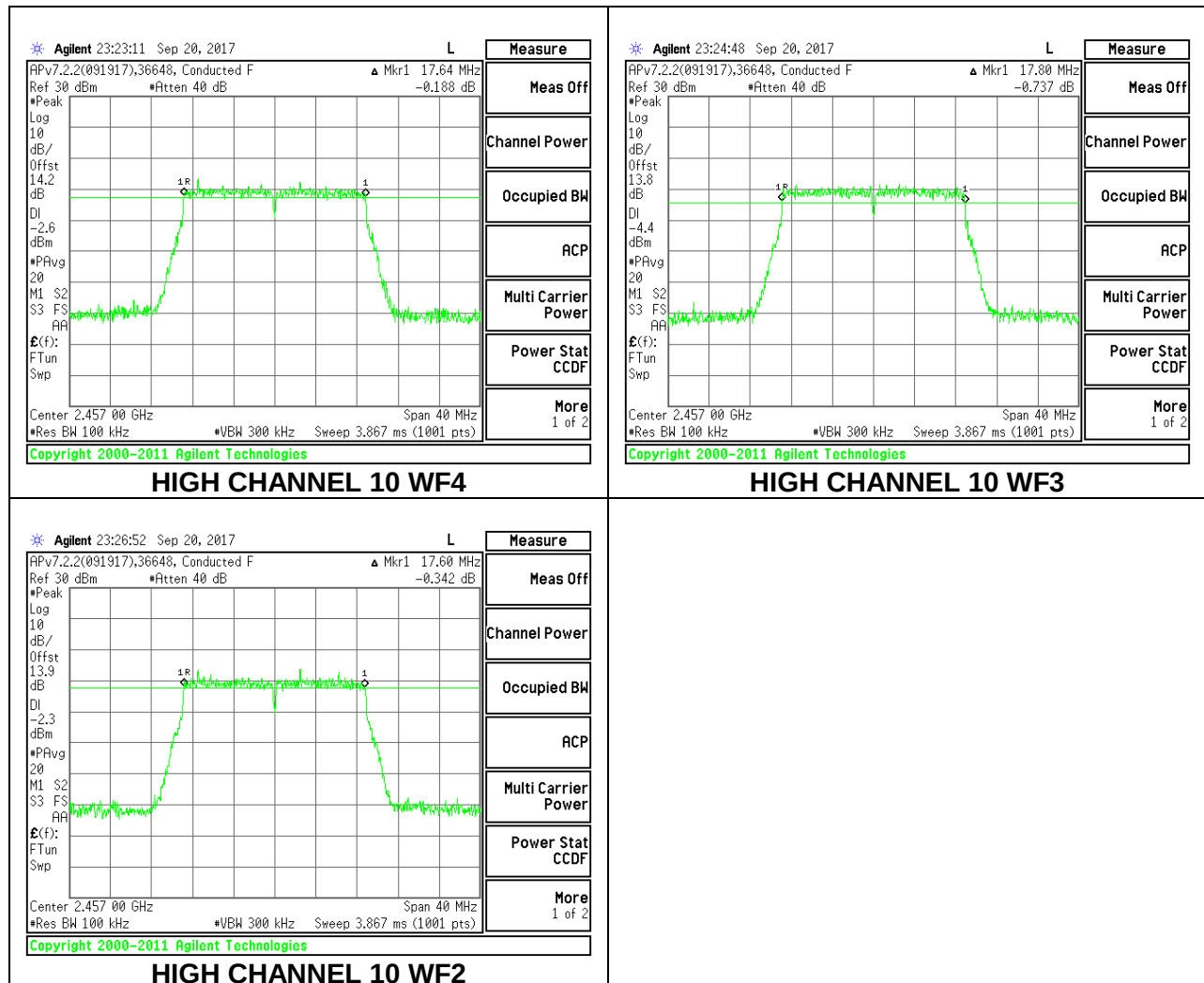
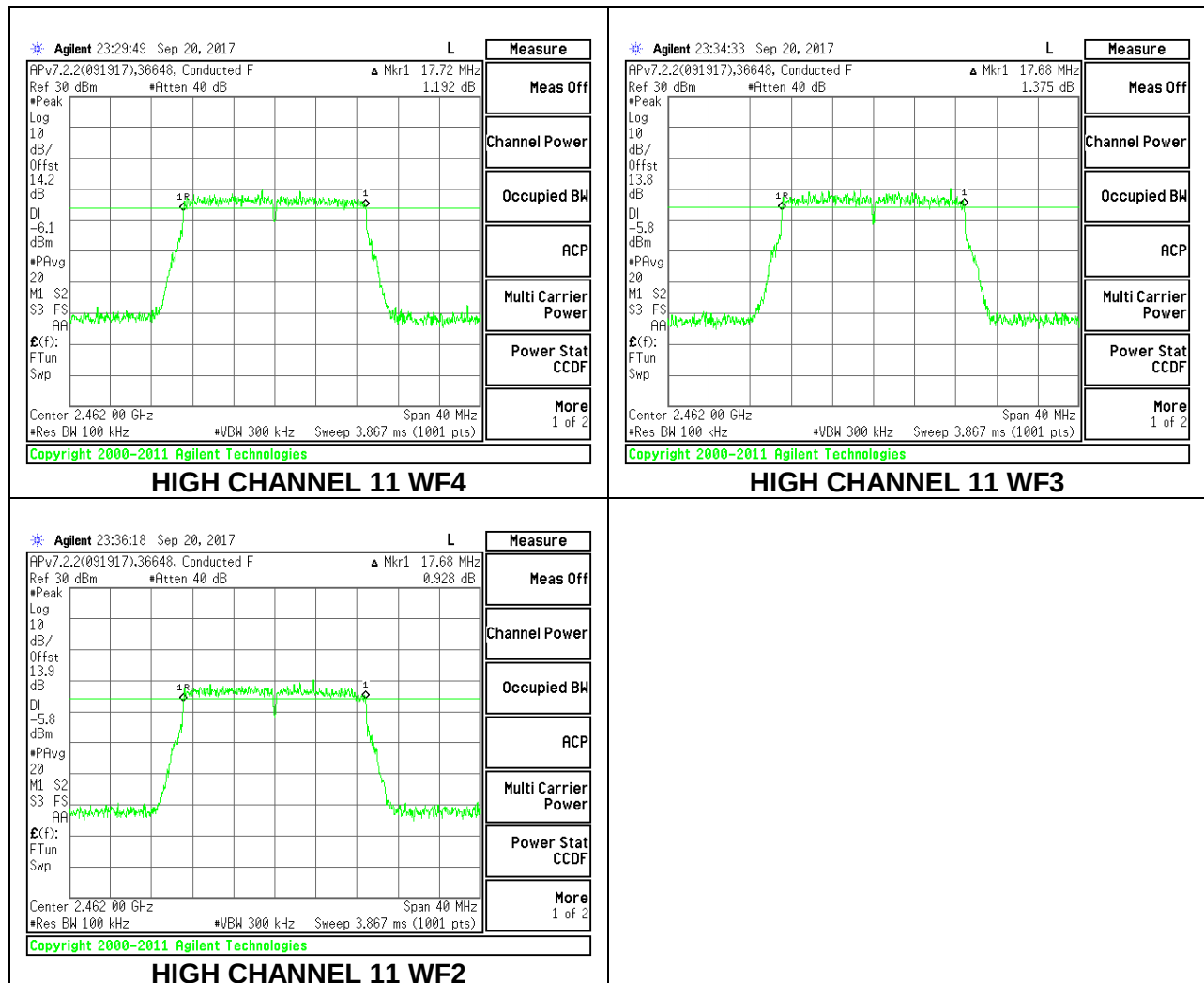


