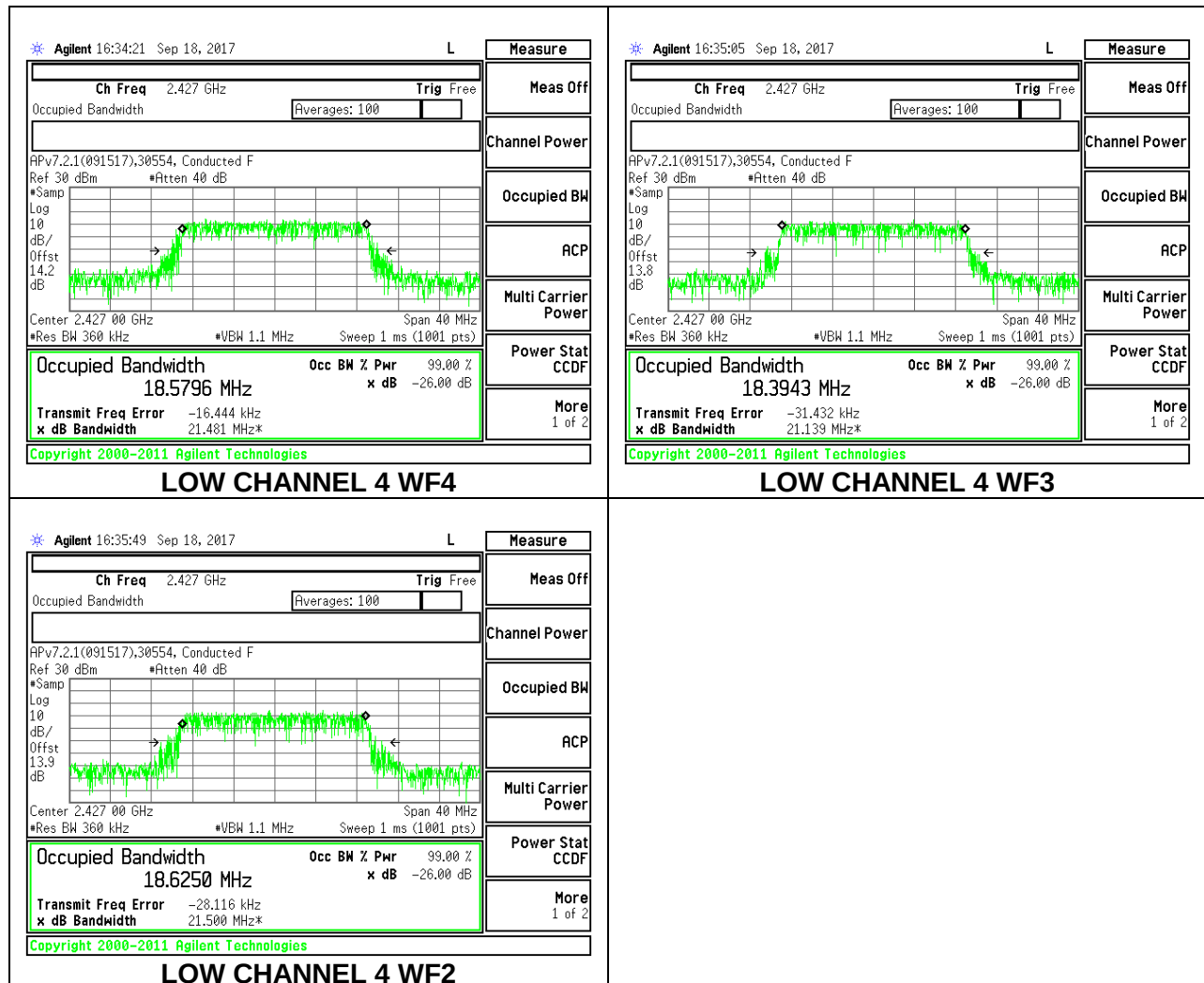
LOW CHANNEL 2



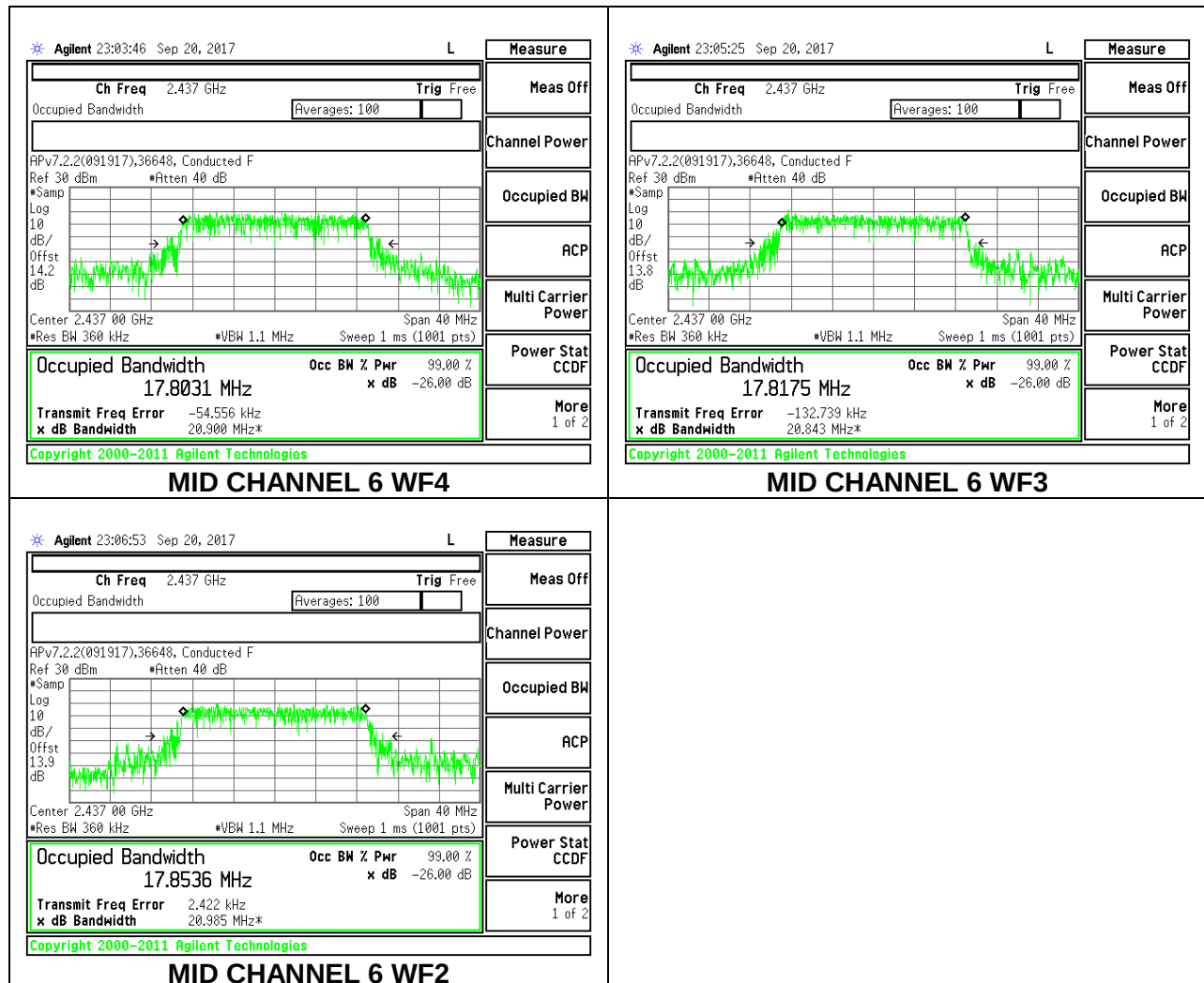
LOW CHANNEL 3



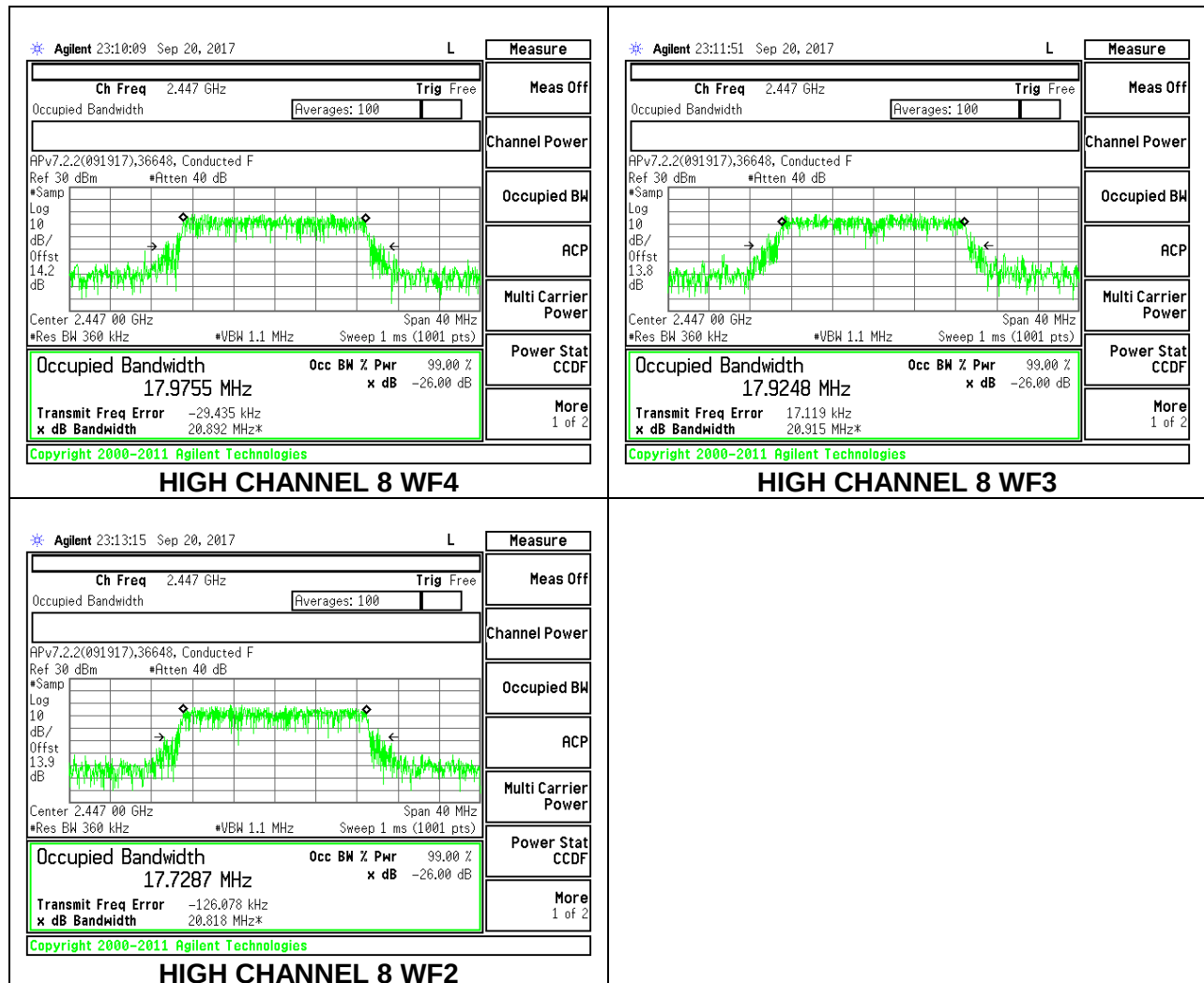
LOW CHANNEL 4



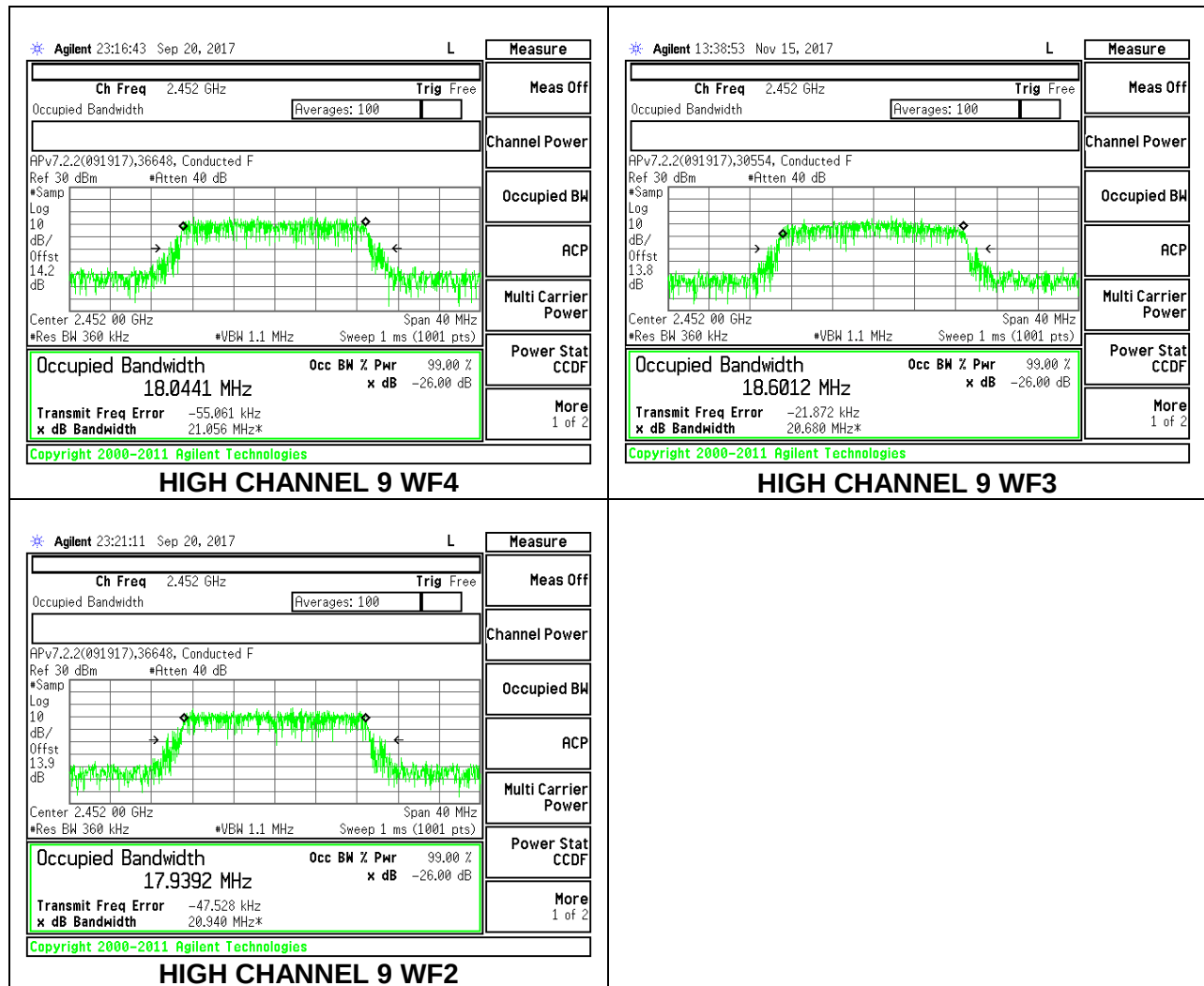
MID CHANNEL 6



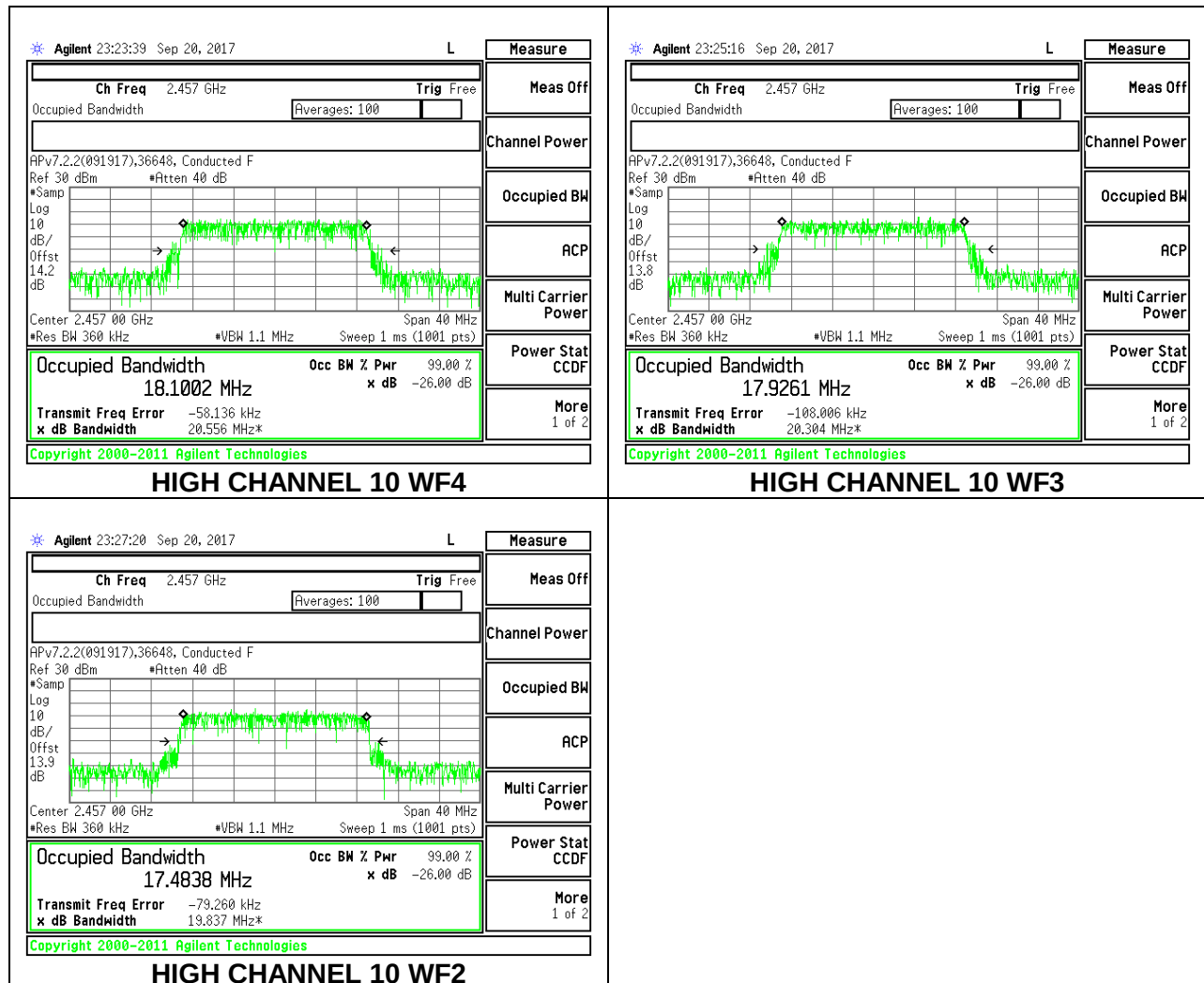
HIGH CHANNEL 8



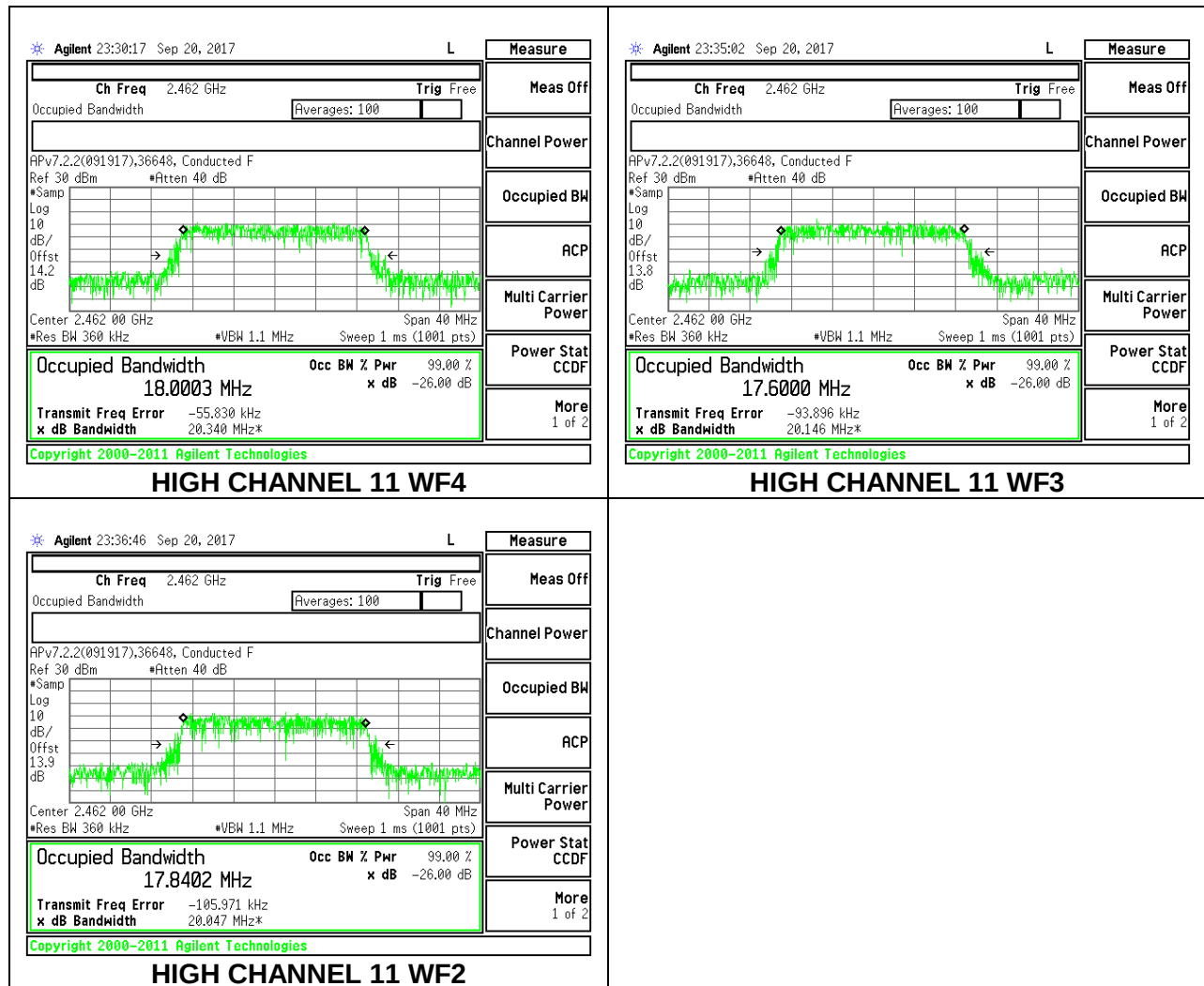
HIGH CHANNEL 9



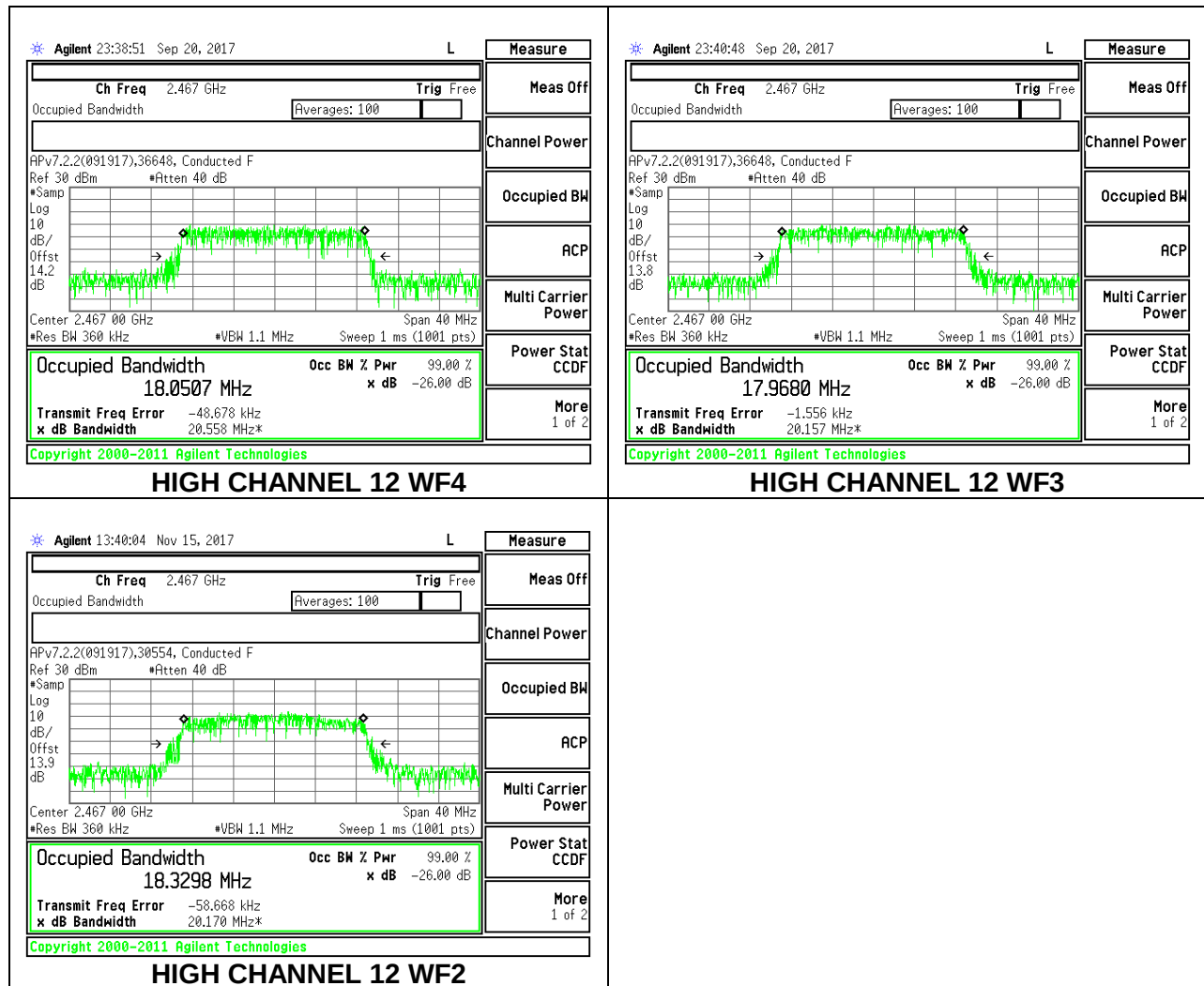
HIGH CHANNEL 10



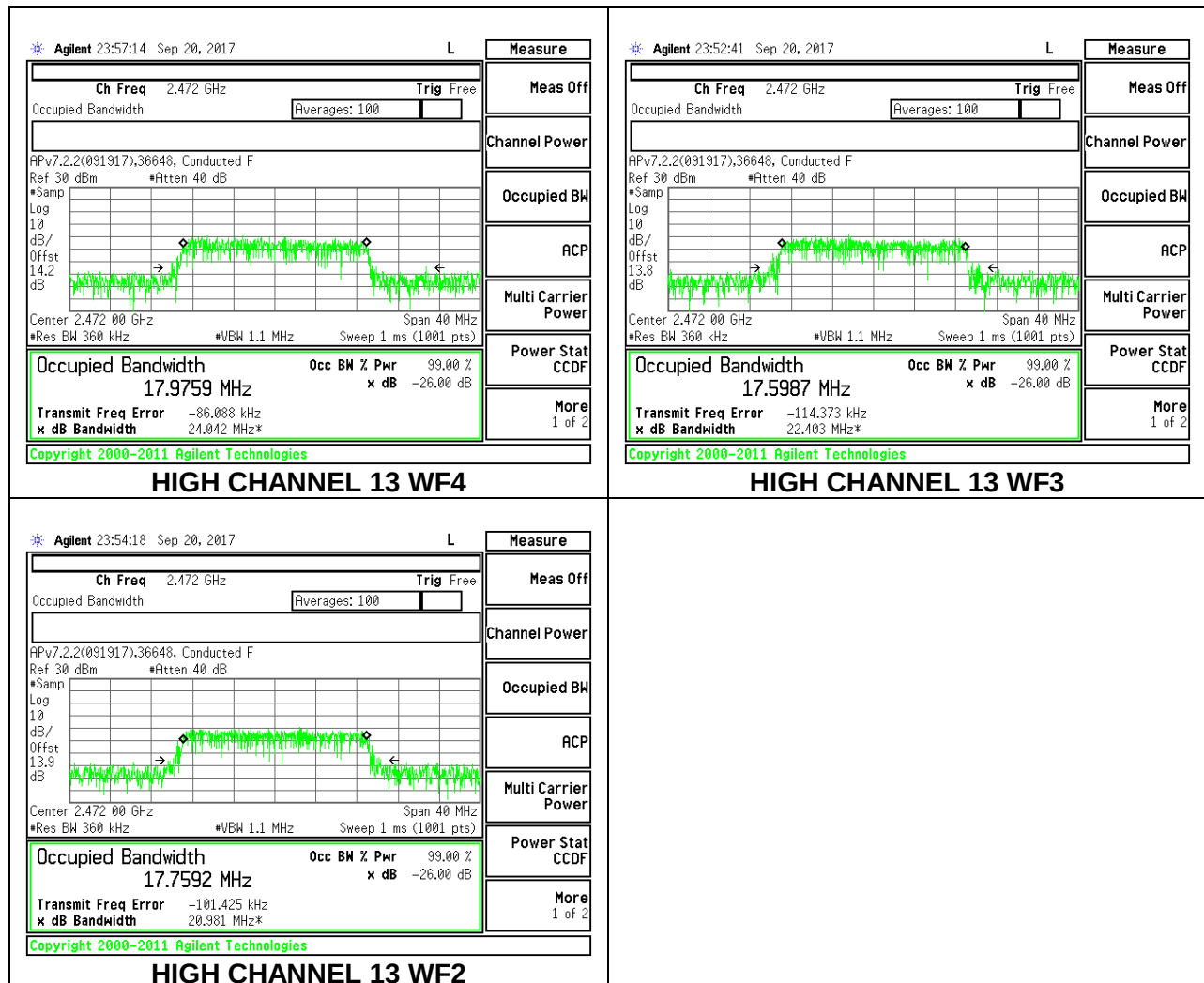
HIGH CHANNEL 11



HIGH CHANNEL 12



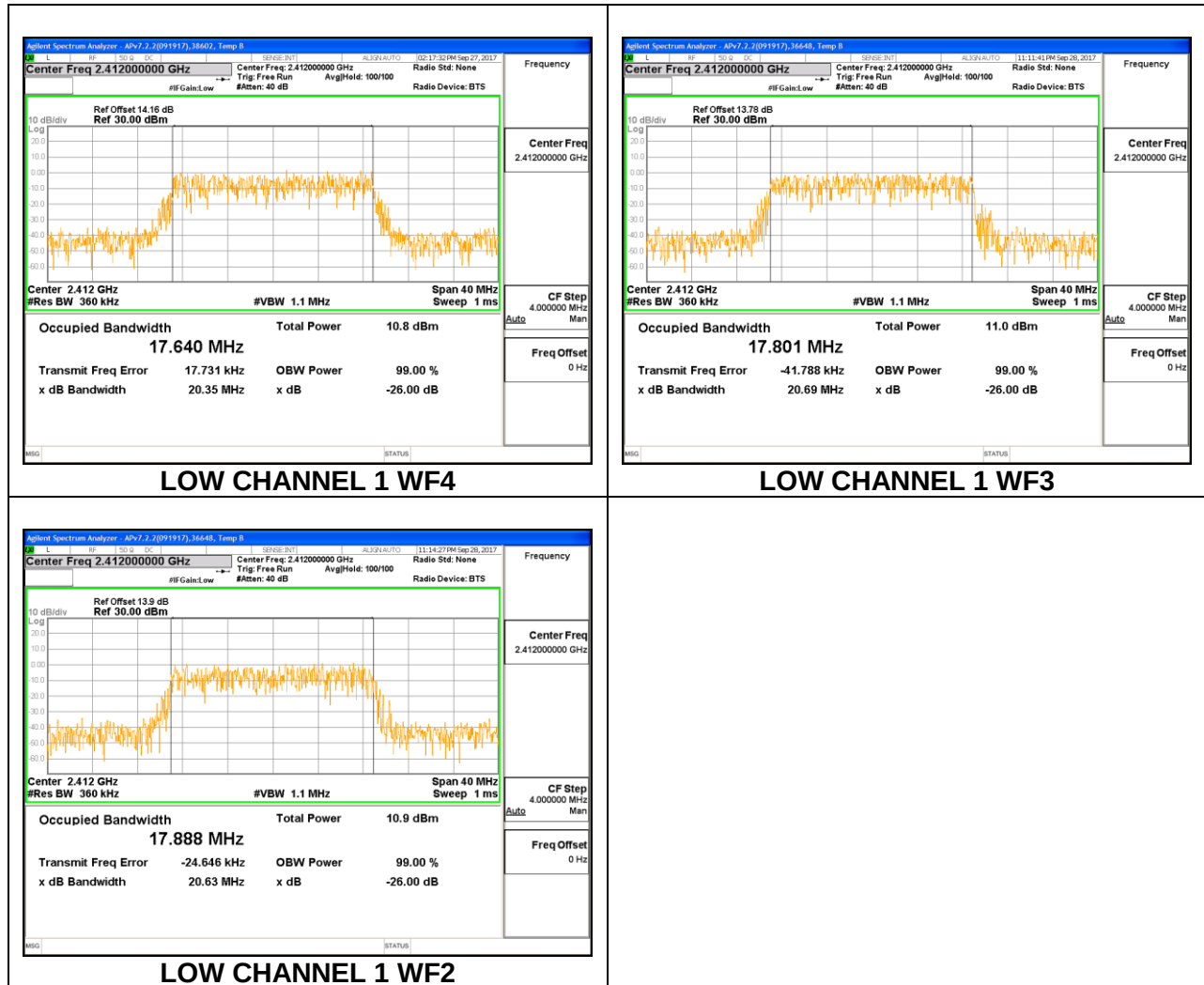
HIGH CHANNEL 13



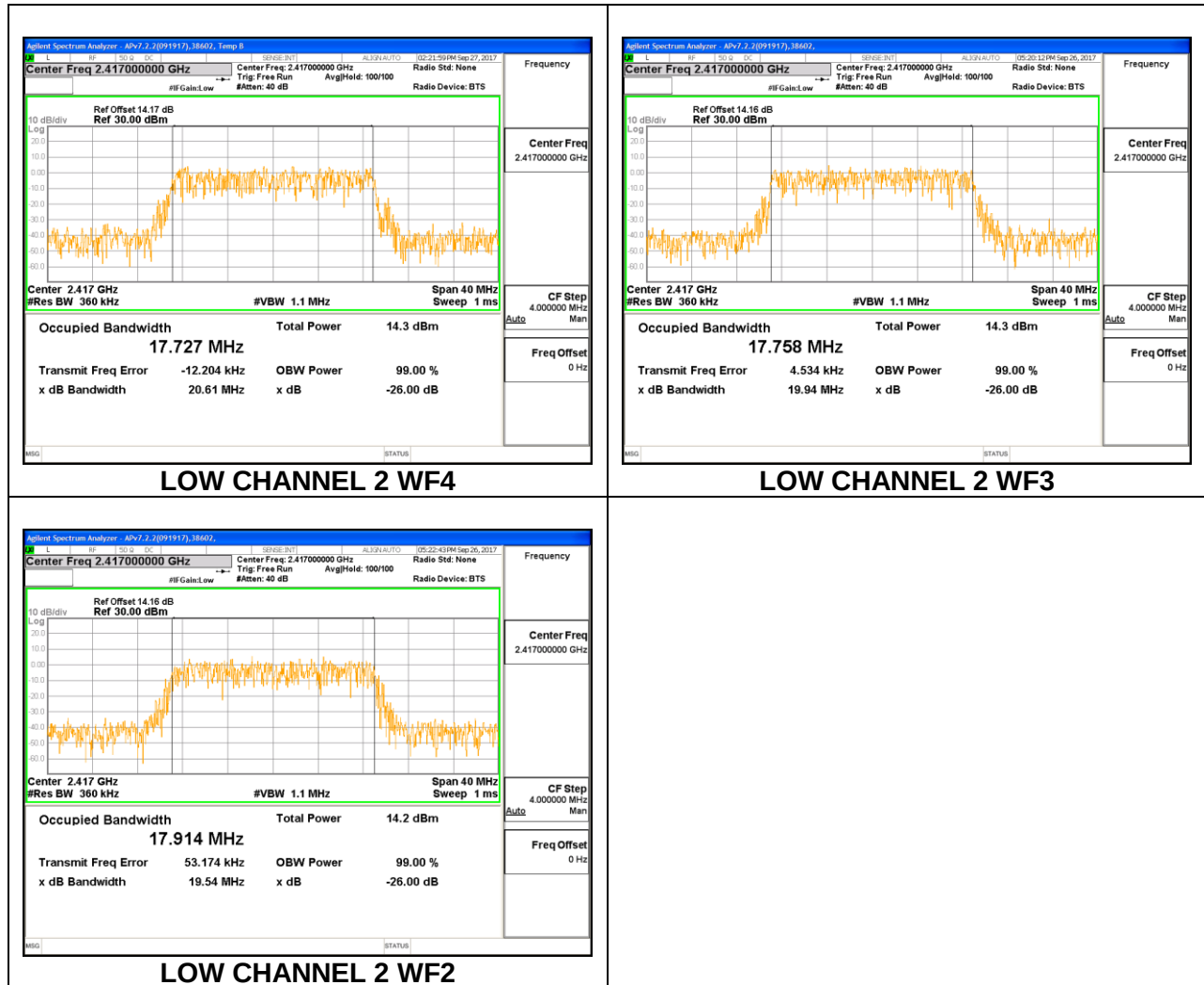
3TX Antenna WF4 + Antenna WF3 + Antenna WF2 BF Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low 1	2412	17.6400	17.8010	17.8880
Low 2	2417	17.7270	17.7580	17.9140
Low 3	2422	17.5920	17.7870	17.5720
Low 4	2427	17.7550	17.5830	17.7830
Low 5	2432	17.7750	17.6680	17.9720
Mid 6	2437	17.6820	17.8290	17.9250
High 7	2442	17.7420	17.8660	17.7480
High 8	2447	17.7480	17.7670	17.8880
High 9	2452	17.8550	17.9110	17.8060
High 10	2457	17.8410	17.7210	17.7350
High 11	2462	17.8070	17.7340	17.7020
High 12	2467	17.8570	17.6010	17.5950
High 13	2472	18.0730	17.9110	17.8770