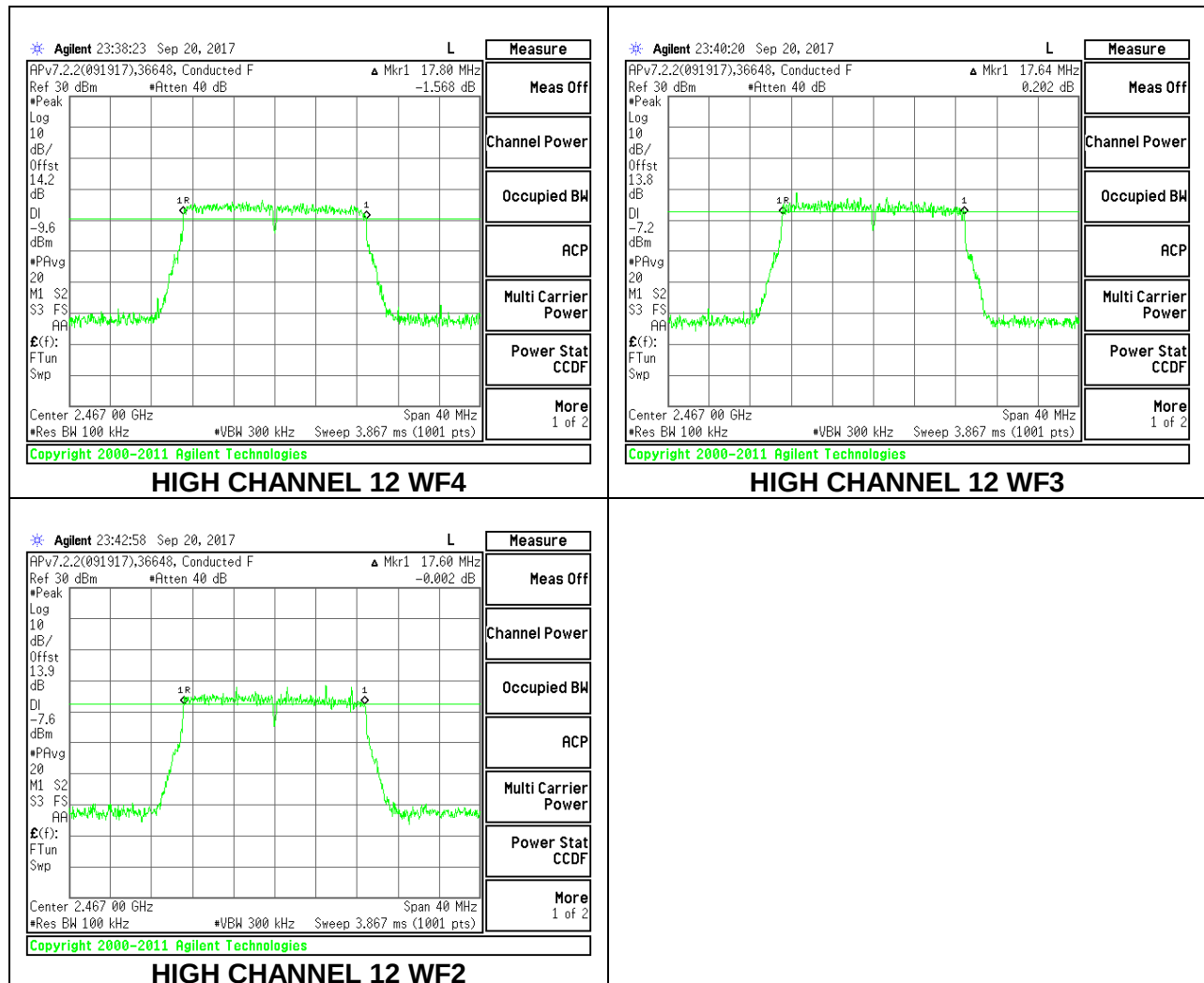
HIGH CHANNEL 10



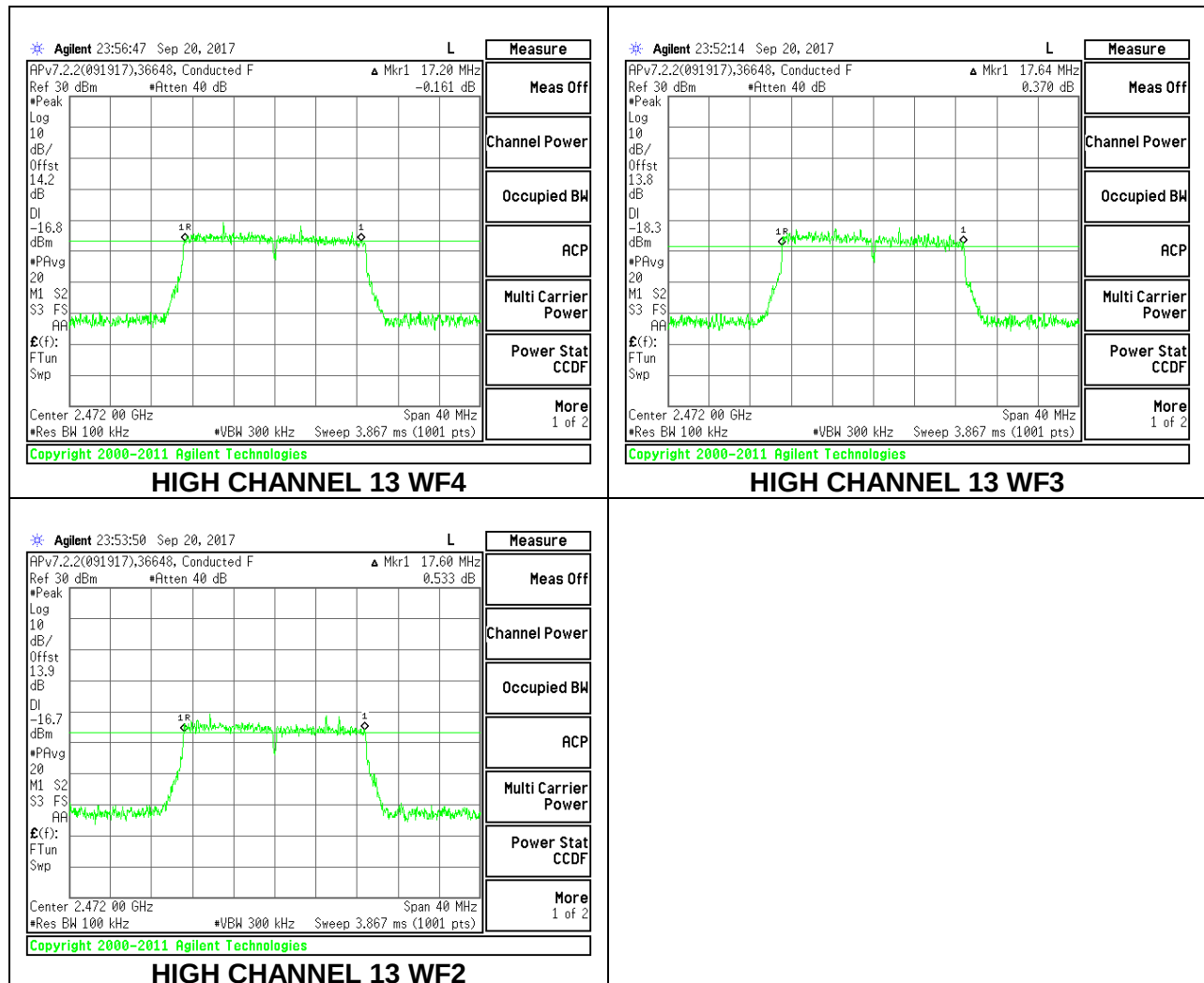
HIGH CHANNEL 11



HIGH CHANNEL 12



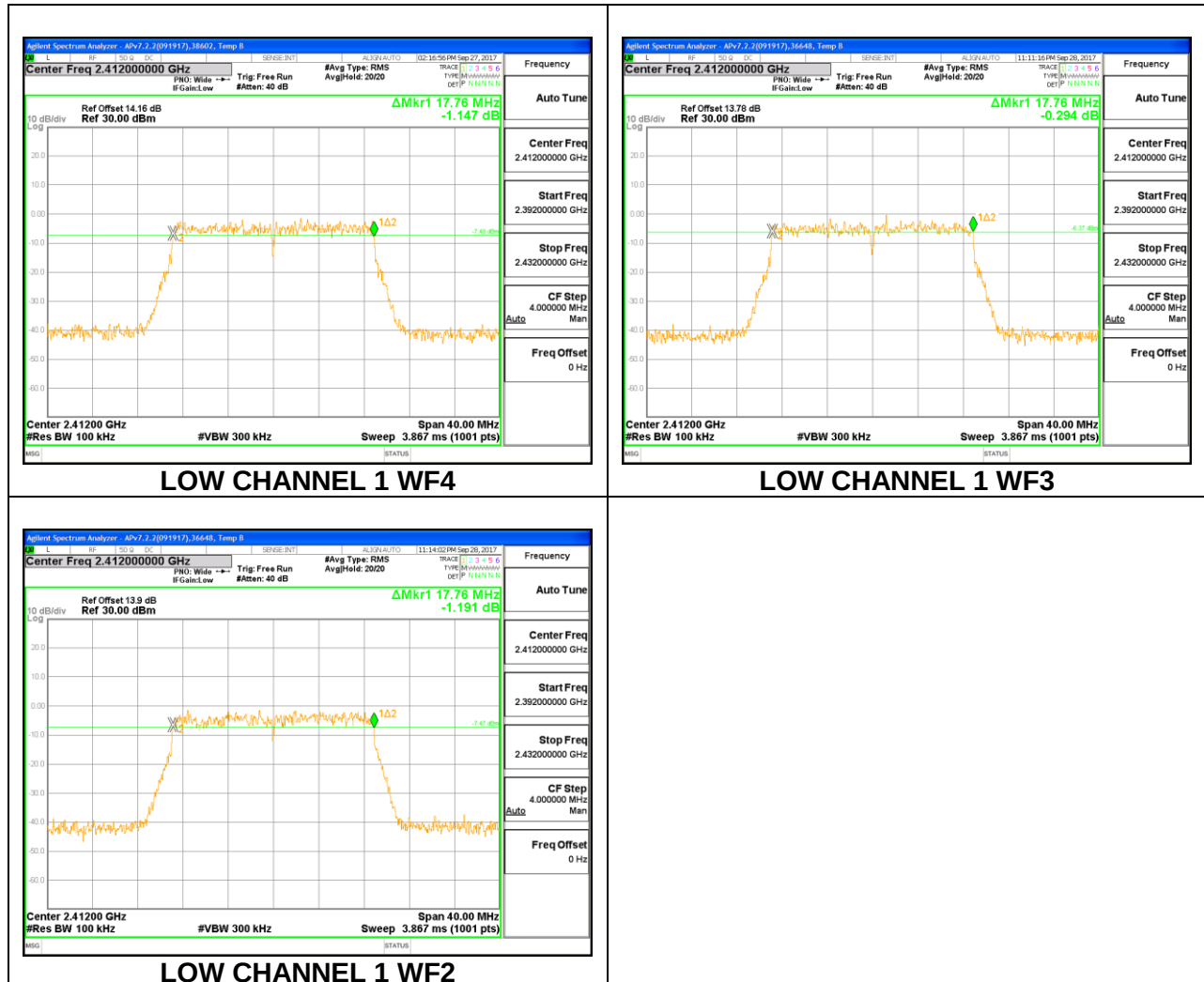
HIGH CHANNEL 13



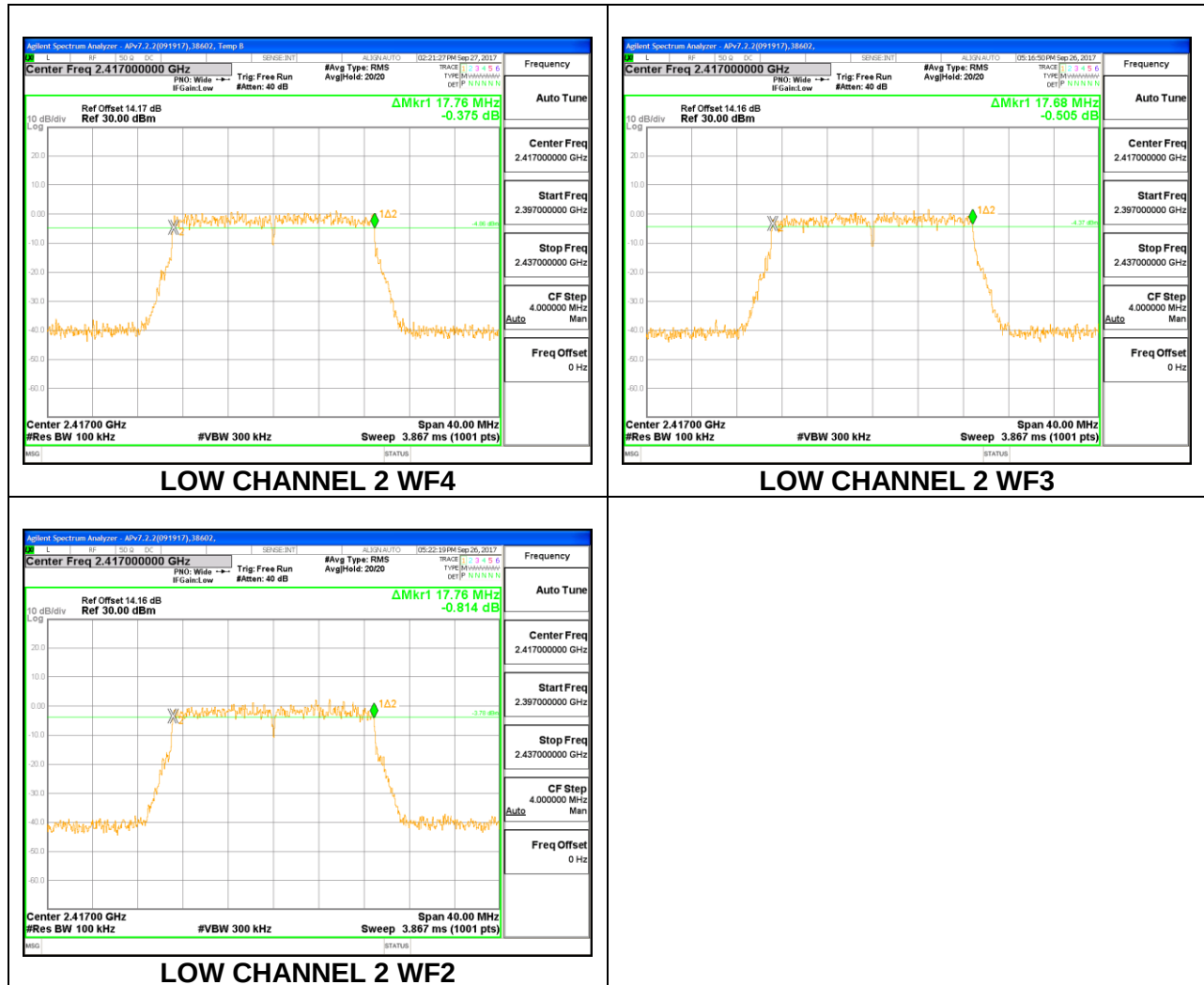
3TX Antenna WF4 + Antenna WF3 + Antenna WF2 BF Mode

Channel	Frequency (MHz)	6 dB BW WF4 (MHz)	6 dB BW WF3 (MHz)	6 dB BW WF2 (MHz)	Minimum Limit (MHz)
Low 1	2412	17.76	17.76	17.76	0.5
Low 2	2417	17.76	17.68	17.76	0.5
Low 3	2422	17.52	17.80	17.68	0.5
Low 4	2427	17.72	17.80	17.72	0.5
Low 5	2432	17.68	17.64	17.72	0.5
Mid 6	2437	17.76	17.68	17.76	0.5
High 7	2442	17.68	17.80	17.76	0.5
High 8	2447	17.76	17.68	17.76	0.5
High 9	2452	17.80	17.84	17.80	0.5
High 10	2457	17.76	17.80	17.76	0.5
High 11	2462	17.80	17.72	17.60	0.5
High 12	2467	17.76	17.80	17.76	0.5
High 13	2472	17.64	17.72	17.72	0.5

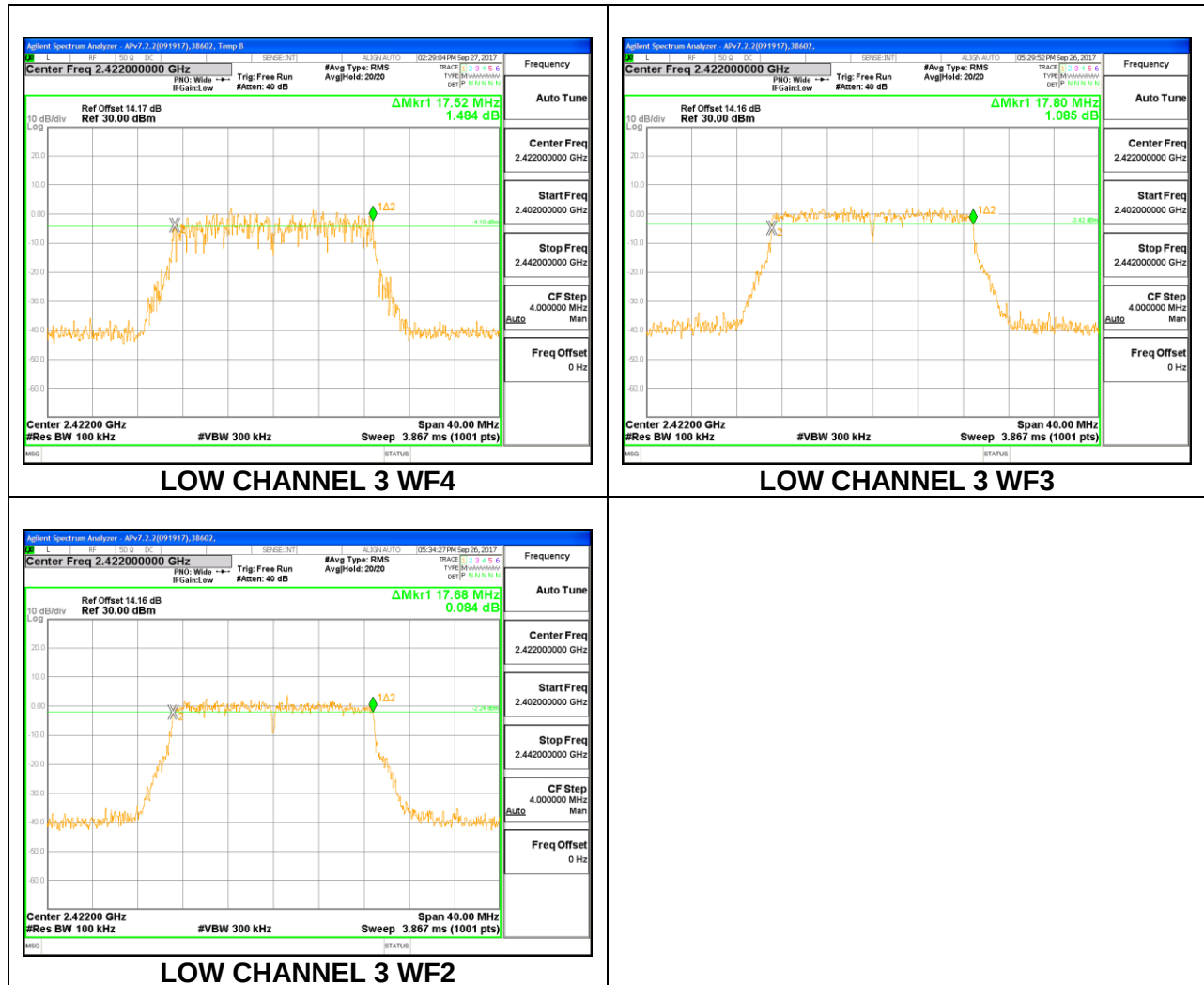
LOW CHANNEL 1



LOW CHANNEL 2



LOW CHANNEL 3



The figure displays three Agilent Spectrum Analyzer screenshots, each showing the frequency response of a different channel (WF4, WF3, and WF2) for Low Channel 4. The plots are arranged in a 3x2 grid. Each plot shows a bandpass filter response centered at 2.427 GHz with a 40 MHz span. The plots include a table of key parameters on the right side.

LOW CHANNEL 4 WF4

Parameter	Value
Center Freq	2.427000000 GHz
Start Freq	2.407000000 GHz
Stop Freq	2.447000000 GHz
CF Step	4.000000 MHz
Freq Offset	0 Hz