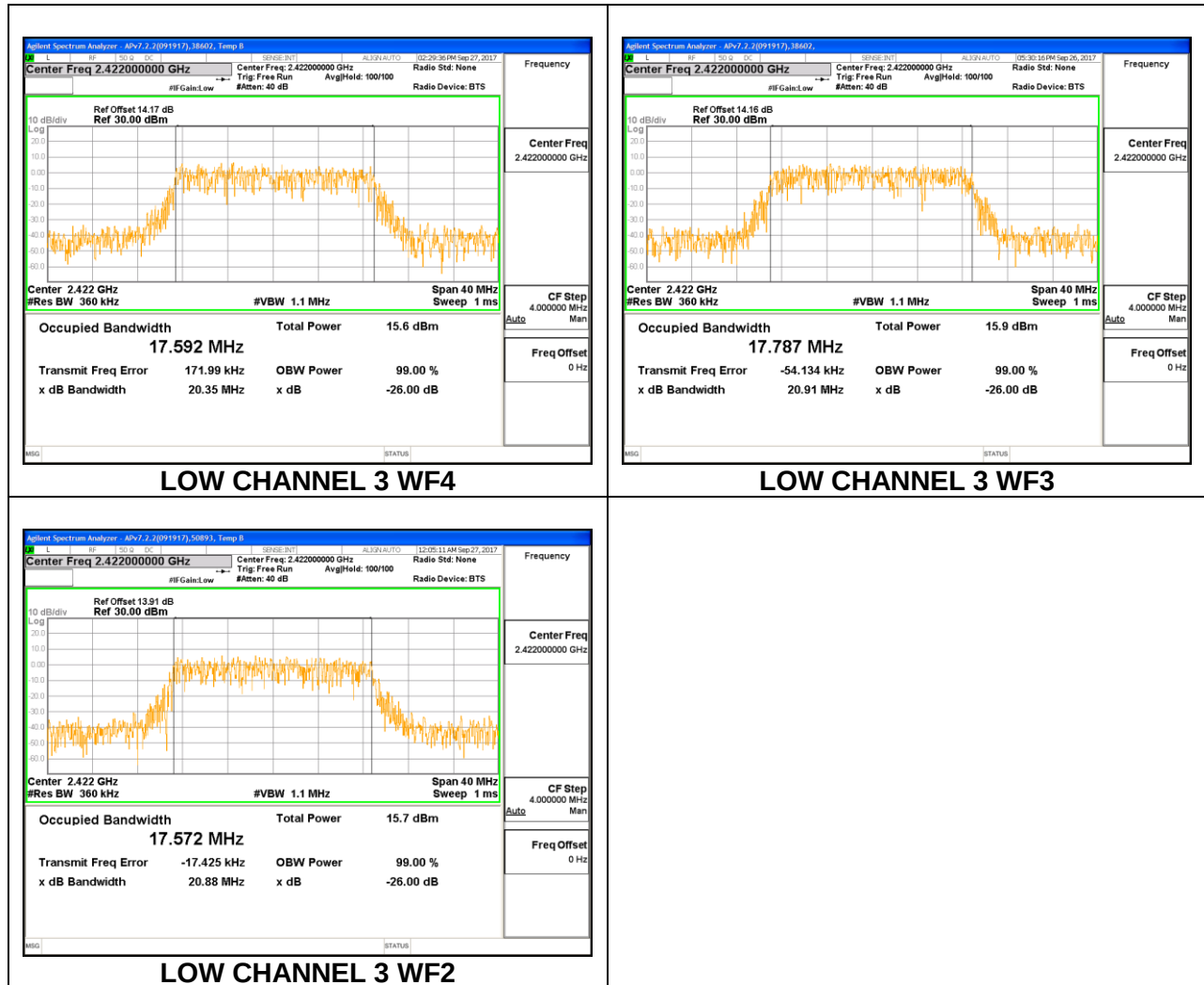
LOW CHANNEL 1



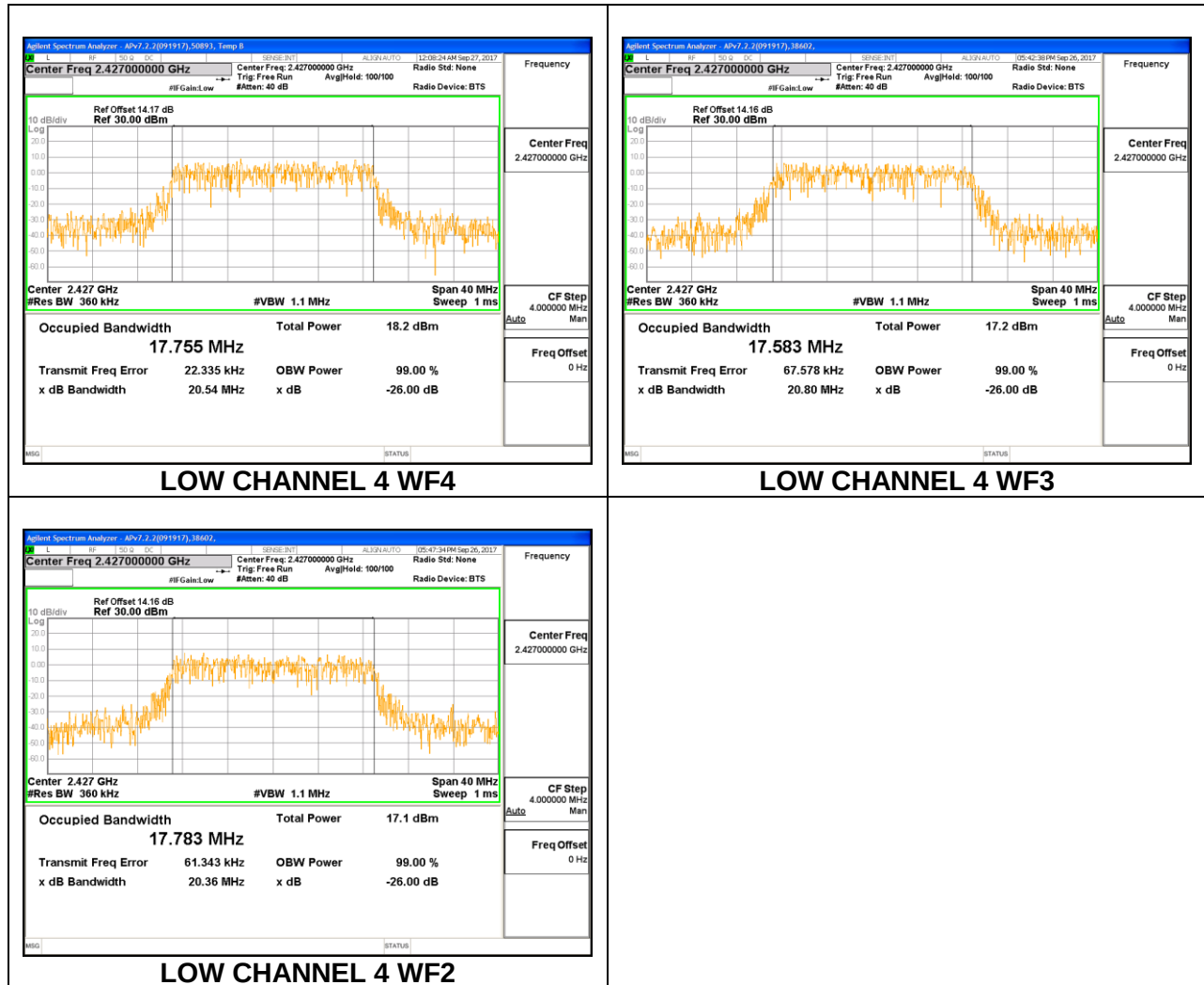
LOW CHANNEL 2



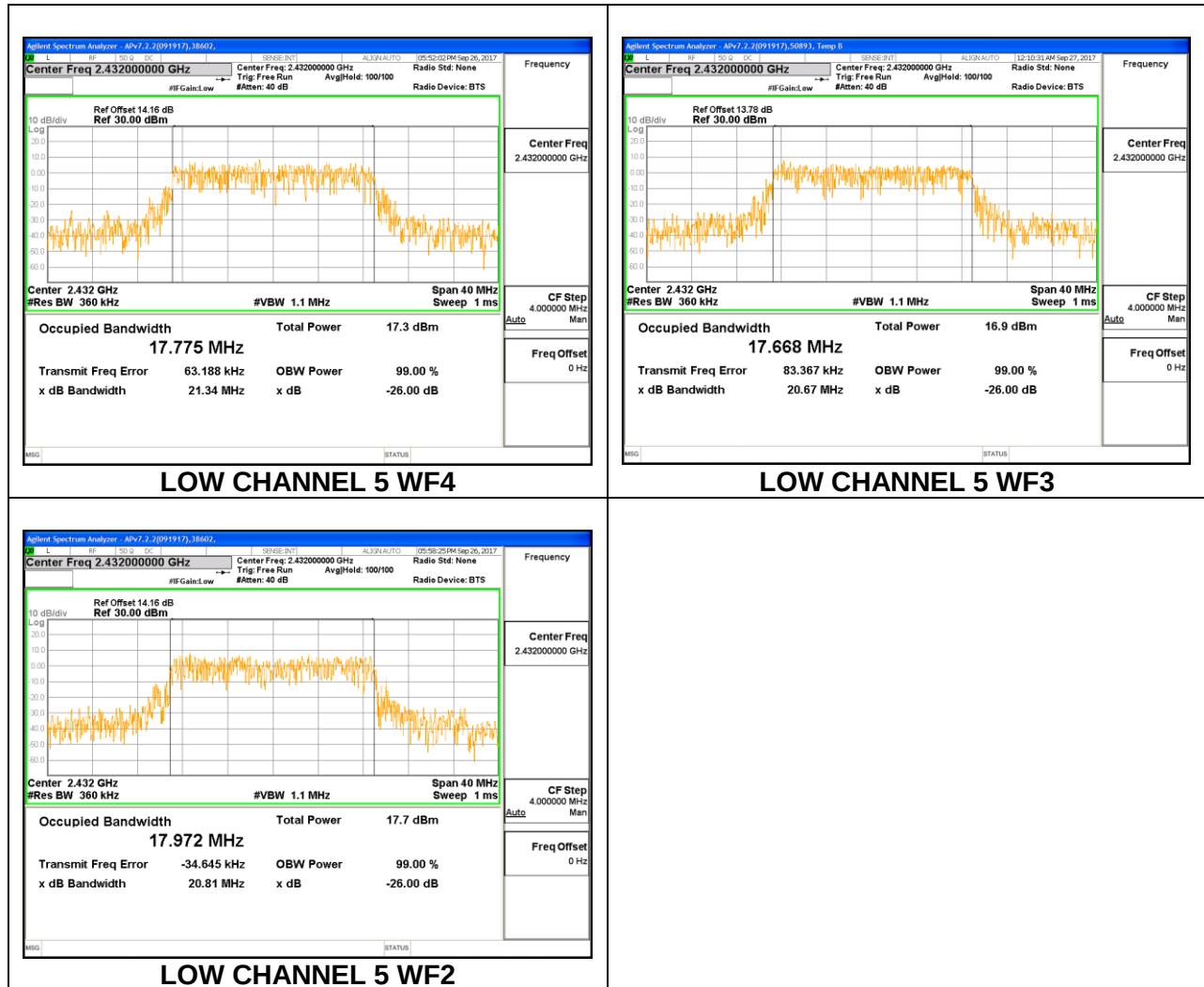
LOW CHANNEL 3



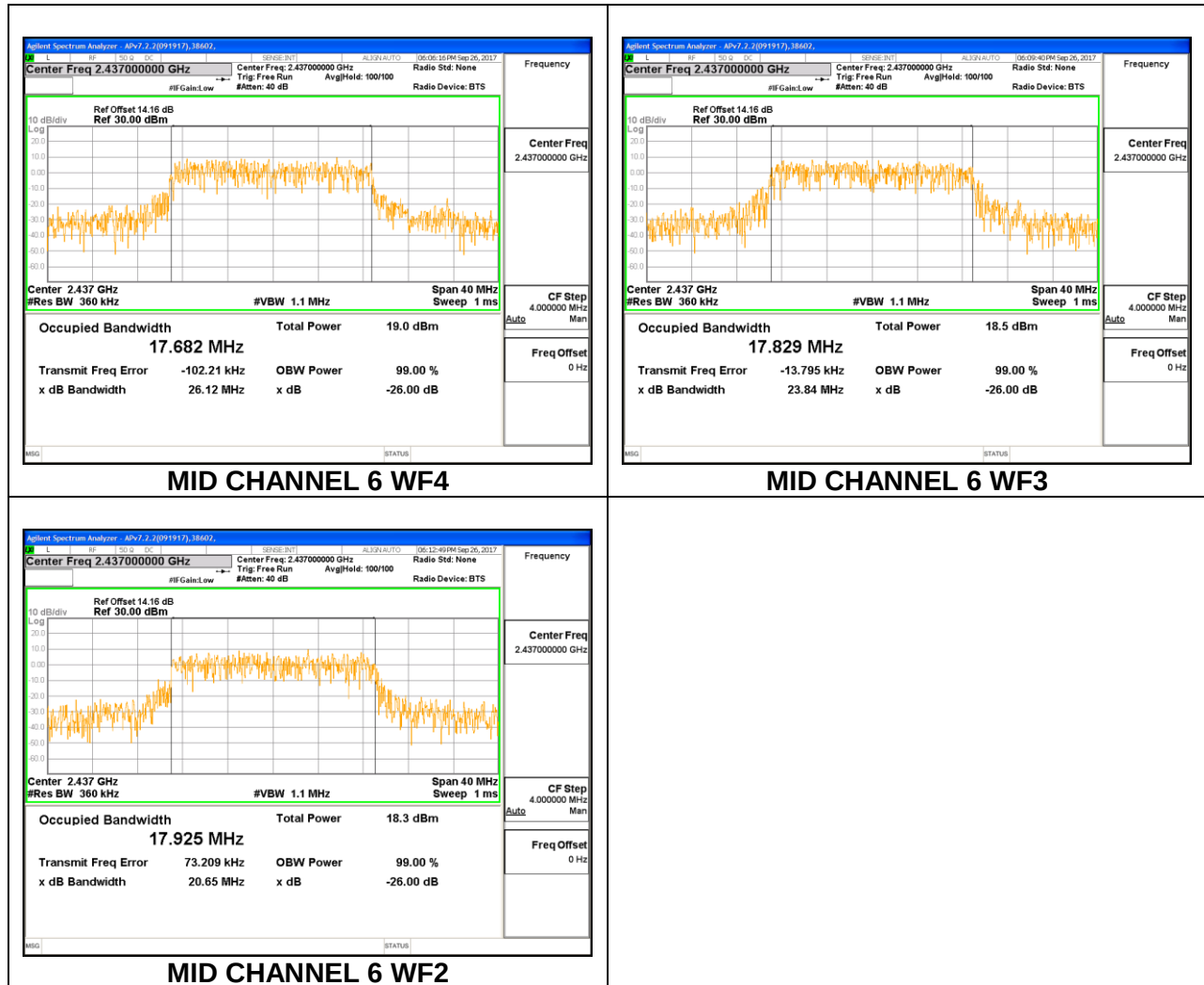
LOW CHANNEL 4



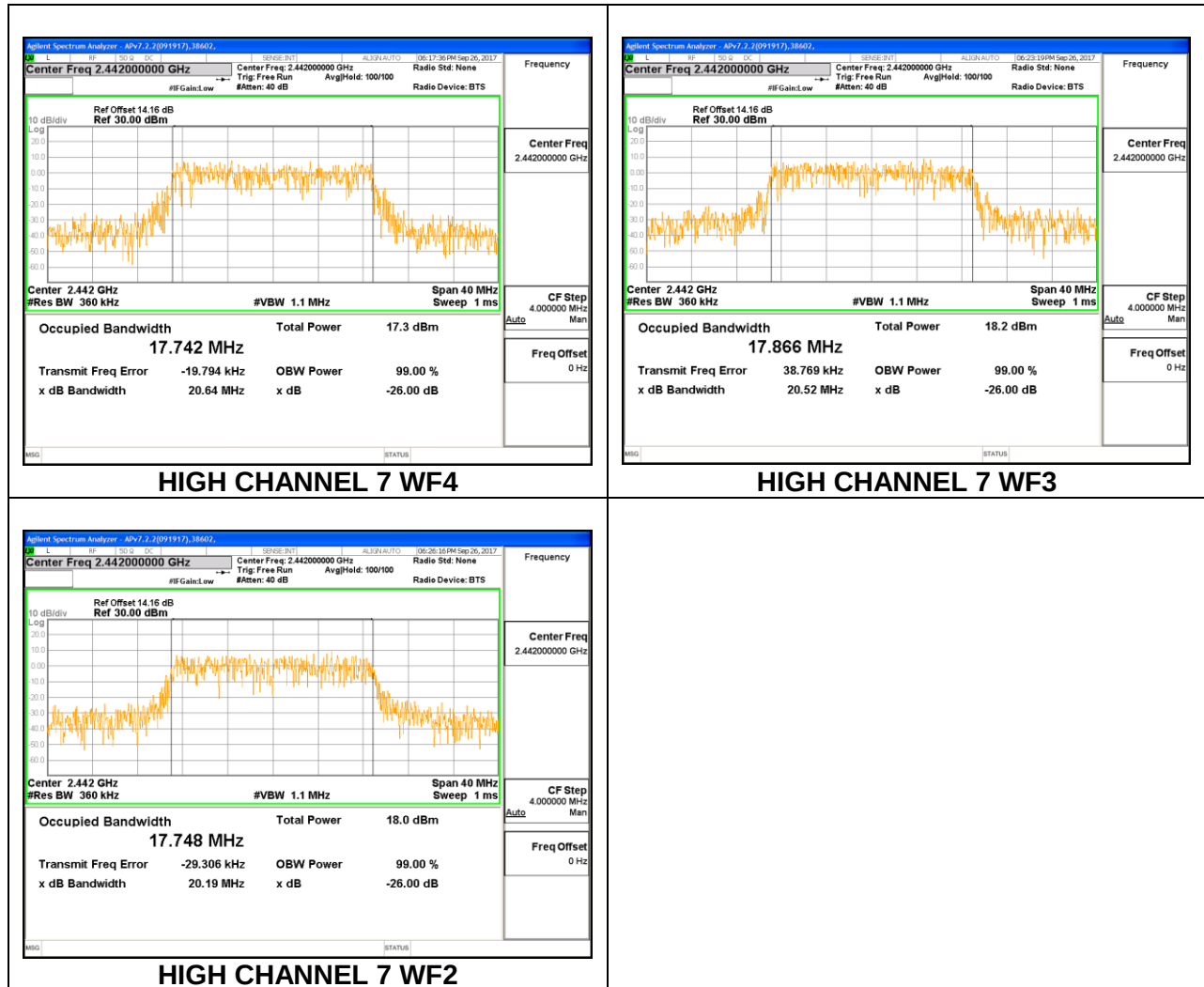
LOW CHANNEL 5



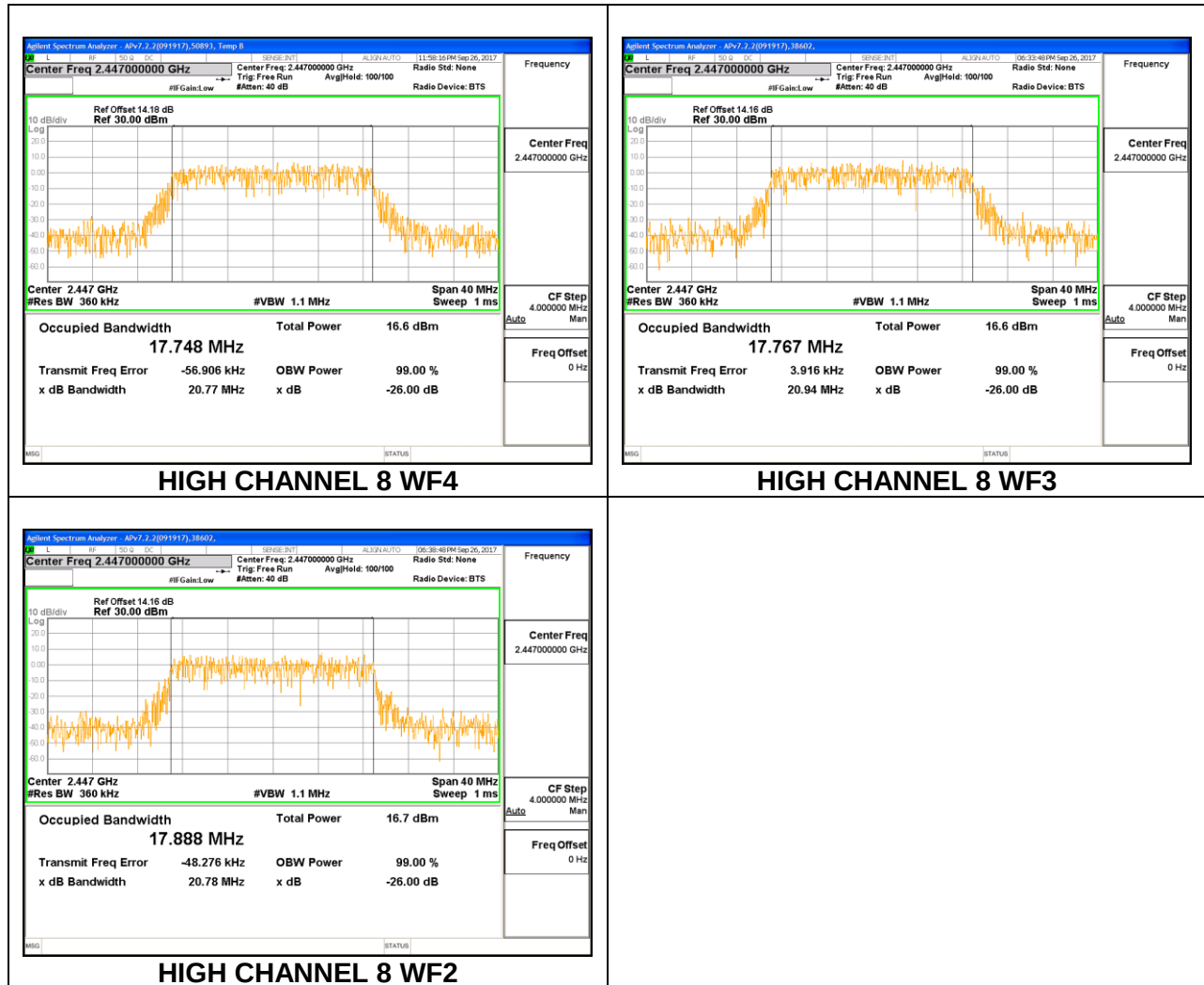
MID CHANNEL 6



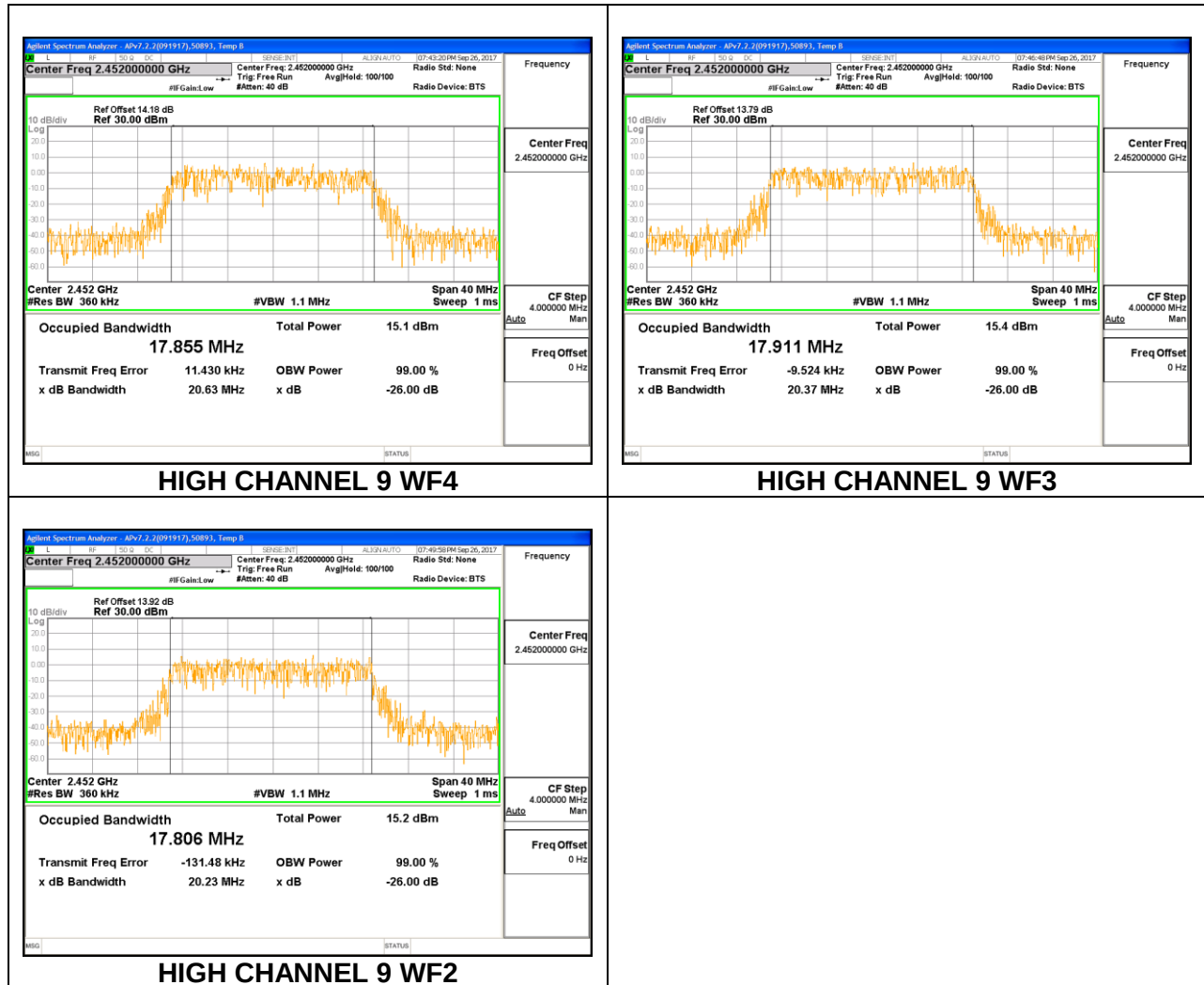
HIGH CHANNEL 7



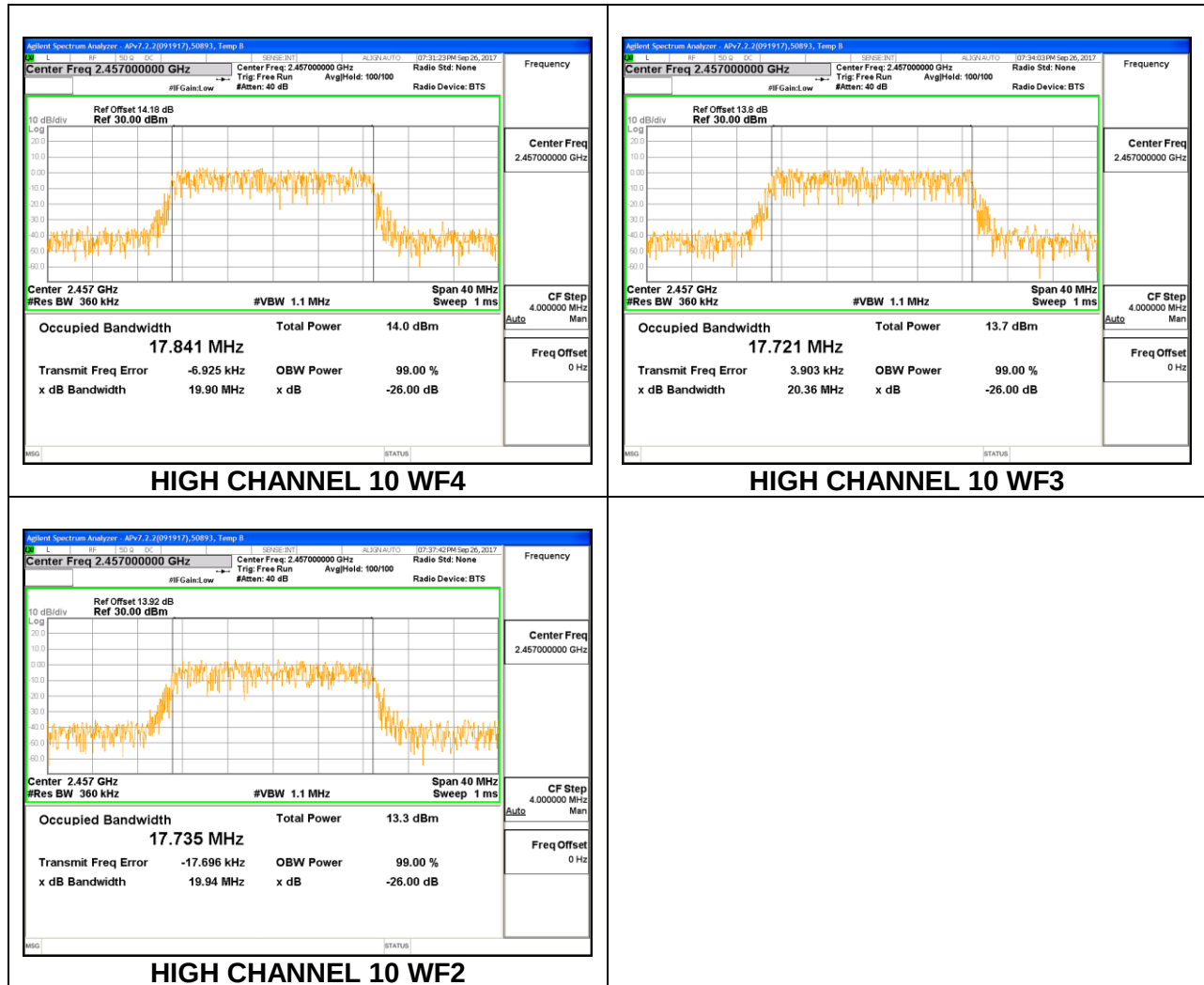
HIGH CHANNEL 8



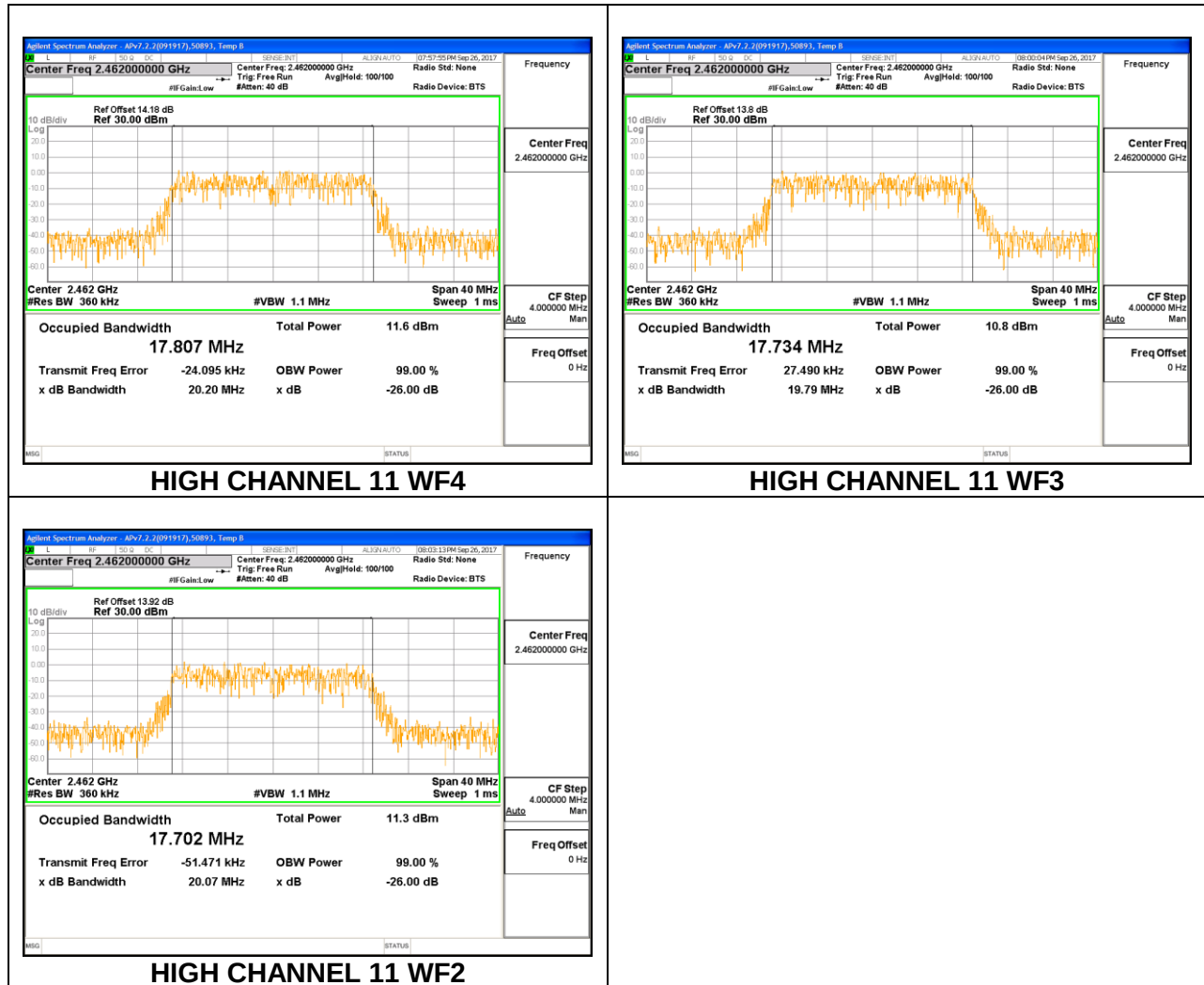
HIGH CHANNEL 9