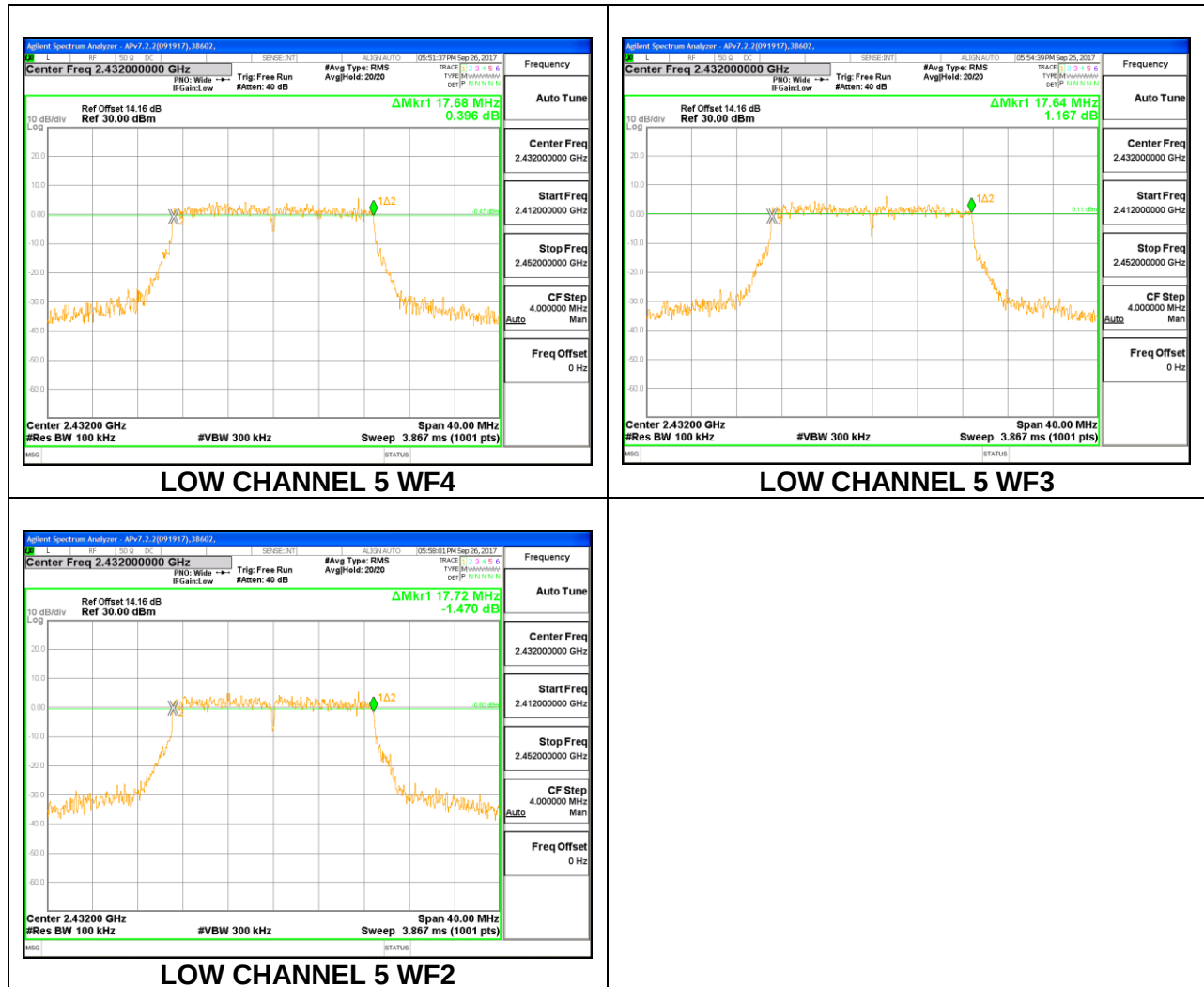
LOW CHANNEL 4 WF3

Parameter	Value
Center Freq	2.427000000 GHz
Start Freq	2.407000000 GHz
Stop Freq	2.447000000 GHz
CF Step	4.000000 MHz
Freq Offset	0 Hz

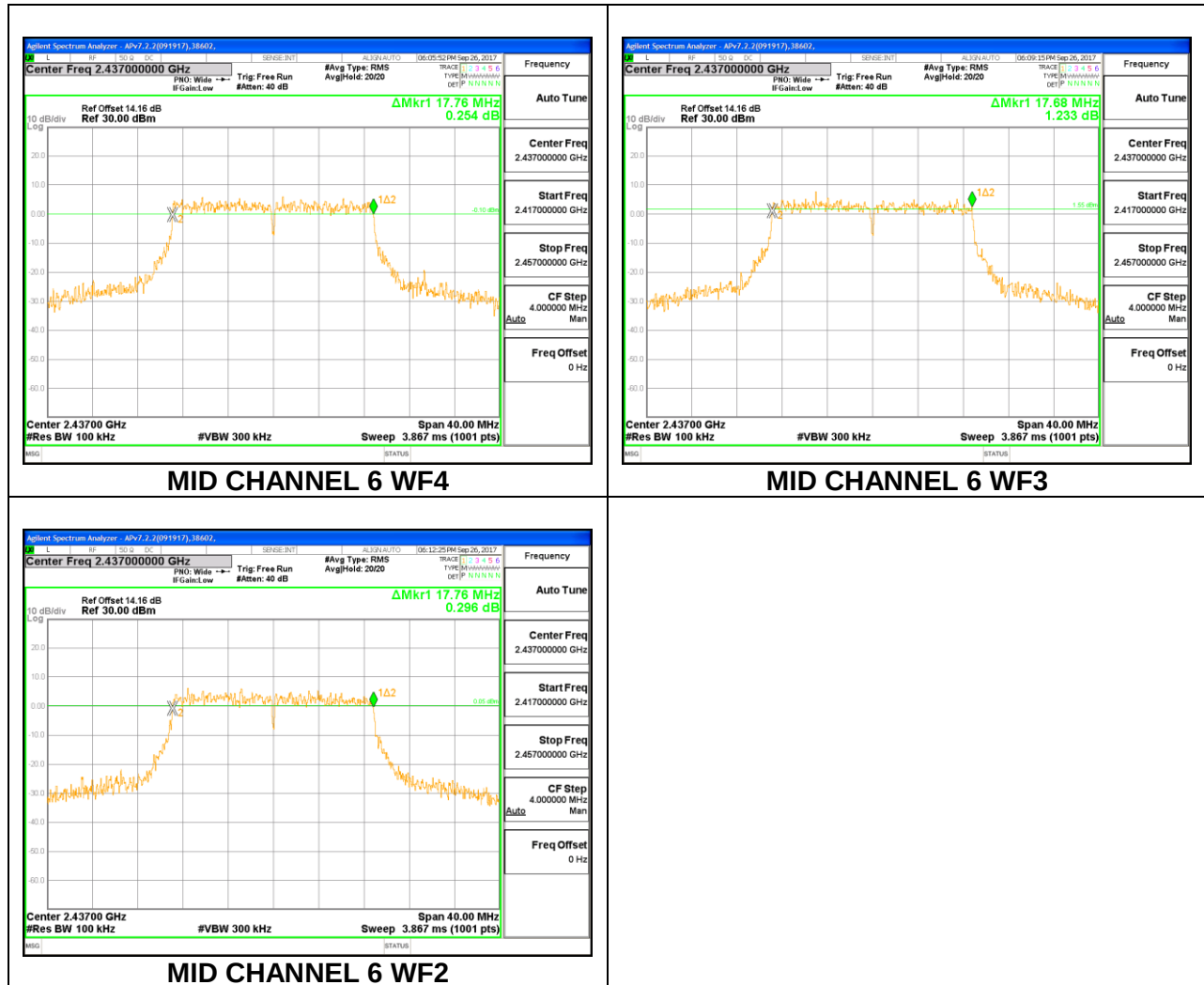
LOW CHANNEL 4 WF2

Parameter	Value
Center Freq	2.427000000 GHz
Start Freq	2.407000000 GHz
Stop Freq	2.447000000 GHz
CF Step	4.000000 MHz
Freq Offset	0 Hz

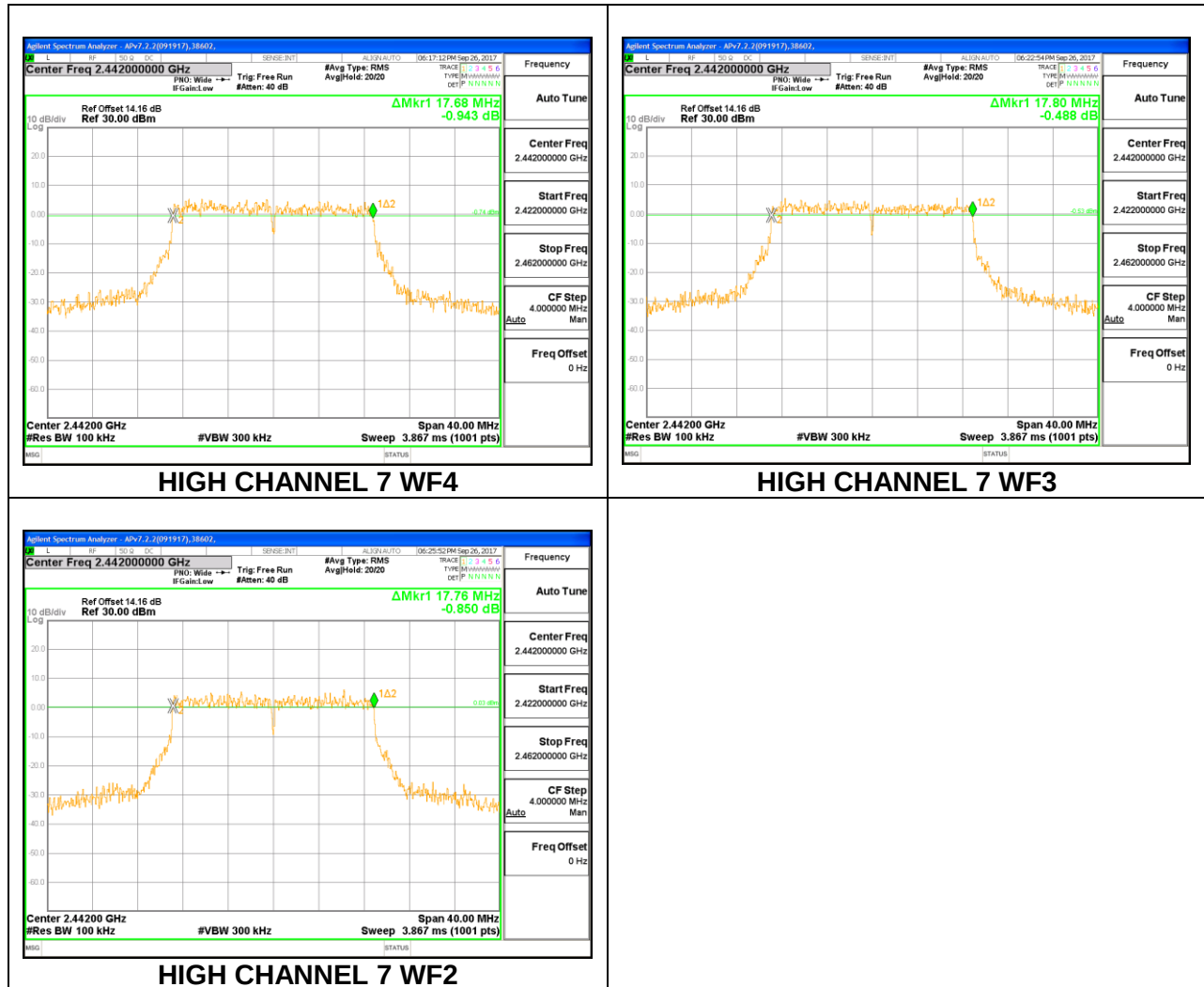
LOW CHANNEL 5



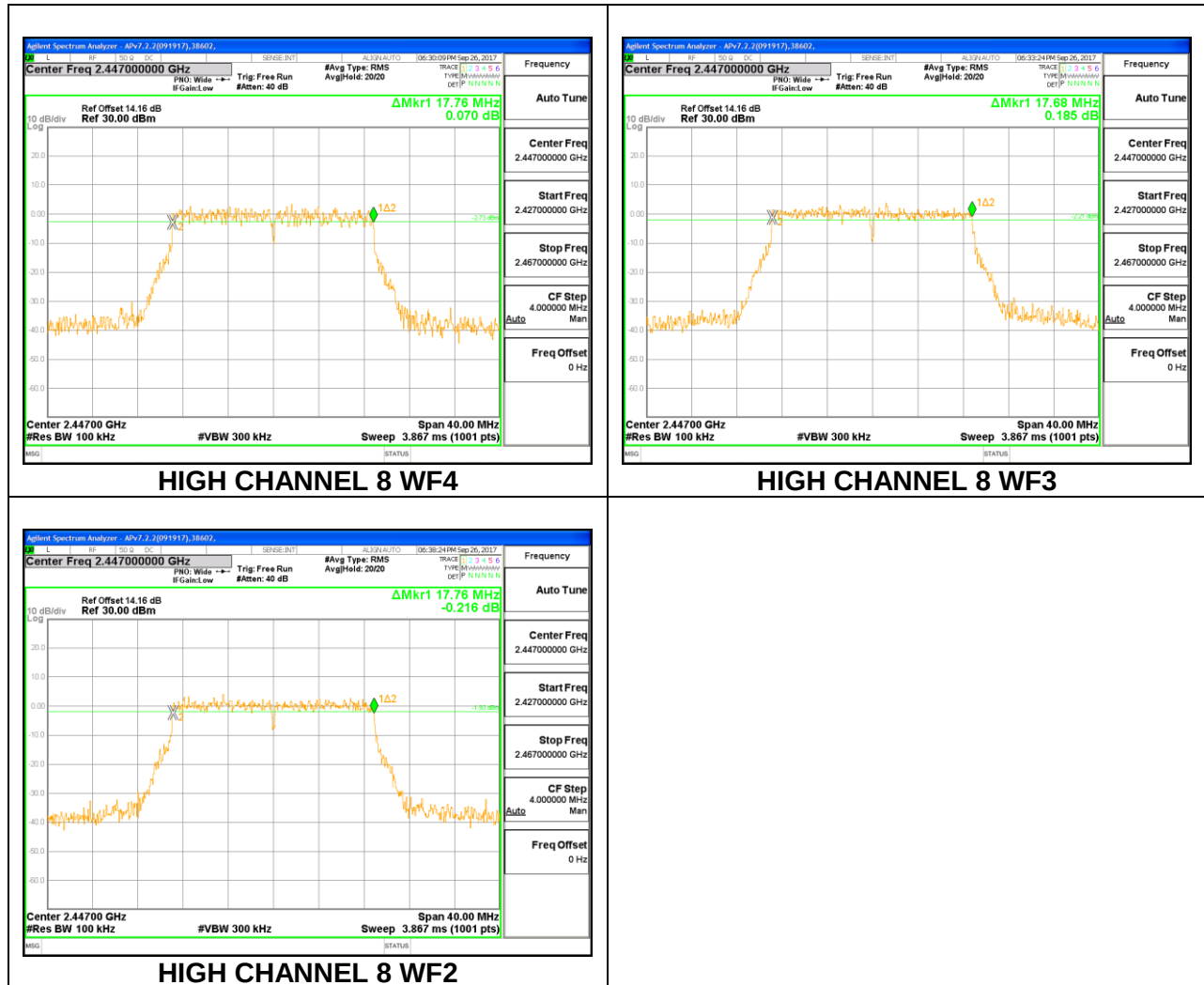
MID CHANNEL 6



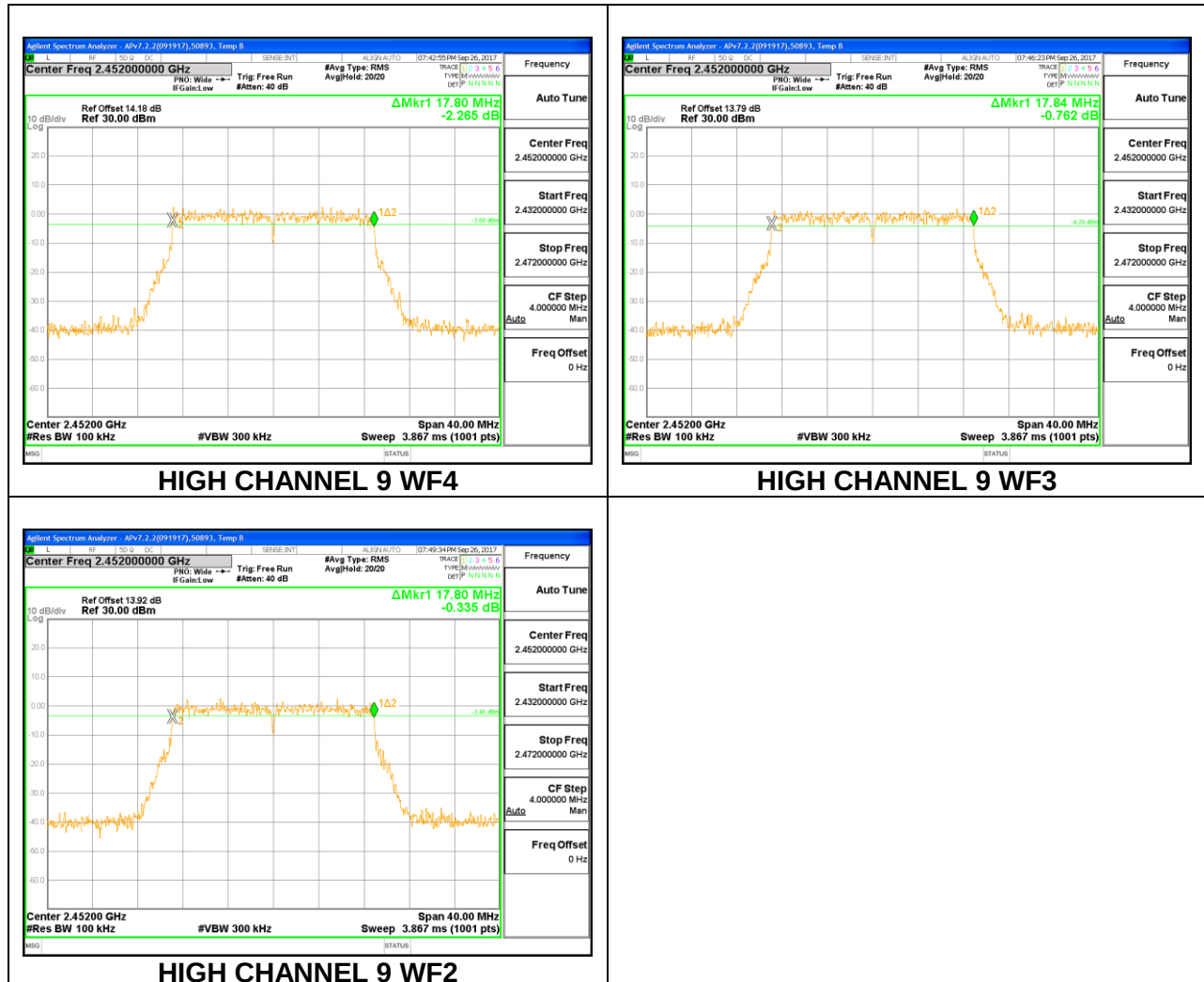
HIGH CHANNEL 7



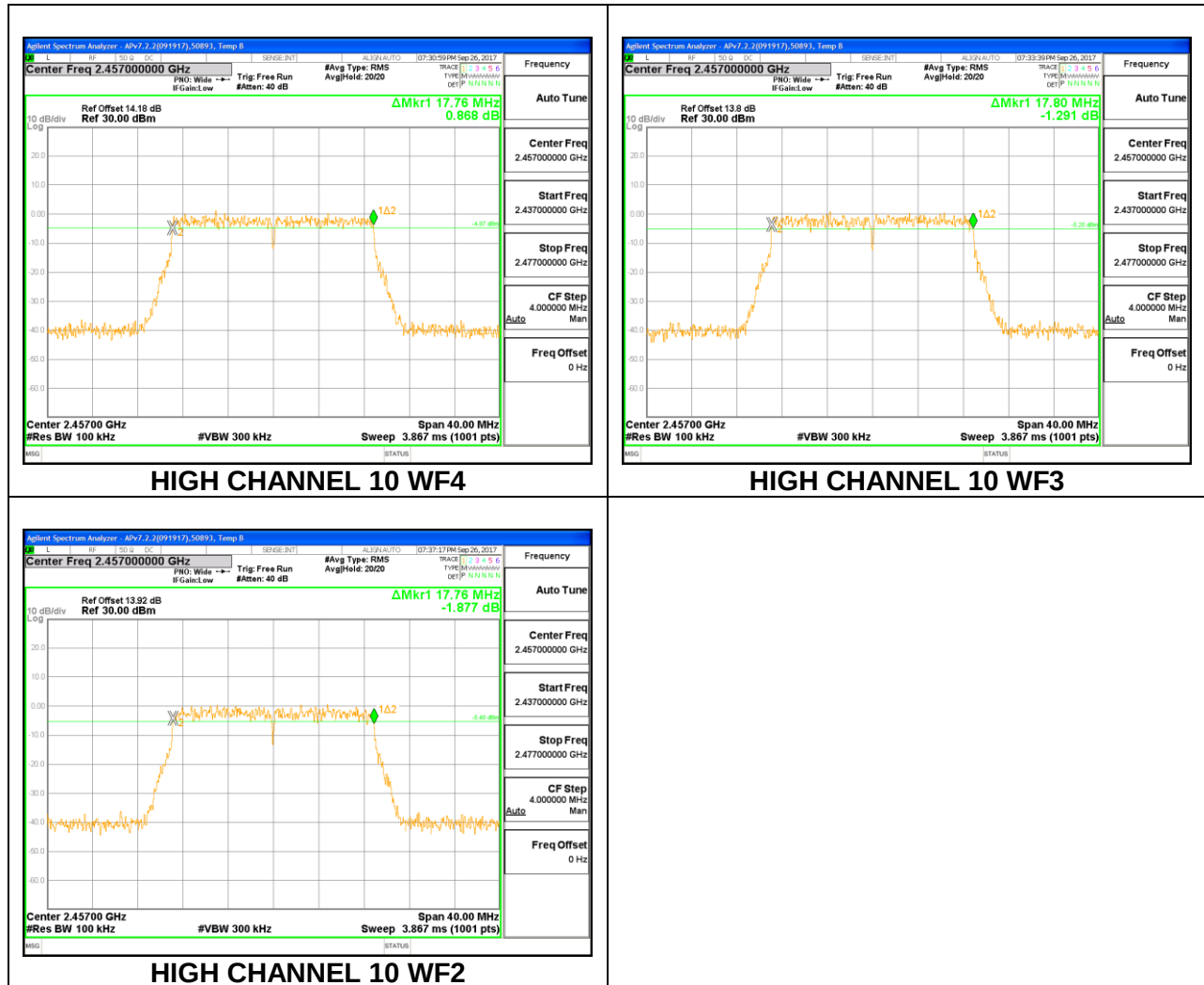
HIGH CHANNEL 8



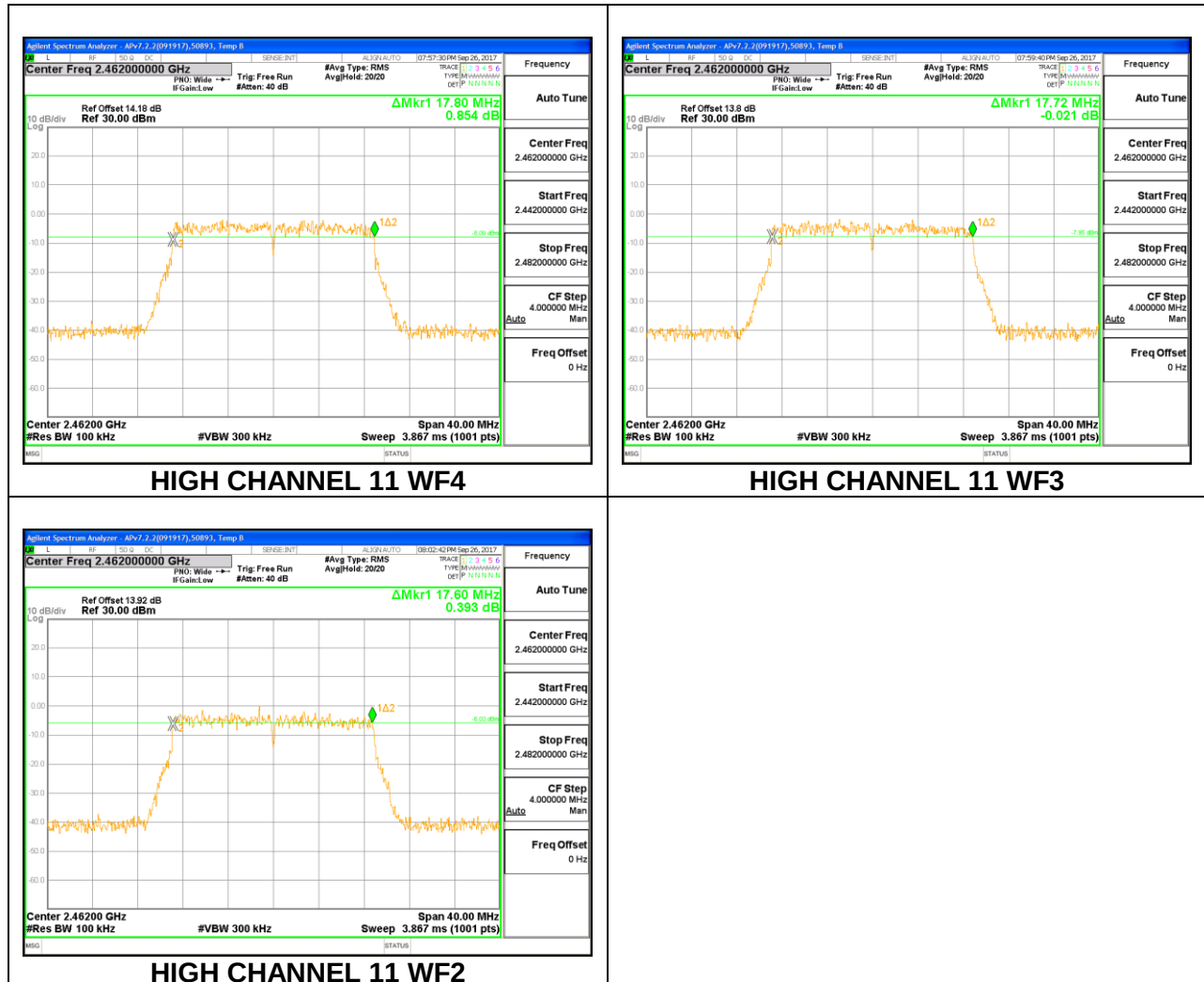
HIGH CHANNEL 9



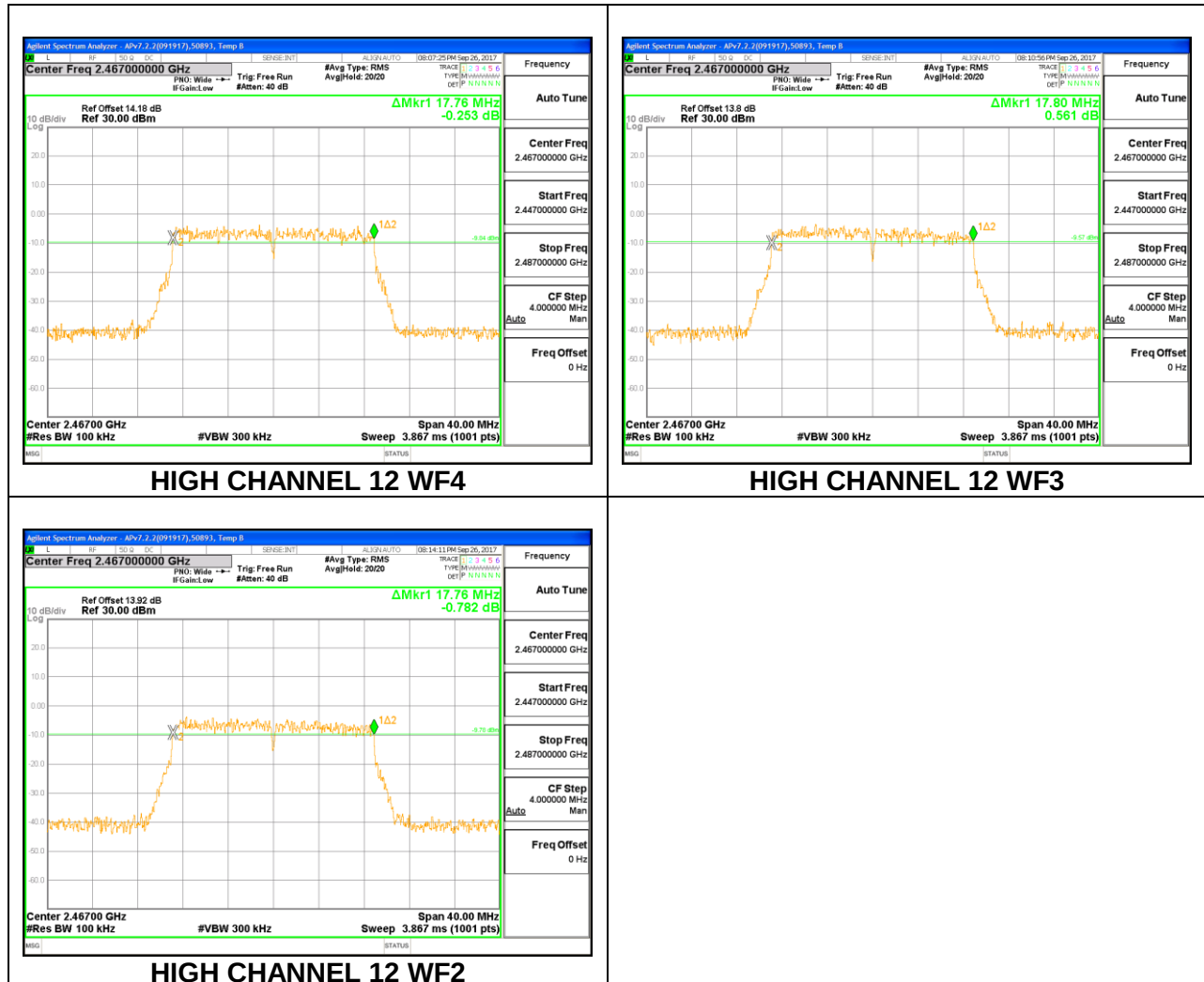
HIGH CHANNEL 10



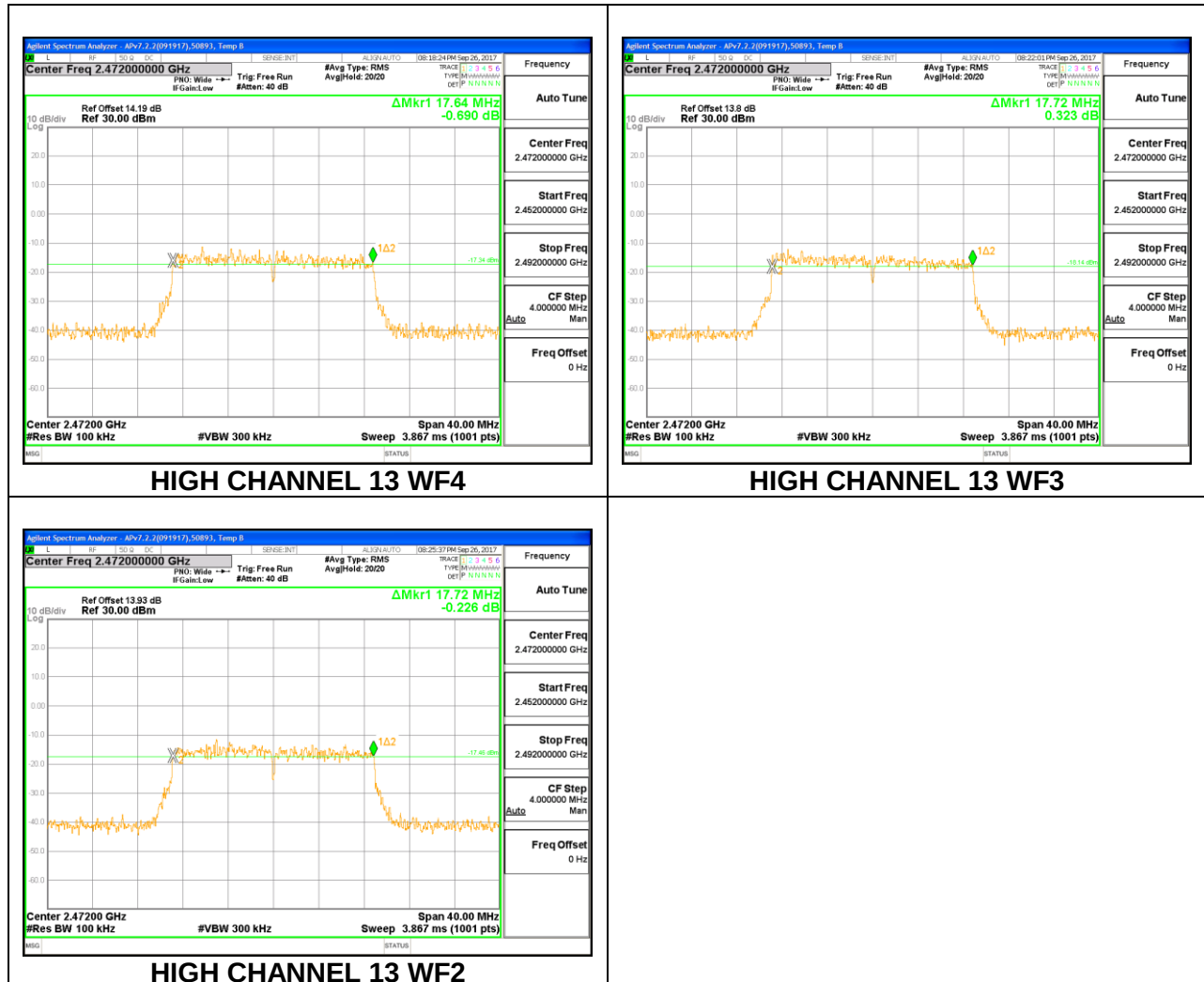
HIGH CHANNEL 11



HIGH CHANNEL 12



HIGH CHANNEL 13



4.4. OUTPUT POWER

LIMITS

FCC §15.247 (b)

IC RSS-247 5.4.4

For systems using digital modulation in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands: 1 Watt, based on the use of antennas with directional gains that do not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

DIRECTIONAL ANTENNA GAIN

For 1 TX:

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

For 2 TX:

The TX chains are uncorrelated and the antenna gain is unequal among the chains. The directional gain is:

Band (GHz)	WF4 Antenna Gain (dBi)	WF3 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
2.4	5.09	3.12	4.22

The TX chains are correlated and the antenna gain is unequal among the chains. The directional gain is:

Band (GHz)	WF4 Antenna Gain (dBi)	WF3 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
2.4	5.09	3.12	7.17

The TX chains are uncorrelated and the antenna gain is unequal among the chains. The directional gain is:

Band (GHz)	WF4 Antenna Gain (dBi)	WF2 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
2.4	5.09	4.13	4.64

The TX chains are correlated and the antenna gain is unequal among the chains. The directional gain is:

Band (GHz)	WF4 Antenna Gain (dBi)	WF2 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
2.4	5.09	4.13	7.63

The TX chains are uncorrelated and the antenna gain is unequal among the chains. The directional gain is:

Band (GHz)	WF3 Antenna Gain (dBi)	WF2 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
2.4	3.12	4.13	3.65

The TX chains are correlated and the antenna gain is unequal among the chains. The directional gain is:

Band (GHz)	WF3 Antenna Gain (dBi)	WF2 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
2.4	3.12	4.13	6.65

For 3 TX:

The TX chains are uncorrelated and the antenna gain is unequal among the chains. The directional gain is:

Band (GHz)	WF4 Antenna Gain (dBi)	WF3 Antenna Gain (dBi)	WF2 Antenna Gain (dBi)	Uncorrelated Chains Directional Gain (dBi)
2.4	5.09	3.12	4.13	4.19

The TX chains are correlated and the antenna gain is unequal among the chains. The directional gain is:

Band (GHz)	WF4 Antenna Gain (dBi)	WF3 Antenna Gain (dBi)	WF2 Antenna Gain (dBi)	Correlated Chains Directional Gain (dBi)
2.4	5.09	3.12	4.13	8.92

RESULTS

ID:	30554	Date:	10/3/17
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4.4.1. 802.11b MODE

1TX Antenna WF4

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	5.09	30.00	30	36	30.00
Low 2	2417	5.09	30.00	30	36	30.00
Low 3	2422	5.09	30.00	30	36	30.00
Low 4	2427	5.09	30.00	30	36	30.00
Mid 6	2437	5.09	30.00	30	36	30.00
High 9	2452	5.09	30.00	30	36	30.00
High 10	2457	5.09	30.00	30	36	30.00
High 11	2462	5.09	30.00	30	36	30.00
High 12	2467	5.09	30.00	30	36	30.00
High 13	2472	5.09	30.00	30	36	30.00

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

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	18.71	18.71	30.00	-11.29
Low 2	2417	19.90	19.90	30.00	-10.10
Low 3	2422	20.78	20.78	30.00	-9.23
Low 4	2427	21.89	21.89	30.00	-8.11
Mid 6	2437	22.92	22.92	30.00	-7.08
High 9	2452	20.67	20.67	30.00	-9.33
High 10	2457	19.97	19.97	30.00	-10.04
High 11	2462	17.78	17.78	30.00	-12.22
High 12	2467	15.38	15.38	30.00	-14.62
High 13	2472	11.96	11.96	30.00	-18.04

1TX Antenna WF3

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	3.12	30.00	30	36	30.00
Low 2	2417	3.12	30.00	30	36	30.00
Low 3	2422	3.12	30.00	30	36	30.00
Low 4	2427	3.12	30.00	30	36	30.00
Mid 6	2437	3.12	30.00	30	36	30.00
High 9	2452	3.12	30.00	30	36	30.00
High 10	2457	3.12	30.00	30	36	30.00
High 11	2462	3.12	30.00	30	36	30.00
High 12	2467	3.12	30.00	30	36	30.00
High 13	2472	3.12	30.00	30	36	30.00

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

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	18.89	18.89	30.00	-11.12
Low 2	2417	19.99	19.99	30.00	-10.01
Low 3	2422	20.87	20.87	30.00	-9.13
Low 4	2427	21.90	21.90	30.00	-8.10
Mid 6	2437	22.97	22.97	30.00	-7.03
High 9	2452	20.87	20.87	30.00	-9.13
High 10	2457	19.95	19.95	30.00	-10.05
High 11	2462	17.91	17.91	30.00	-12.09
High 12	2467	15.49	15.49	30.00	-14.52
High 13	2472	11.82	11.82	30.00	-18.19

1TX Antenna WF2

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	4.13	30.00	30	36	30.00
Low 2	2417	4.13	30.00	30	36	30.00
Low 3	2422	4.13	30.00	30	36	30.00
Low 4	2427	4.13	30.00	30	36	30.00
Mid 6	2437	4.13	30.00	30	36	30.00
High 9	2452	4.13	30.00	30	36	30.00
High 10	2457	4.13	30.00	30	36	30.00
High 11	2462	4.13	30.00	30	36	30.00
High 12	2467	4.13	30.00	30	36	30.00
High 13	2472	4.13	30.00	30	36	30.00