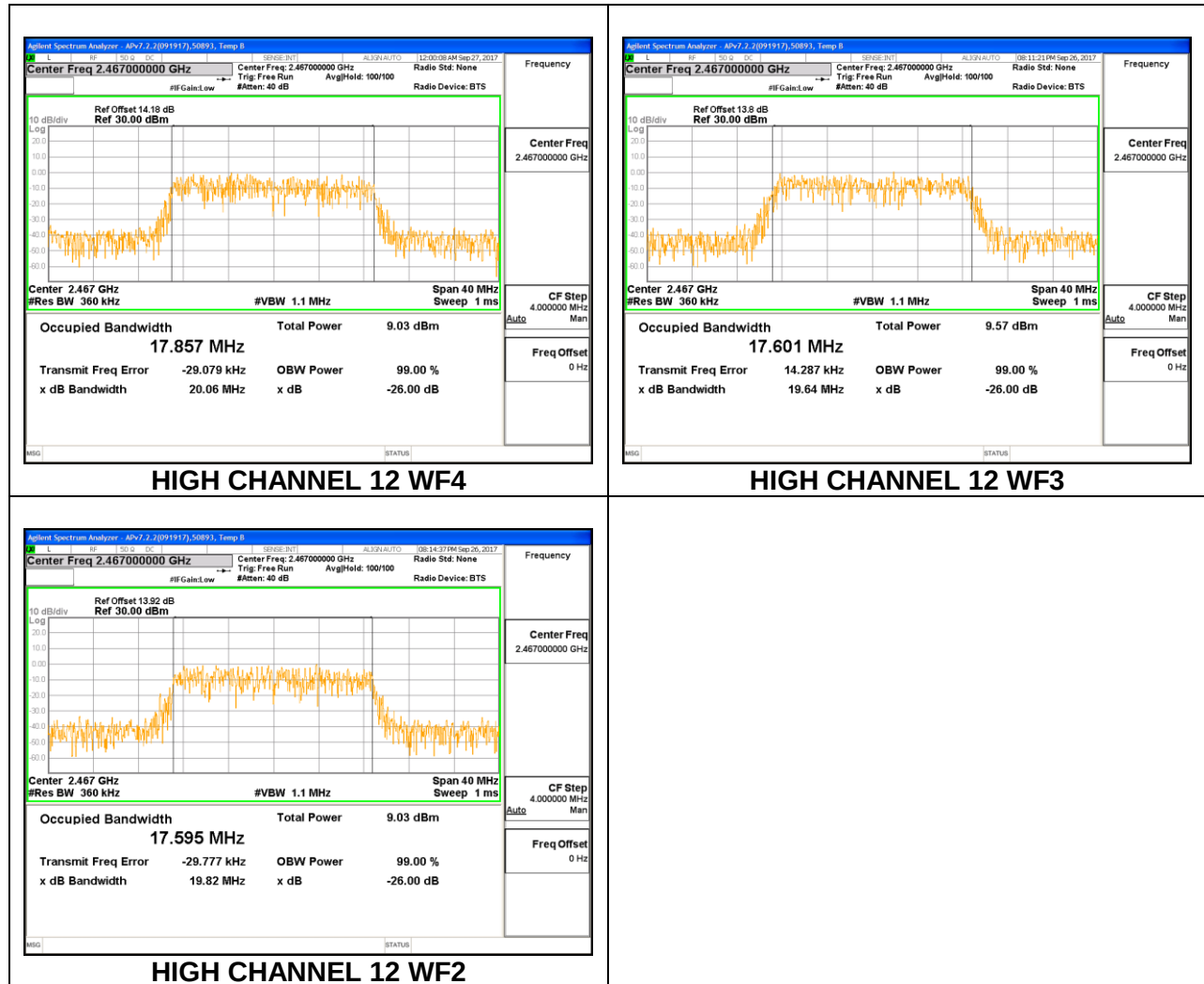
HIGH CHANNEL 10



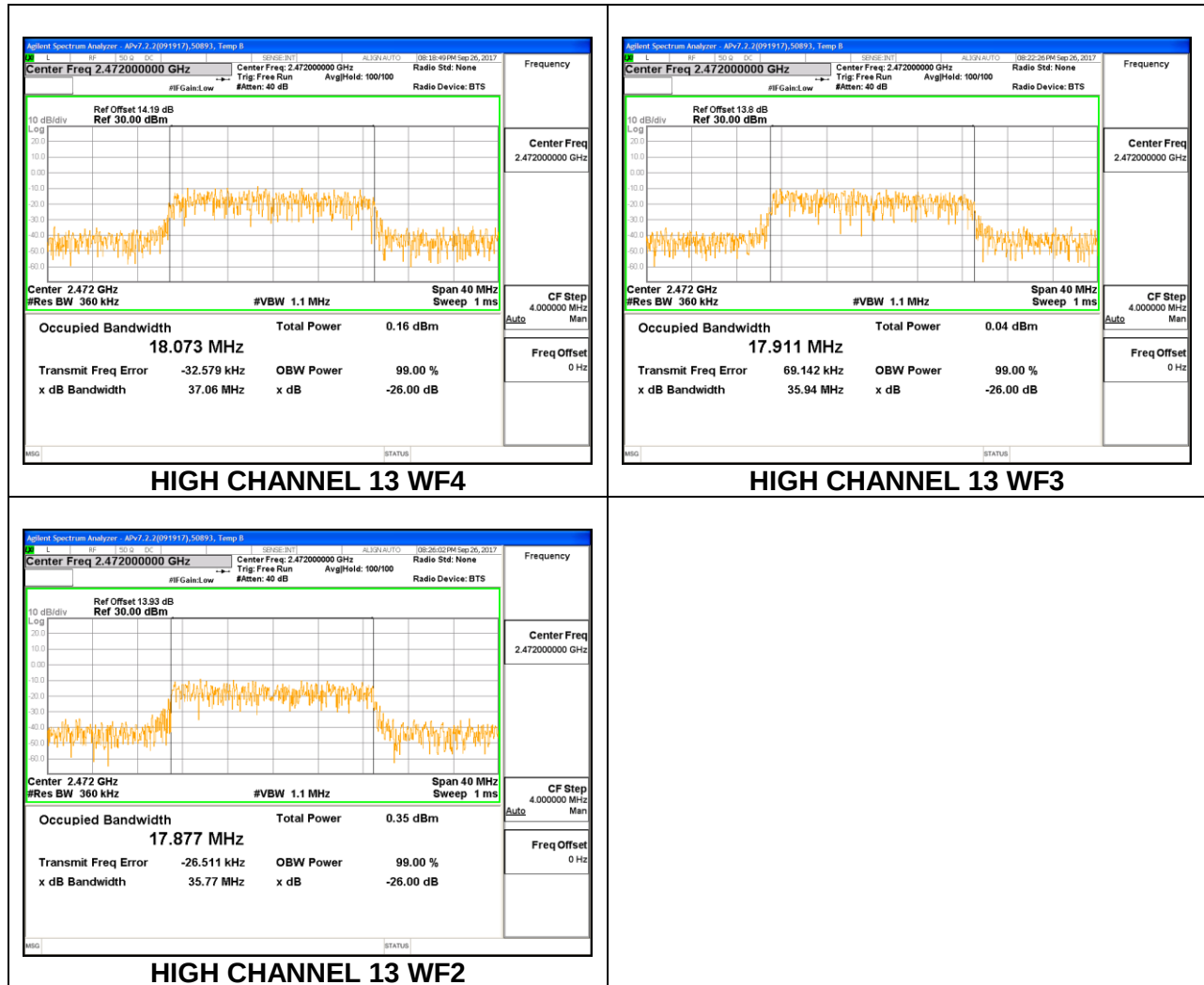
HIGH CHANNEL 11



HIGH CHANNEL 12



HIGH CHANNEL 13



4.3. 6 dB BANDWIDTH

LIMITS

FCC §15.407
IC RSS-247 6.2.4

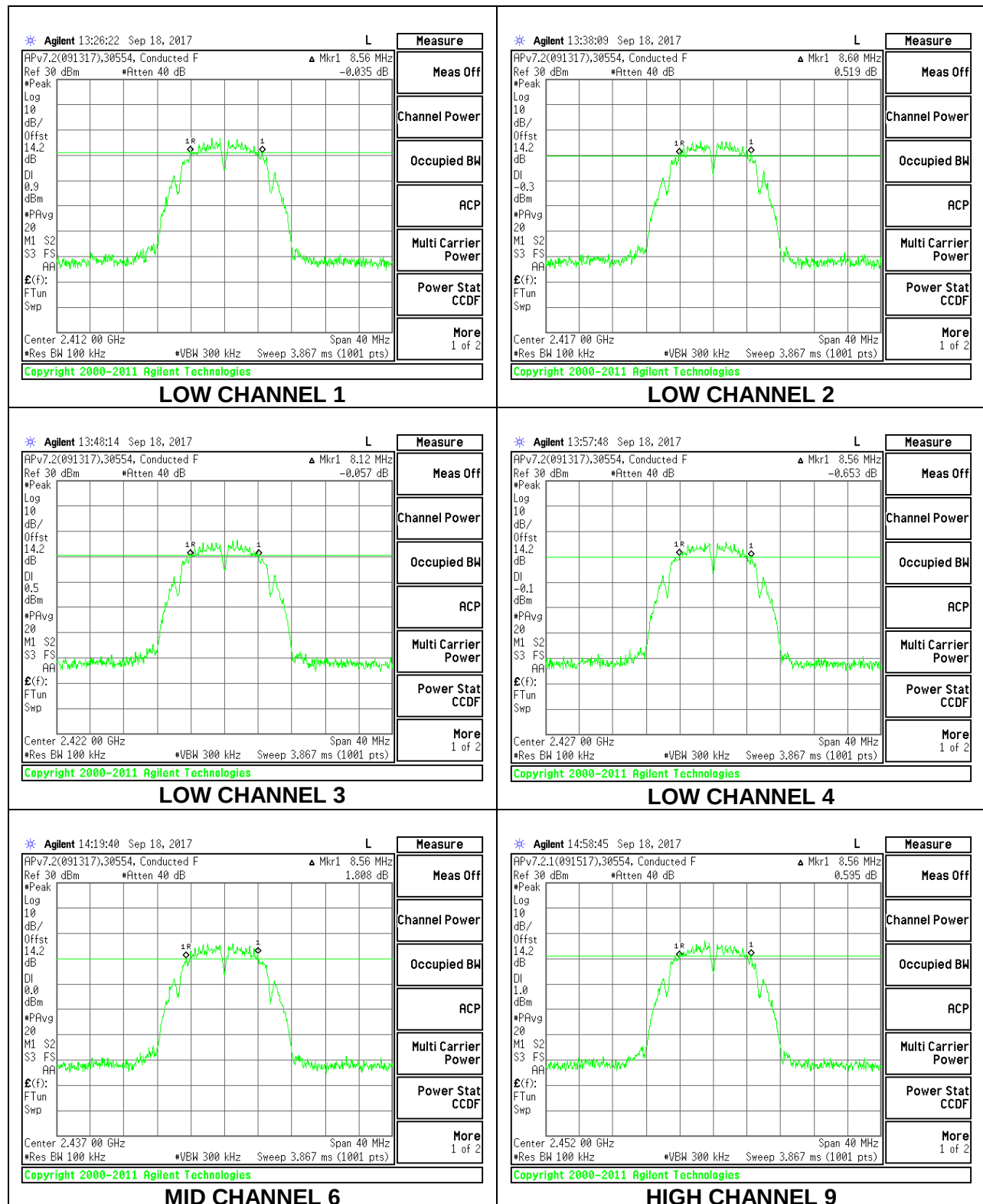
The minimum 6 dB bandwidth shall be at least 500 kHz.

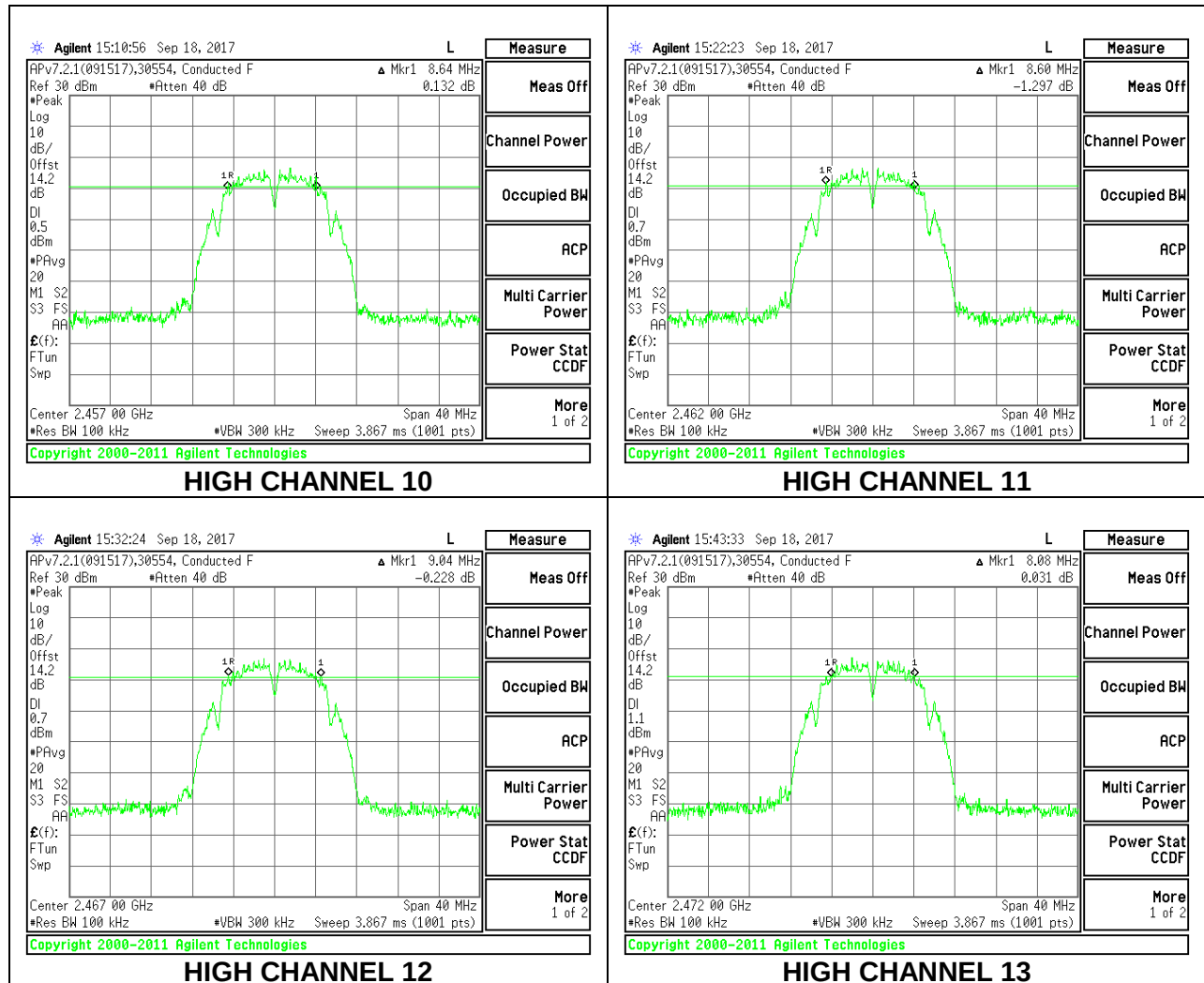
RESULTS

4.3.1. 802.11b MODE

1TX Antenna WF4

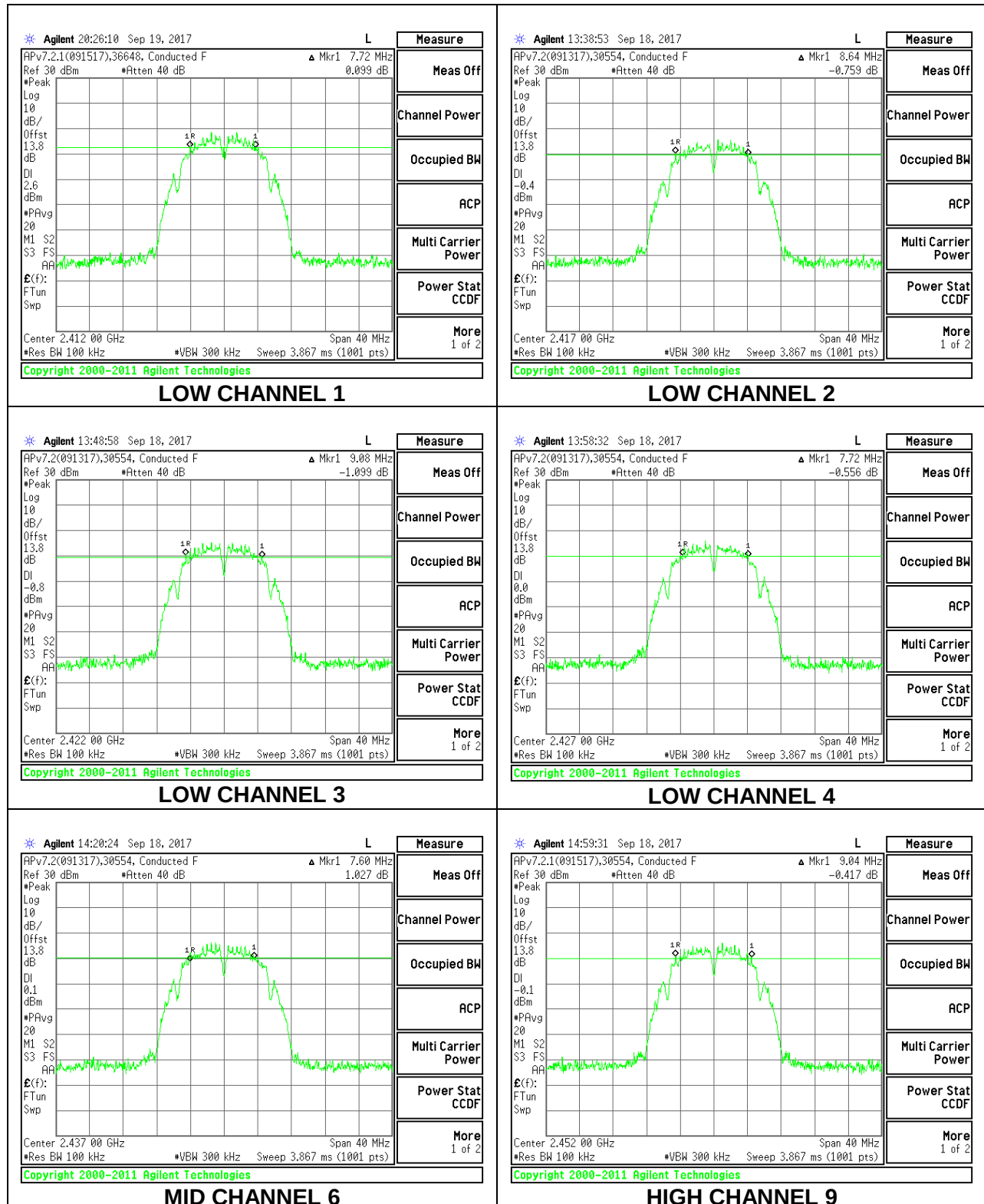
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low 1	2412	8.56	0.5
Low 2	2417	8.60	0.5