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

Channel	Frequency (MHz)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	18.74	18.74	30.00	-11.26
Low 2	2417	19.97	19.97	30.00	-10.03
Low 3	2422	20.91	20.91	30.00	-9.09
Low 4	2427	21.95	21.95	30.00	-8.05
Mid 6	2437	22.90	22.90	30.00	-7.11
High 9	2452	20.77	20.77	30.00	-9.23
High 10	2457	19.76	19.76	30.00	-10.24
High 11	2462	17.90	17.90	30.00	-12.10
High 12	2467	15.39	15.39	30.00	-14.61
High 13	2472	11.93	11.93	30.00	-18.07

2TX Antenna WF4 + Antenna WF3 CDD mode

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	4.22	30.00	36	30.00
Low 2	2417	4.22	30.00	36	30.00
Low 3	2422	4.22	30.00	36	30.00
Low 4	2427	4.22	30.00	36	30.00
Mid 6	2437	4.22	30.00	36	30.00
High 8	2447	4.22	30.00	36	30.00
High 9	2452	4.22	30.00	36	30.00
High 10	2457	4.22	30.00	36	30.00
High 11	2462	4.22	30.00	36	30.00
High 12	2467	4.22	30.00	36	30.00
High 13	2472	4.22	30.00	36	30.00

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

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	18.43	18.48	21.46	30.00	-8.54
Low 2	2417	19.99	19.78	22.90	30.00	-7.10
Low 3	2422	19.87	19.74	22.81	30.00	-7.19
Low 4	2427	21.81	21.88	24.86	30.00	-5.14
Mid 6	2437	22.76	22.89	25.83	30.00	-4.17
High 8	2447	21.89	21.94	24.93	30.00	-5.07
High 9	2452	20.37	20.42	23.41	30.00	-6.59
High 10	2457	19.45	19.38	22.42	30.00	-7.58
High 11	2462	17.85	17.72	20.79	30.00	-9.21
High 12	2467	15.45	15.32	18.40	30.00	-11.60
High 13	2472	10.83	10.92	13.88	30.00	-16.12

2TX Antenna WF4 + Antenna WF2 CDD Mode

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	4.64	30.00	36	30.00
Low 2	2417	4.64	30.00	36	30.00
Low 3	2422	4.64	30.00	36	30.00
Low 4	2427	4.64	30.00	36	30.00
Mid 6	2437	4.64	30.00	36	30.00
High 8	2447	4.64	30.00	36	30.00
High 9	2452	4.64	30.00	36	30.00
High 10	2457	4.64	30.00	36	30.00
High 11	2462	4.64	30.00	36	30.00
High 12	2467	4.64	30.00	36	30.00
High 13	2472	4.64	30.00	36	30.00

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

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	18.36	18.43	21.40	30.00	-8.60
Low 2	2417	19.82	19.76	22.80	30.00	-7.20
Low 3	2422	19.92	19.90	22.92	30.00	-7.08
Low 4	2427	21.77	21.89	24.84	30.00	-5.16
Mid 6	2437	22.76	22.86	25.82	30.00	-4.18
High 8	2447	21.89	21.90	24.91	30.00	-5.09
High 9	2452	20.32	20.45	23.40	30.00	-6.60
High 10	2457	19.45	19.44	22.46	30.00	-7.54
High 11	2462	17.94	17.79	20.87	30.00	-9.13
High 12	2467	15.45	15.38	18.42	30.00	-11.58
High 13	2472	10.86	10.92	13.90	30.00	-16.10