Low 3	2422	8.12	0.5
Low 4	2427	8.56	0.5
Mid 6	2437	8.56	0.5
High 9	2452	8.56	0.5
High 10	2457	8.64	0.5
High 11	2462	8.60	0.5
High 12	2467	9.04	0.5
High 13	2472	8.08	0.5

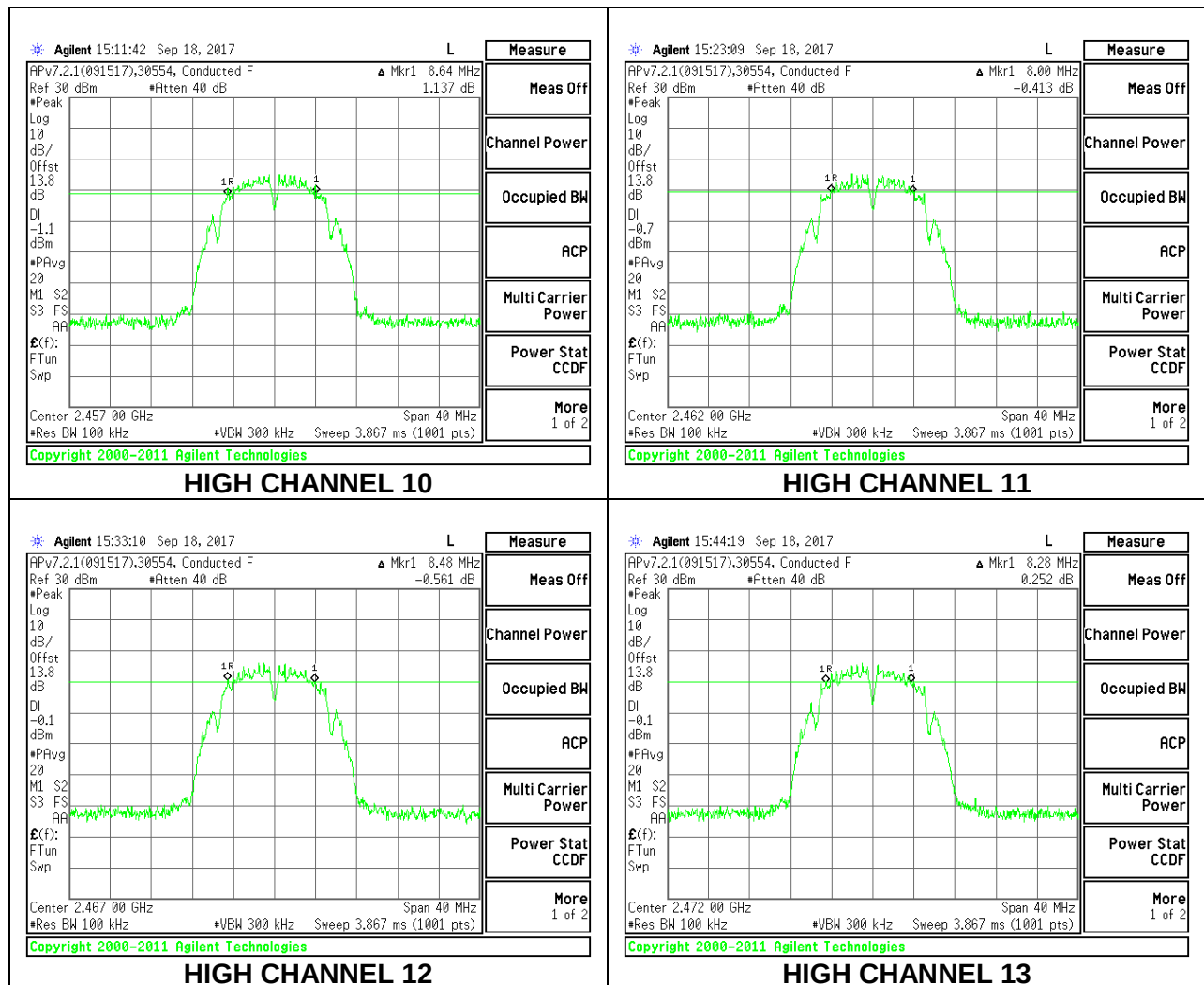




1TX Antenna WF3

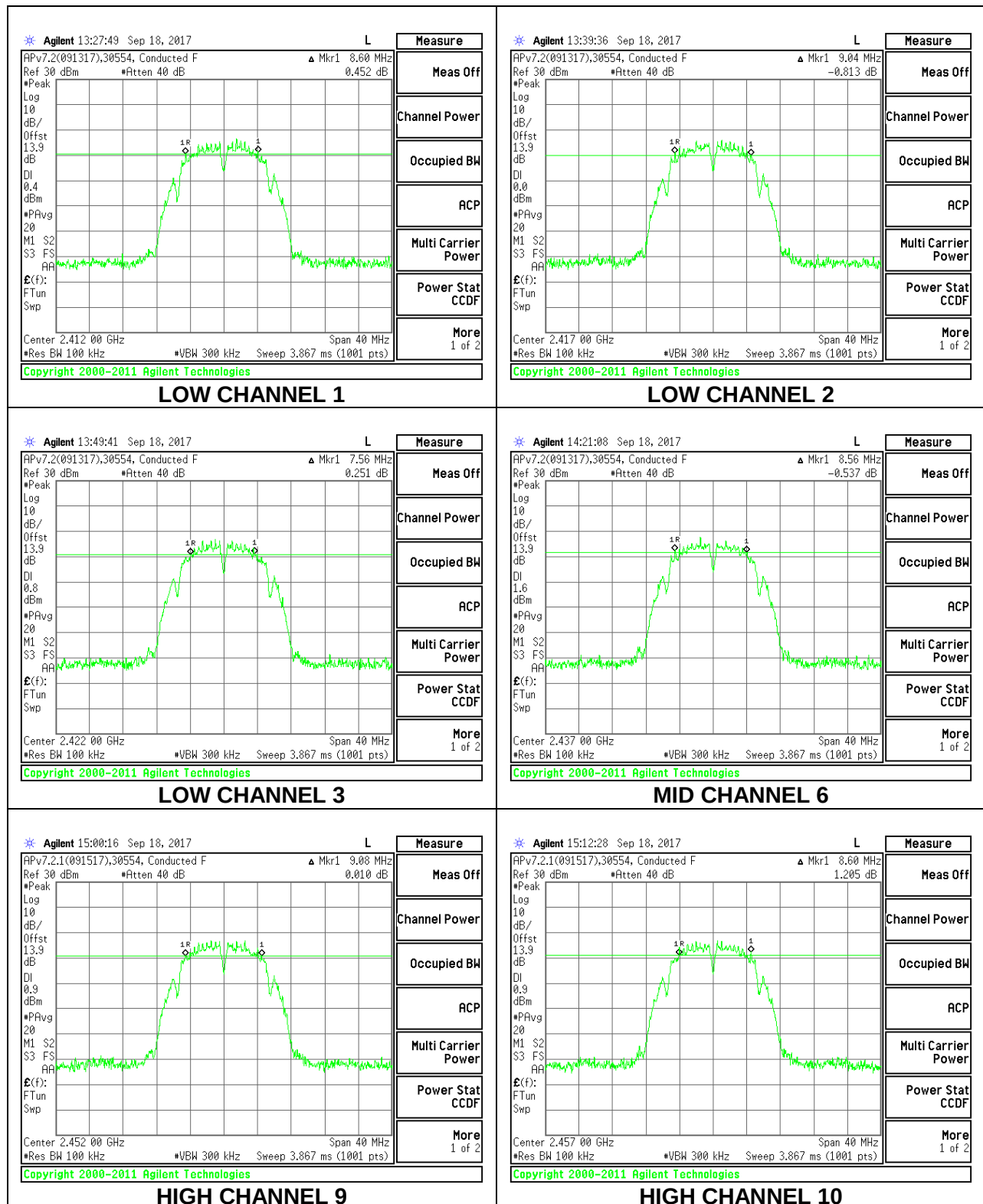
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low 1	2412	7.72	0.5
Low 2	2417	8.64	0.5
Low 3	2422	9.08	0.5
Low 4	2427	7.72	0.5
Mid 6	2437	7.60	0.5
High 9	2452	9.04	0.5
High 10	2457	8.64	0.5
High 11	2462	8.00	0.5
High 12	2467	8.48	0.5
High 13	2472	8.28	0.5

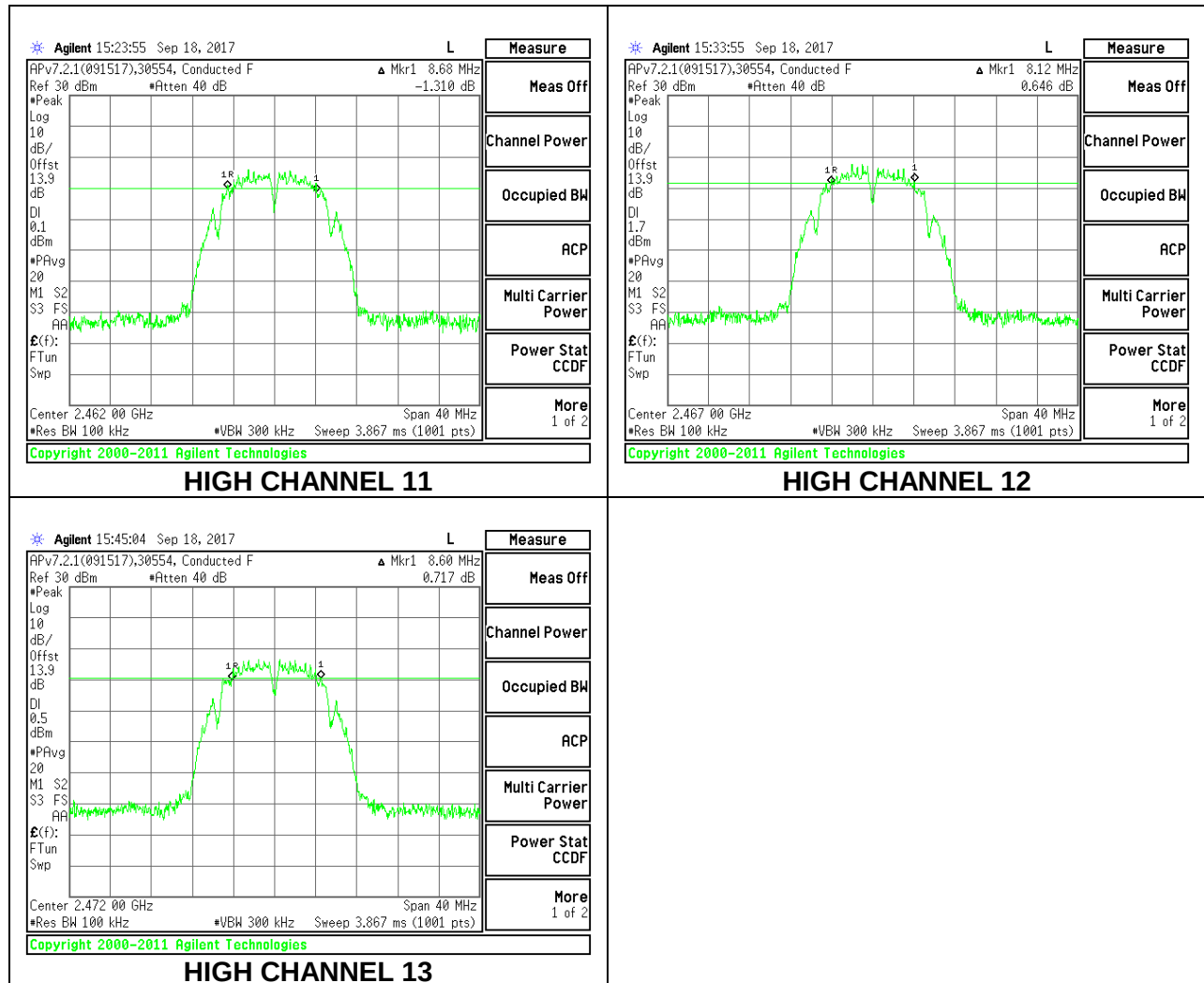




1TX Antenna WF2

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low 1	2412	8.60	0.5
Low 2	2417	9.04	0.5
Low 3	2422	7.56	0.5
Mid 6	2437	8.56	0.5
High 9	2452	9.08	0.5
High 10	2457	8.60	0.5
High 11	2462	8.68	0.5
High 12	2467	8.12	0.5
High 13	2472	8.60	0.5

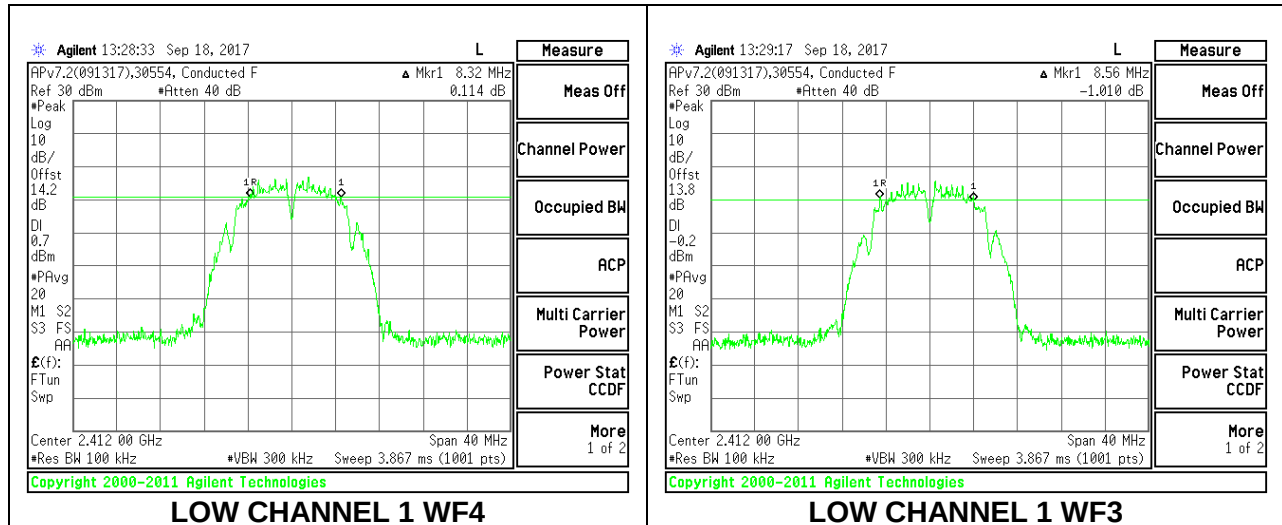




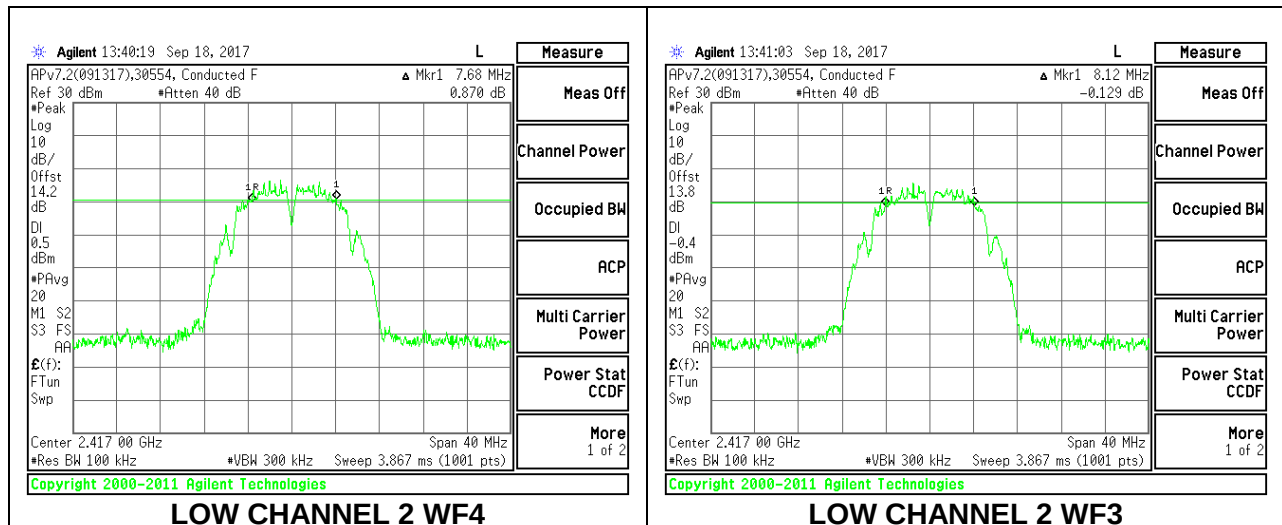
2TX Antenna WF4 + Antenna WF3 CDD mode

Channel	Frequency (MHz)	6 dB BW WF4 (MHz)	6 dB BW WF3 (MHz)	Minimum Limit (MHz)
Low 1	2412	8.32	8.56	0.5
Low 2	2417	7.68	8.12	0.5
Low 3	2422	9.00	8.20	0.5
Low 4	2427	9.04	8.60	0.5
Mid 6	2437	8.68	8.64	0.5
High 8	2447	8.56	8.56	0.5
High 9	2452	8.60	8.56	0.5
High 10	2457	8.12	8.12	0.5
High 11	2462	8.60	9.00	0.5
High 12	2467	8.12	8.60	0.5
High 13	2472	8.08	8.60	0.5

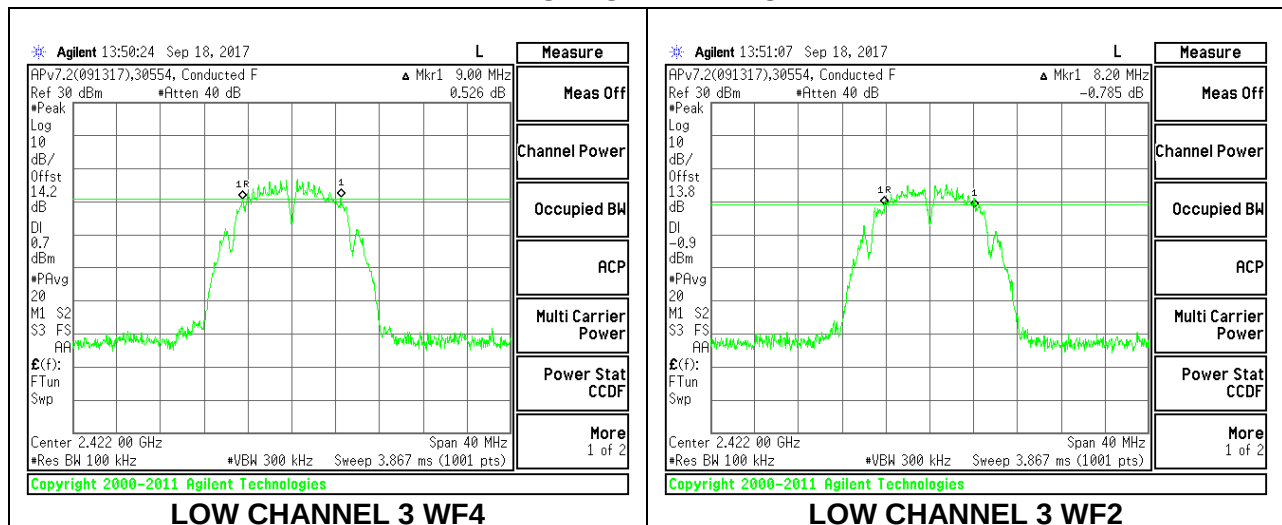
LOW CHANNEL 1



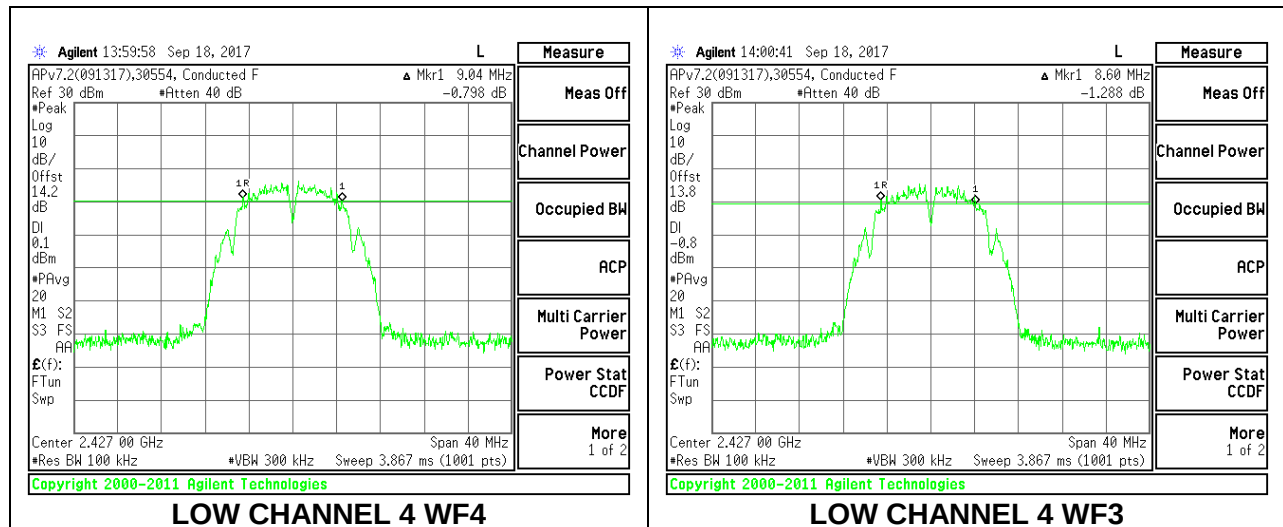
LOW CHANNEL 2



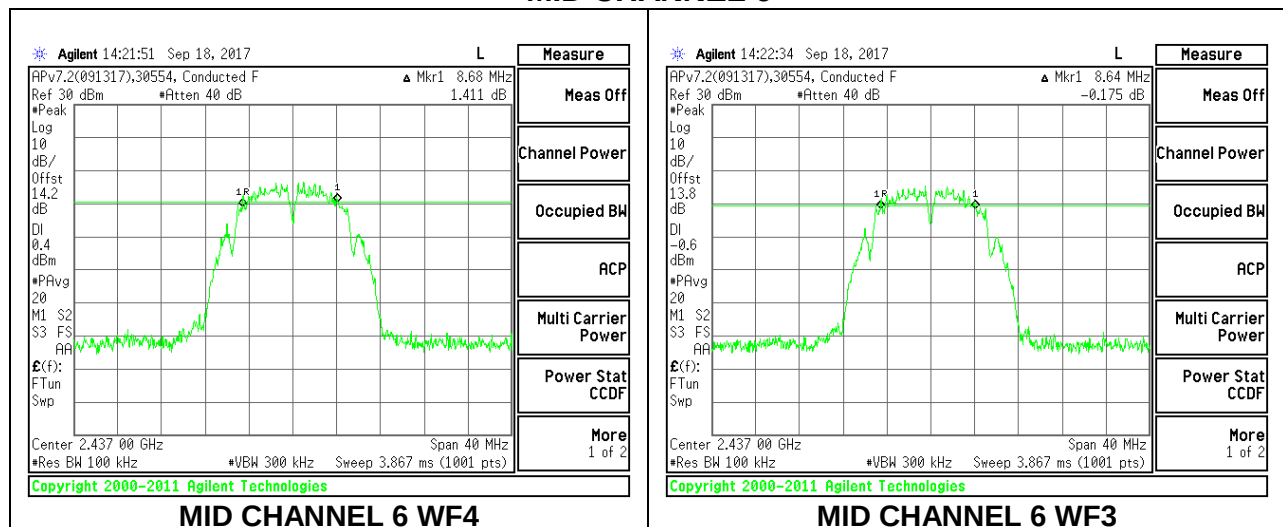
LOW CHANNEL 3



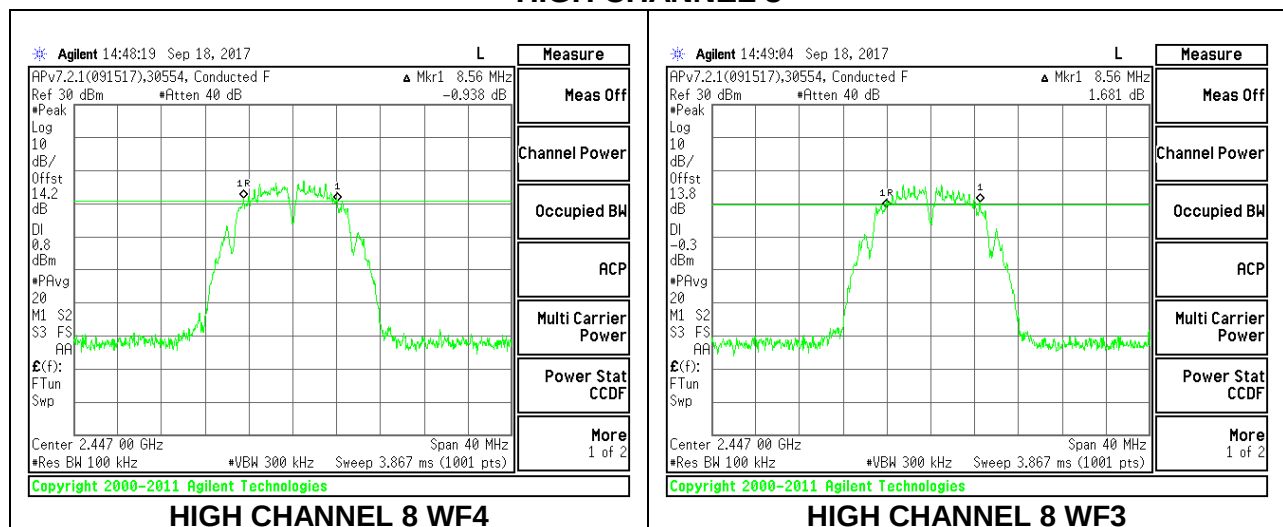
LOW CHANNEL 4



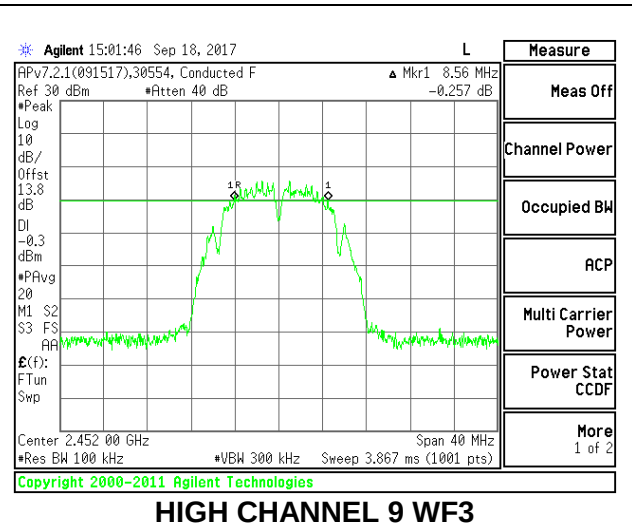
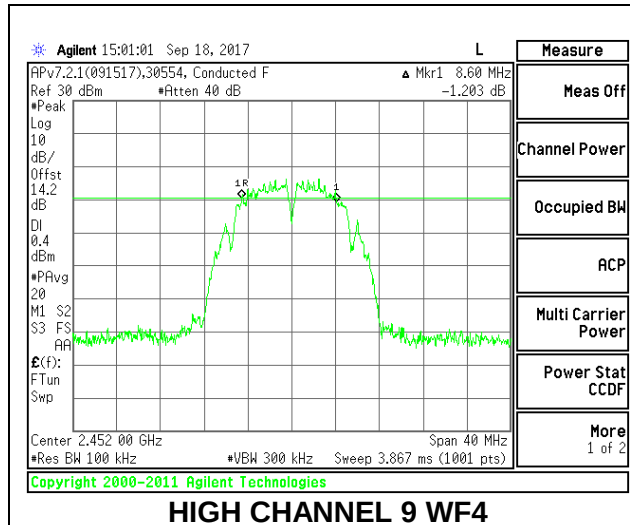
MID CHANNEL 6



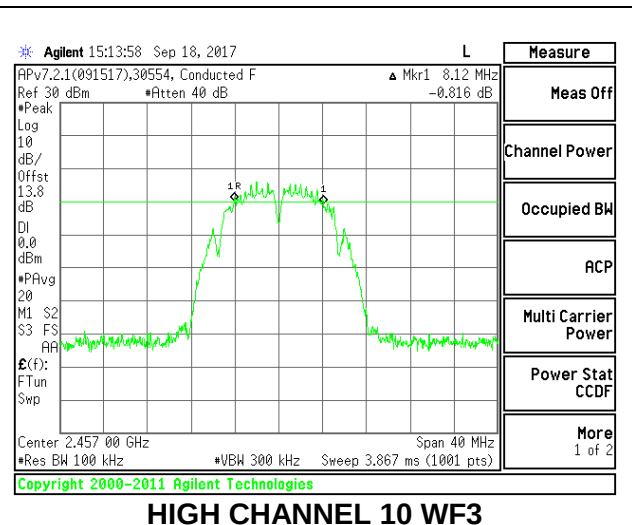
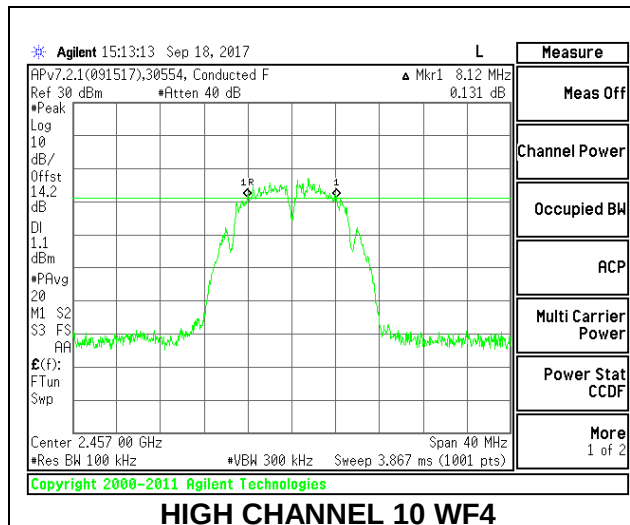
HIGH CHANNEL 8



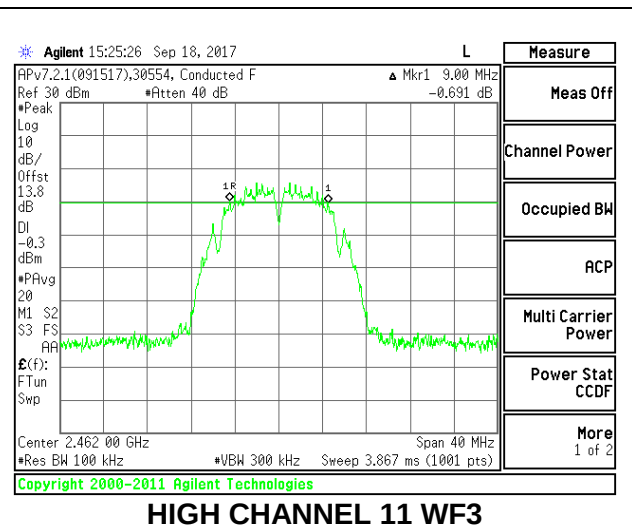
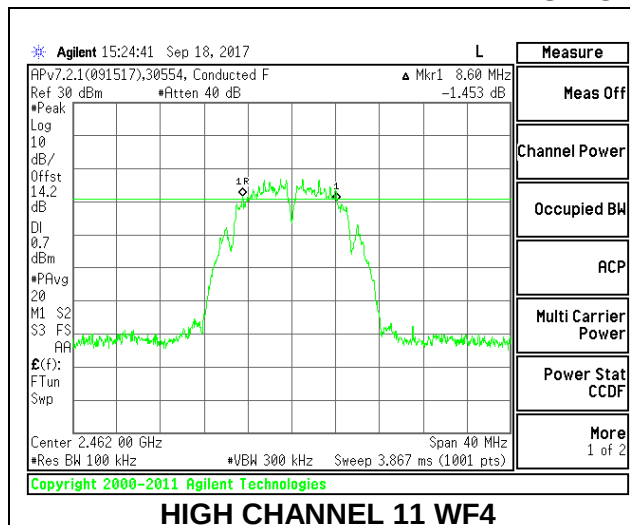
HIGH CHANNEL 9



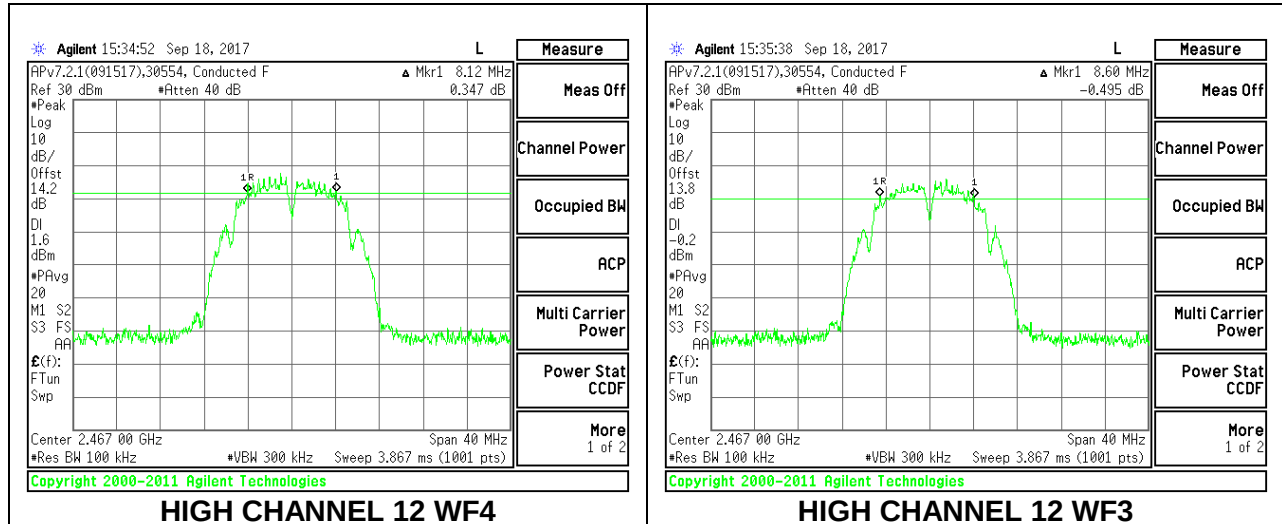
HIGH CHANNEL 10



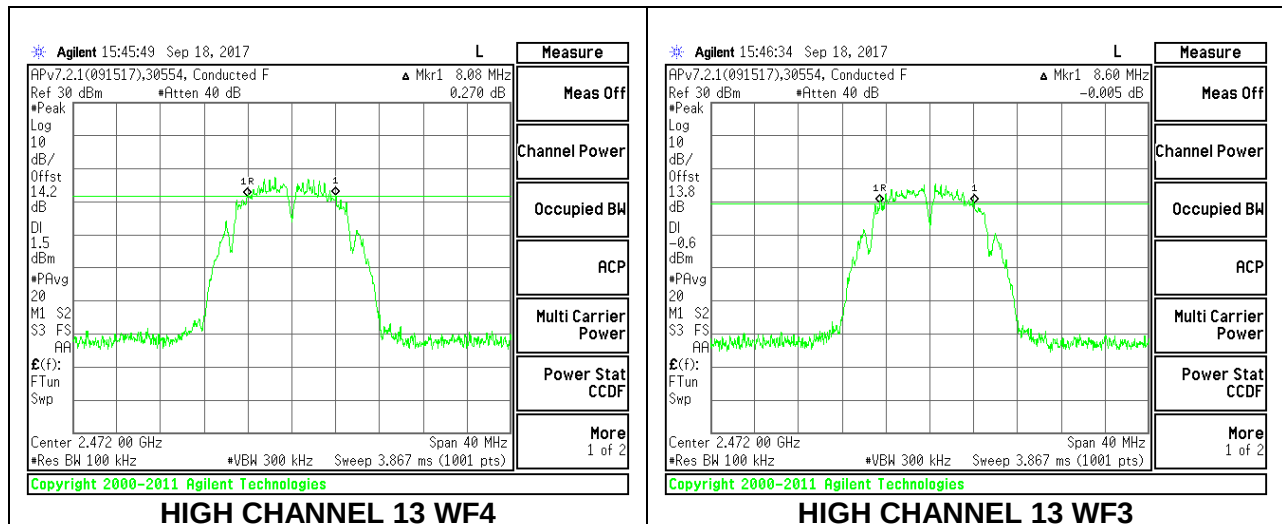
HIGH CHANNEL 11



HIGH CHANNEL 12



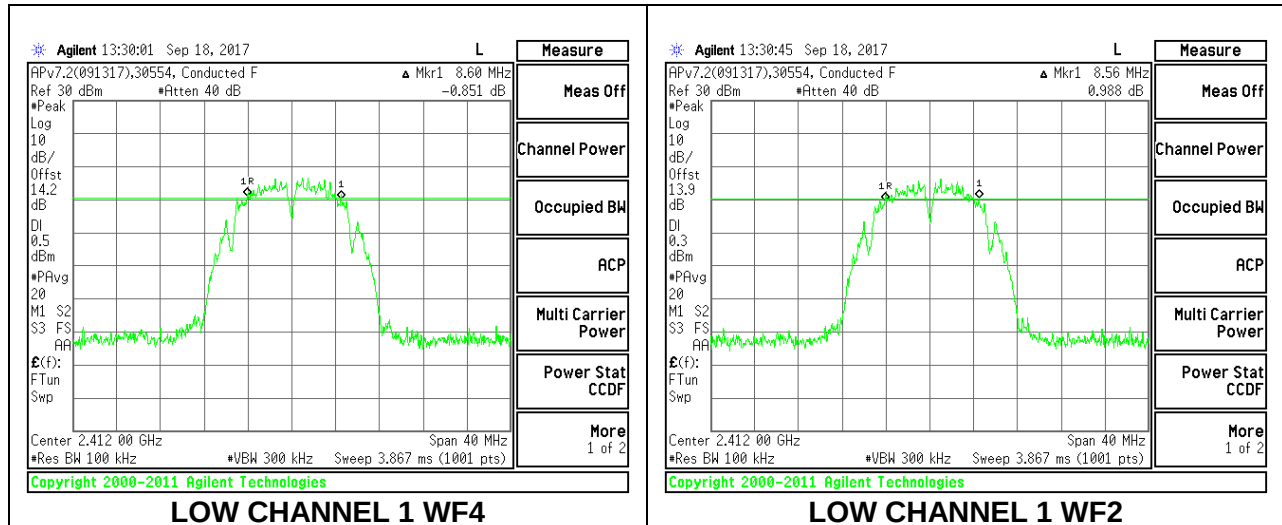
HIGH CHANNEL 13



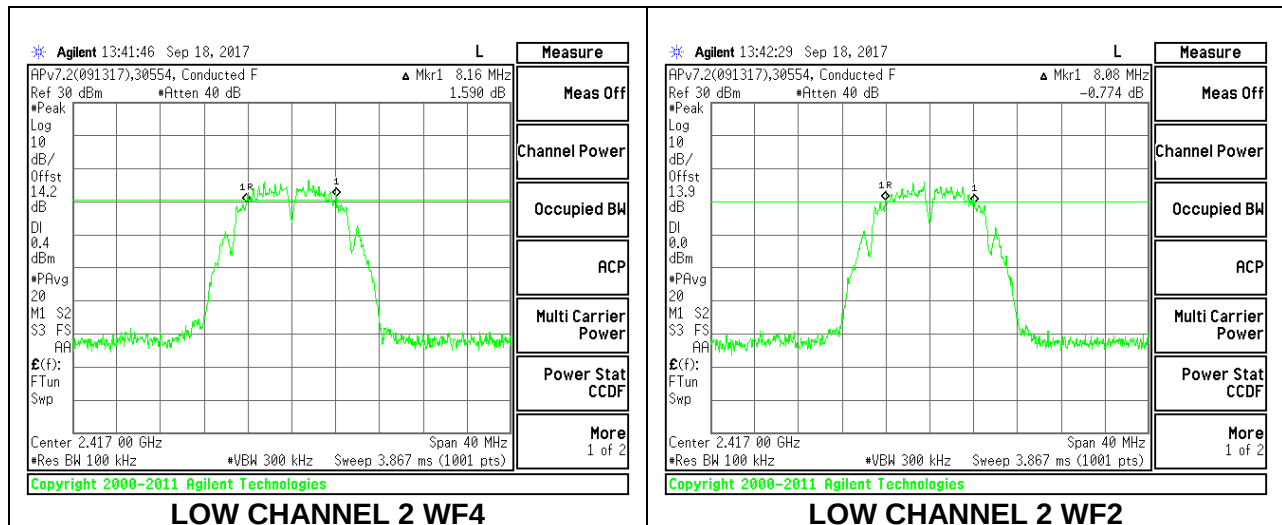
2TX Antenna WF4 + Antenna WF2 CDD Mode

Channel	Frequency (MHz)	6 dB BW WF4 (MHz)	6 dB BW WF2 (MHz)	Minimum Limit (MHz)
Low 1	2412	8.60	8.56	0.5
Low 2	2417	8.16	8.08	0.5
Low 3	2422	8.56	8.08	0.5
Low 4	2427	9.08	8.60	0.5
Mid 6	2437	8.60	9.08	0.5
High 8	2447	8.04	8.56	0.5
High 9	2452	9.12	8.52	0.5
High 10	2457	8.16	8.60	0.5
High 11	2462	8.12	8.32	0.5
High 12	2467	8.60	8.60	0.5
High 13	2472	8.56	9.04	0.5

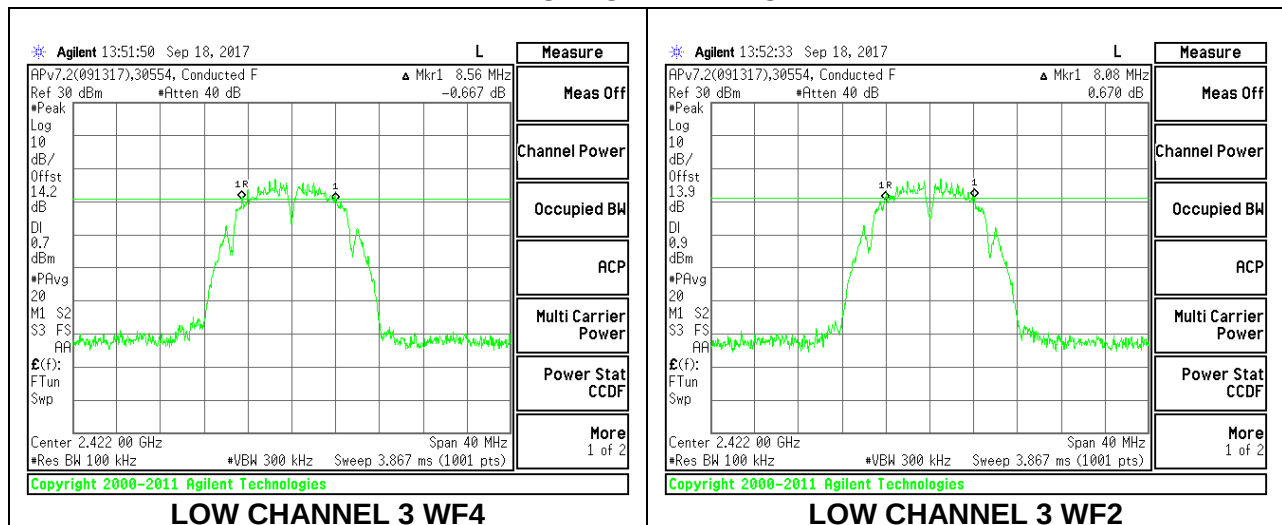
LOW CHANNEL 1



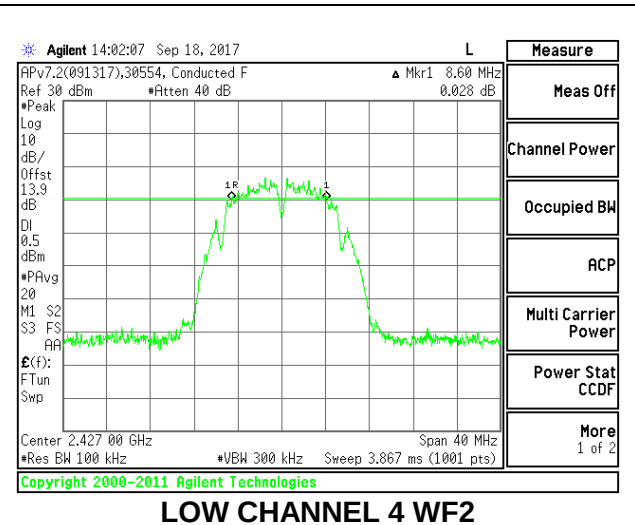
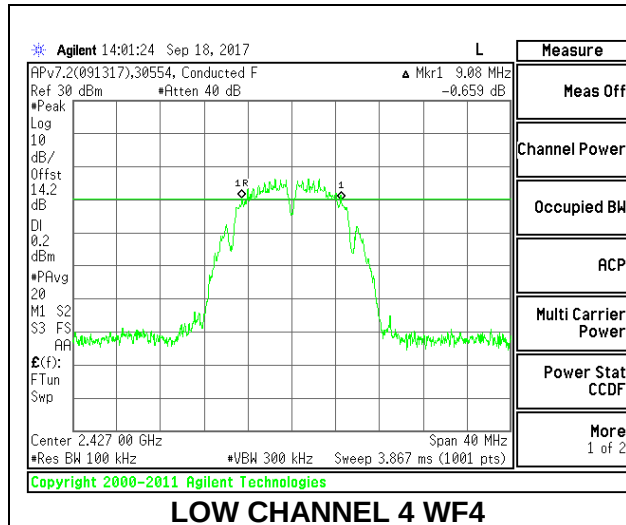
LOW CHANNEL 2



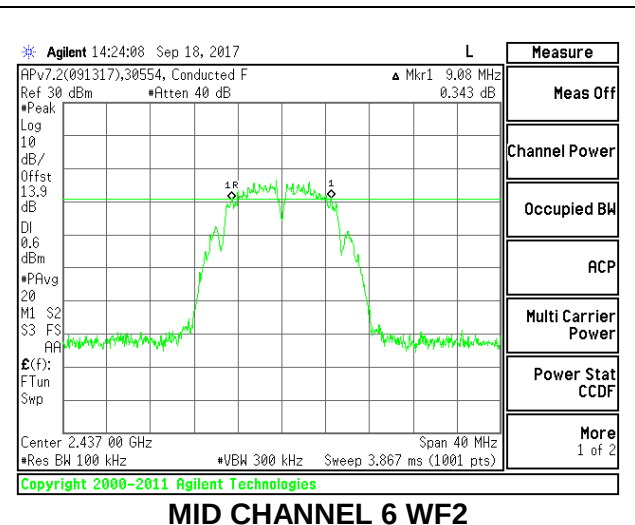
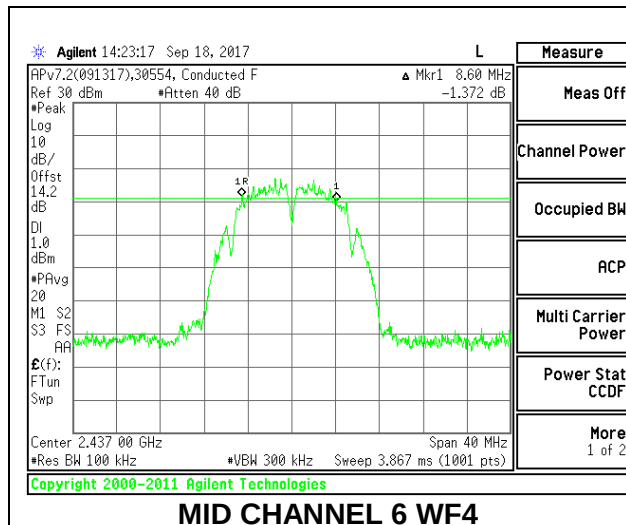
LOW CHANNEL 3



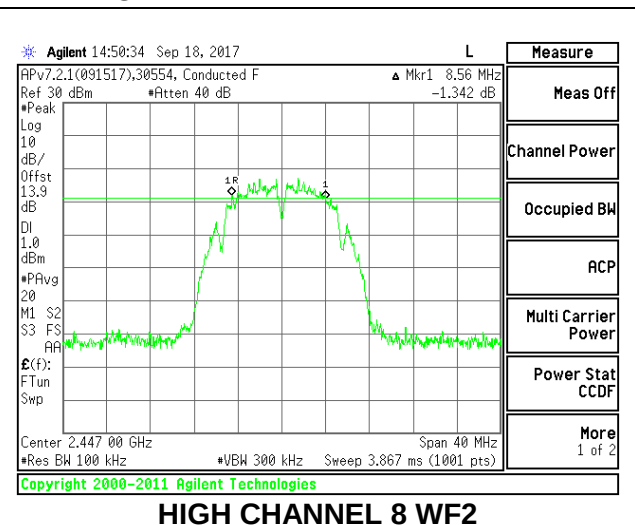
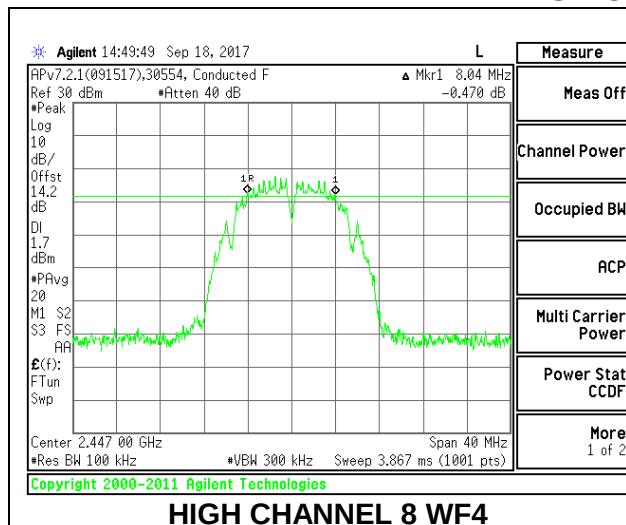
LOW CHANNEL 4



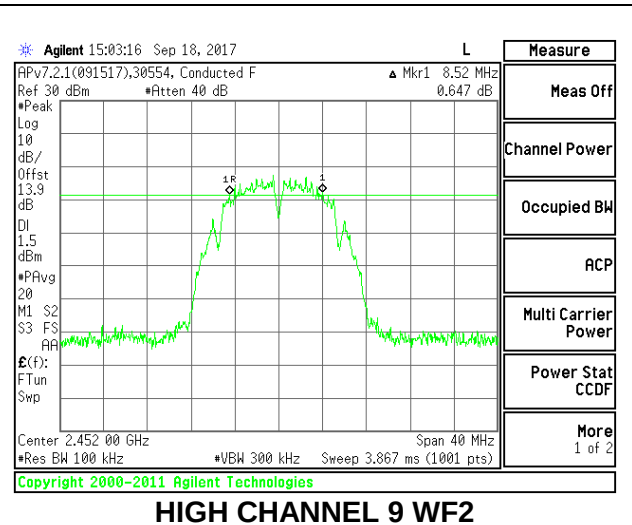
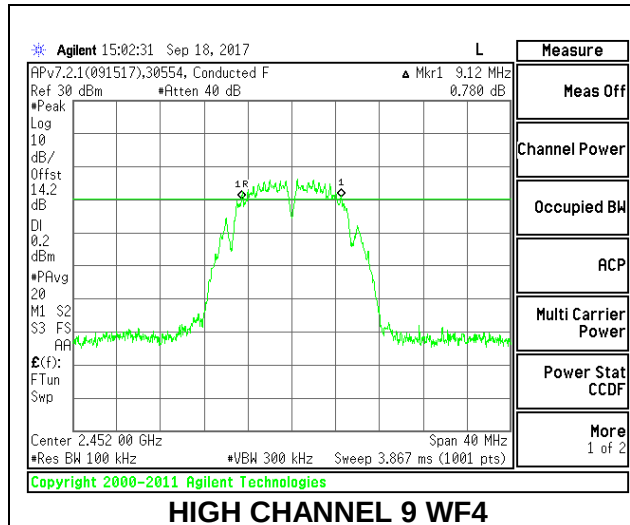
MID CHANNEL 6



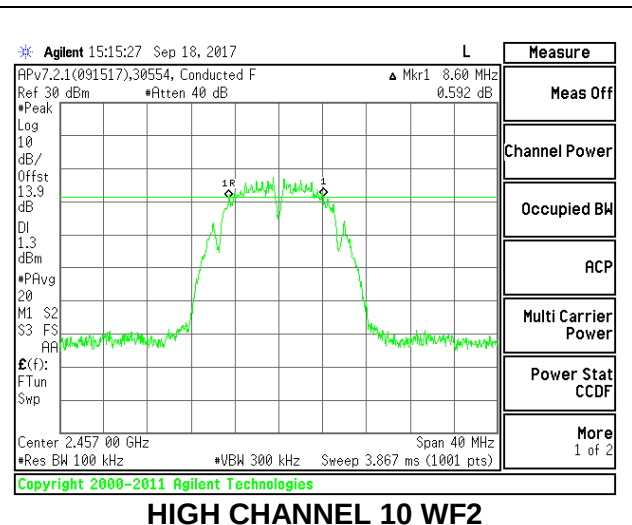
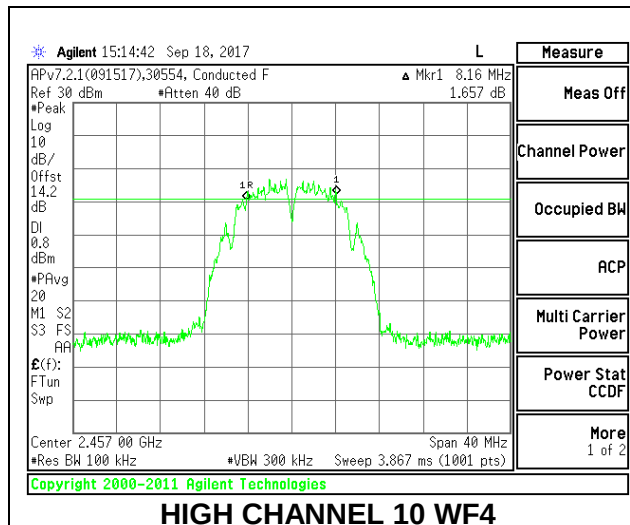
HIGH CHANNEL 8



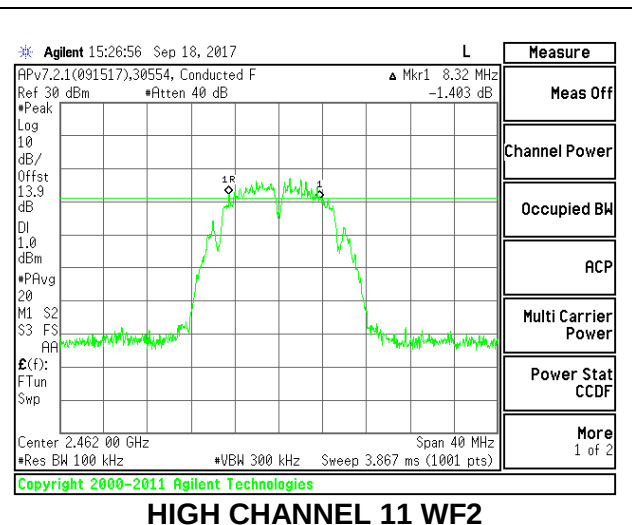
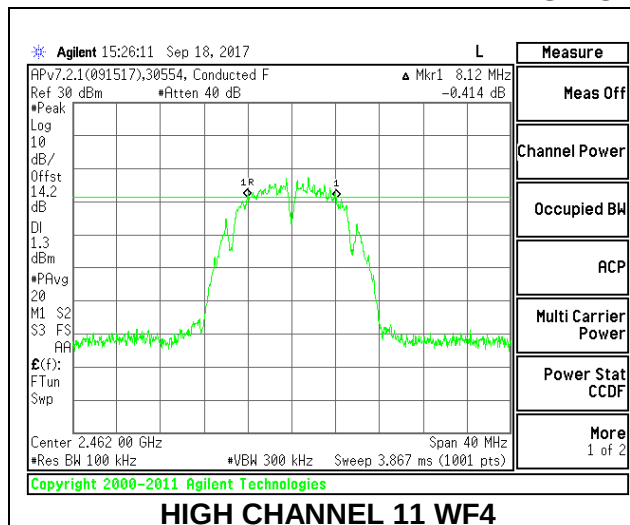
HIGH CHANNEL 9



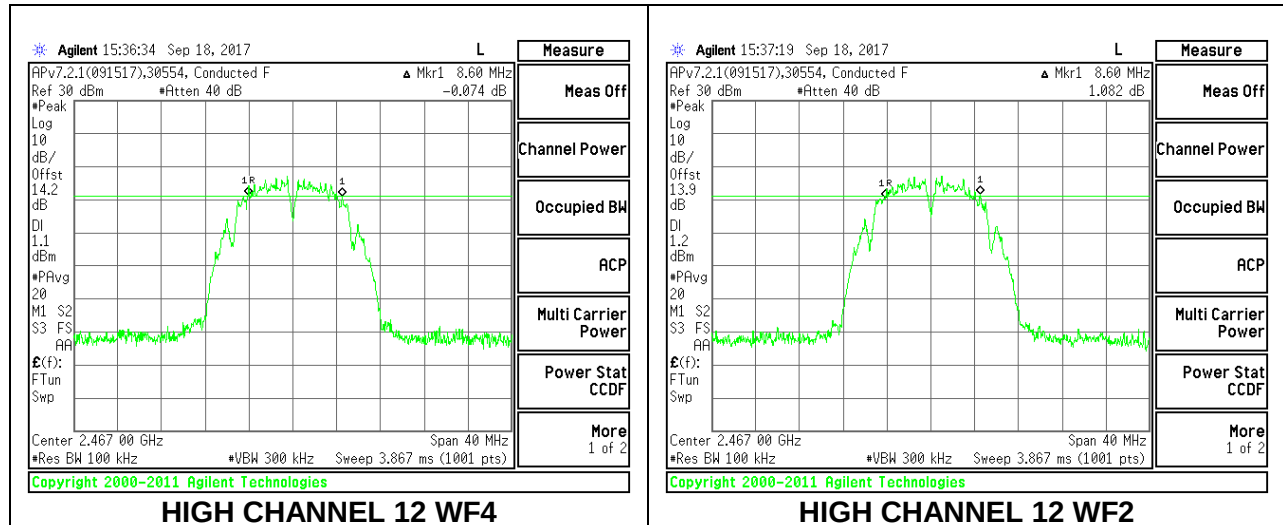
HIGH CHANNEL 10



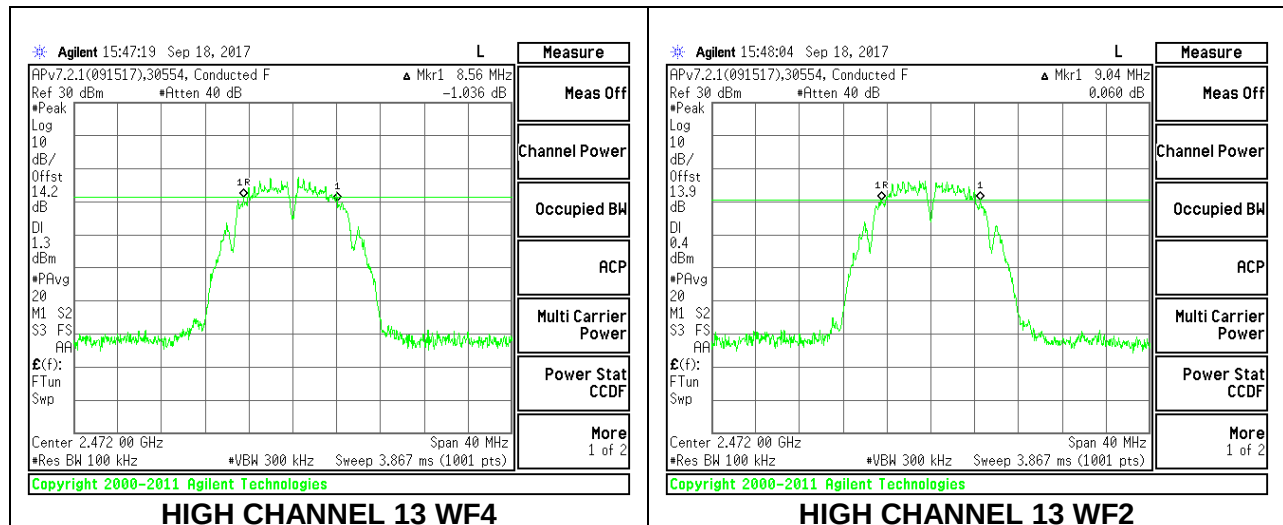
HIGH CHANNEL 11



HIGH CHANNEL 12



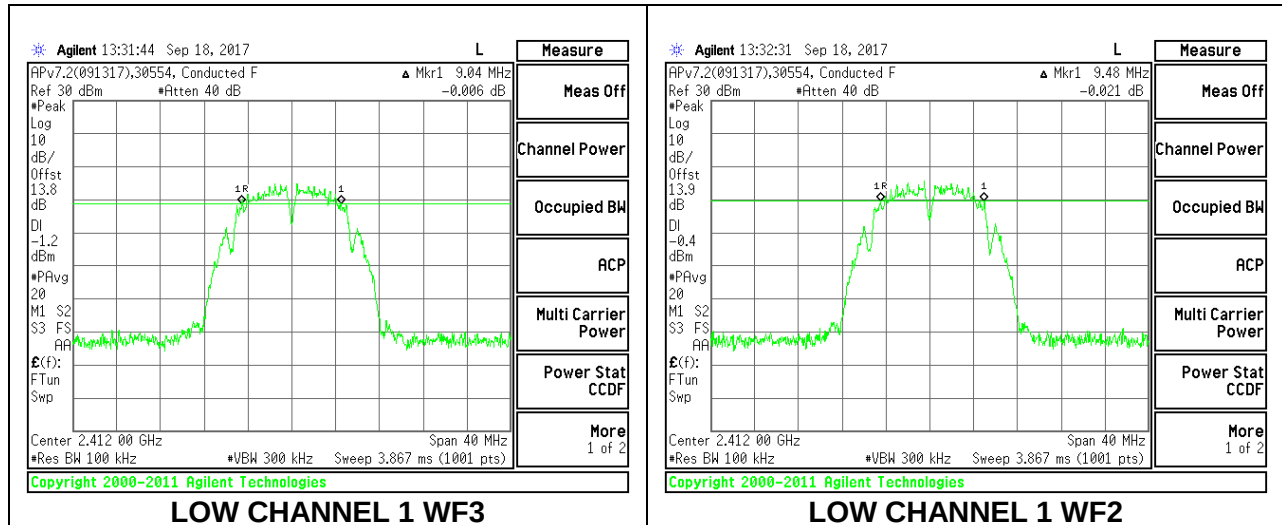
HIGH CHANNEL 13



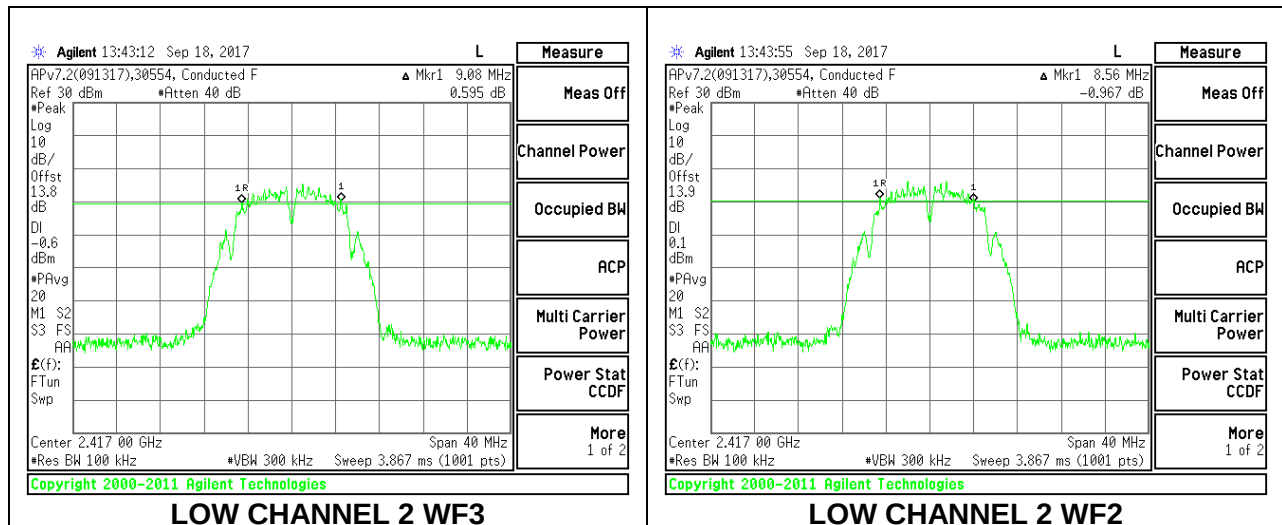
2TX Antenna WF3 + Antenna WF2 CDD mode

Channel	Frequency (MHz)	6 dB BW WF3 (MHz)	6 dB BW WF2 (MHz)	Minimum Limit (MHz)
Low 1	2412	9.04	9.48	0.5
Low 2	2417	9.08	8.56	0.5
Low 3	2422	8.56	7.88	0.5
Low 4	2427	9.04	8.52	0.5
Mid 6	2437	8.56	8.56	0.5
High 8	2447	9.12	9.08	0.5
High 9	2452	8.60	8.60	0.5
High 10	2457	8.60	8.08	0.5
High 11	2462	8.60	8.56	0.5
High 12	2467	8.20	8.16	0.5
High 13	2472	8.12	8.60	0.5

LOW CHANNEL 1



LOW CHANNEL 2



LOW CHANNEL 3