2TX Antenna WF3 + Antenna WF2 CDD mode

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	3.65	30.00	36	30.00
Low 2	2417	3.65	30.00	36	30.00
Low 3	2422	3.65	30.00	36	30.00
Low 4	2427	3.65	30.00	36	30.00
Mid 6	2437	3.65	30.00	36	30.00
High 8	2447	3.65	30.00	36	30.00
High 9	2452	3.65	30.00	36	30.00
High 10	2457	3.65	30.00	36	30.00
High 11	2462	3.65	30.00	36	30.00
High 12	2467	3.65	30.00	36	30.00
High 13	2472	3.65	30.00	36	30.00

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

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	18.47	18.45	21.47	30.00	-8.53
Low 2	2417	19.90	19.82	22.87	30.00	-7.13
Low 3	2422	19.73	19.92	22.83	30.00	-7.17
Low 4	2427	21.76	21.83	24.81	30.00	-5.19
Mid 6	2437	22.95	22.75	25.86	30.00	-4.14
High 8	2447	21.82	21.83	24.84	30.00	-5.16
High 9	2452	20.48	20.38	23.44	30.00	-6.56
High 10	2457	19.36	19.37	22.38	30.00	-7.62
High 11	2462	17.83	17.91	20.88	30.00	-9.12
High 12	2467	15.47	15.43	18.46	30.00	-11.54
High 13	2472	10.70	10.89	13.81	30.00	-16.19

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

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	4.19	30.00	36	30.00
Low 2	2417	4.19	30.00	36	30.00
Low 3	2422	4.19	30.00	36	30.00
Low 4	2427	4.19	30.00	36	30.00
Low 5	2432	4.19	30.00	36	30.00
Mid 6	2437	4.19	30.00	36	30.00
High 7	2442	4.19	30.00	36	30.00
High 8	2447	4.19	30.00	36	30.00
High 9	2452	4.19	30.00	36	30.00
High 10	2457	4.19	30.00	36	30.00
High 11	2462	4.19	30.00	36	30.00
High 12	2467	4.19	30.00	36	30.00
High 13	2472	4.19	30.00	36	30.00

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

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	16.46	16.40	16.45	21.21	30.00	-8.79
Low 2	2417	18.36	18.43	18.38	23.16	30.00	-6.84
Low 3	2422	19.83	19.93	19.89	24.66	30.00	-5.34
Low 4	2427	20.89	20.98	20.94	25.71	30.00	-4.29
Low 5	2432	21.86	21.74	21.92	26.61	30.00	-3.39
Mid 6	2437	22.78	22.72	22.84	27.55	30.00	-2.45
High 7	2442	21.99	21.85	21.79	26.65	30.00	-3.35
High 8	2447	20.78	20.89	20.86	25.61	30.00	-4.39
High 9	2452	19.85	19.90	19.72	24.59	30.00	-5.41
High 10	2457	17.81	17.97	17.86	22.65	30.00	-7.35
High 11	2462	15.98	15.94	15.92	20.72	30.00	-9.28
High 12	2467	14.85	14.79	14.85	19.60	30.00	-10.40
High 13	2472	10.48	10.44	10.33	15.19	30.00	-14.81

4.4.2. 802.11n HT20 MODE

1TX Antenna WF4

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	5.09	30.00	30	36	30.00
Low 2	2417	5.09	30.00	30	36	30.00
Low 3	2422	5.09	30.00	30	36	30.00
Low 4	2427	5.09	30.00	30	36	30.00
Low 5	2432	5.09	30.00	30	36	30.00
Mid 6	2437	5.09	30.00	30	36	30.00
High 7	2442	5.09	30.00	30	36	30.00
High 8	2447	5.09	30.00	30	36	30.00
High 9	2452	5.09	30.00	30	36	30.00
High 10	2457	5.09	30.00	30	36	30.00
High 11	2462	5.09	30.00	30	36	30.00
High 12	2467	5.09	30.00	30	36	30.00
High 13	2472	5.09	30.00	30	36	30.00

Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd Power
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Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	21.75	21.98	30.00	-8.02
Low 2	2417	23.78	24.01	30.00	-5.99
Low 3	2422	25.17	25.40	30.00	-4.60
Low 4	2427	26.99	27.22	30.00	-2.78
Low 5	2432	27.62	27.85	30.00	-2.15
Mid 6	2437	28.15	28.38	30.00	-1.62
High 7	2442	28.28	28.51	30.00	-1.49
High 8	2447	27.42	27.65	30.00	-2.35
High 9	2452	26.27	26.50	30.00	-3.50
High 10	2457	23.48	23.71	30.00	-6.29
High 11	2462	22.59	22.82	30.00	-7.18
High 12	2467	20.02	20.25	30.00	-9.75
High 13	2472	2.93	3.16	30.00	-26.84

1TX Antenna WF3

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	3.12	30.00	30	36	30.00
Low 2	2417	3.12	30.00	30	36	30.00
Low 3	2422	3.12	30.00	30	36	30.00
Low 4	2427	3.12	30.00	30	36	30.00
Low 5	2432	3.12	30.00	30	36	30.00
Mid 6	2437	3.12	30.00	30	36	30.00
High 7	2442	3.12	30.00	30	36	30.00
High 8	2447	3.12	30.00	30	36	30.00
High 9	2452	3.12	30.00	30	36	30.00
High 10	2457	3.12	30.00	30	36	30.00
High 11	2462	3.12	30.00	30	36	30.00
High 12	2467	3.12	30.00	30	36	30.00
High 13	2472	3.12	30.00	30	36	30.00

Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd Power
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Results

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	21.19	21.42	30.00	-8.58
Low 2	2417	23.33	23.56	30.00	-6.44
Low 3	2422	25.46	25.69	30.00	-4.31
Low 4	2427	27.60	27.83	30.00	-2.17
Low 5	2432	27.94	28.17	30.00	-1.83
Mid 6	2437	28.29	28.52	30.00	-1.48
High 7	2442	28.07	28.30	30.00	-1.70
High 8	2447	27.54	27.77	30.00	-2.23
High 9	2452	26.08	26.31	30.00	-3.69
High 10	2457	23.61	23.84	30.00	-6.16
High 11	2462	22.44	22.67	30.00	-7.33
High 12	2467	19.64	19.87	30.00	-10.13
High 13	2472	10.63	10.86	30.00	-19.14

1TX Antenna WF2

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC Power Limit (dBm)	IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	4.13	30.00	30	36	30.00
Low 2	2417	4.13	30.00	30	36	30.00
Low 3	2422	4.13	30.00	30	36	30.00
Low 4	2427	4.13	30.00	30	36	30.00
Low 5	2432	4.13	30.00	30	36	30.00
Mid 6	2437	4.13	30.00	30	36	30.00
High 7	2442	4.13	30.00	30	36	30.00
high 8	2447	4.13	30.00	30	36	30.00
High 9	2452	4.13	30.00	30	36	30.00
High 10	2457	4.13	30.00	30	36	30.00
High 11	2462	4.13	30.00	30	36	30.00
High 12	2467	4.13	30.00	30	36	30.00
High 13	2472	4.13	30.00	30	36	30.00

Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd Power
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Results

Channel	Frequency (MHz)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	21.53	21.76	30.00	-8.24
Low 2	2417	23.61	23.84	30.00	-6.16
Low 3	2422	24.97	25.20	30.00	-4.80
Low 4	2427	26.81	27.04	30.00	-2.96
Low 5	2432	27.44	27.67	30.00	-2.33
Mid 6	2437	28.58	28.81	30.00	-1.19
High 7	2442	28.05	28.28	30.00	-1.72
high 8	2447	27.10	27.33	30.00	-2.67
High 9	2452	26.31	26.54	30.00	-3.46
High 10	2457	23.11	23.34	30.00	-6.66
High 11	2462	22.01	22.24	30.00	-7.76
High 12	2467	20.13	20.36	30.00	-9.64
High 13	2472	10.95	11.18	30.00	-18.82

4.4.3. 802.11n HT20 CDD AND BF MODE

2TX Antenna WF4 + Antenna WF3 CDD mode

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	4.22	30.00	36	30.00
Low 2	2417	4.22	30.00	36	30.00
Low 3	2422	4.22	30.00	36	30.00
Low 4	2427	4.22	30.00	36	30.00
Mid 6	2437	4.22	30.00	36	30.00
High 8	2447	4.22	30.00	36	30.00
High 9	2452	4.22	30.00	36	30.00
High 10	2457	4.22	30.00	36	30.00
High 11	2462	4.22	30.00	36	30.00
High 12	2467	4.22	30.00	36	30.00
High 13	2472	4.22	30.00	36	30.00

Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd Power
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Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	18.35	18.53	21.69	30.00	-8.31
Low 2	2417	20.81	20.64	23.98	30.00	-6.02
Low 3	2422	23.96	23.66	27.06	30.00	-2.94
Low 4	2427	25.43	25.12	28.53	30.00	-1.47
Mid 6	2437	26.21	26.00	29.36	30.00	-0.64
High 8	2447	25.04	24.86	28.20	30.00	-1.80
High 9	2452	24.01	23.98	27.25	30.00	-2.75
High 10	2457	22.74	22.68	25.96	30.00	-4.04
High 11	2462	20.11	19.85	23.23	30.00	-6.77
High 12	2467	17.19	17.01	20.35	30.00	-9.65
High 13	2472	7.91	8.06	11.24	30.00	-18.76

2TX Antenna WF4 + Antenna WF3 BF mode

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	4.22	30.00	36	30.00
Low 2	2417	4.22	30.00	36	30.00
Low 3	2422	4.22	30.00	36	30.00
Low 4	2427	4.22	30.00	36	30.00
Low 5	2432	4.22	30.00	36	30.00
Mid 6	2437	4.22	30.00	36	30.00
High 7	2442	4.22	30.00	36	30.00
High 8	2447	4.22	30.00	36	30.00
High 9	2452	4.22	30.00	36	30.00
High 10	2457	4.22	30.00	36	30.00
High 11	2462	4.22	30.00	36	30.00
High 12	2467	4.22	30.00	36	30.00
High 13	2472	4.22	30.00	36	30.00

Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd Power
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Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	17.09	17.24	20.29	30.00	-9.71
Low 2	2417	20.08	20.07	23.20	30.00	-6.80
Low 3	2422	21.68	21.32	24.63	30.00	-5.37
Low 4	2427	22.82	22.69	25.89	30.00	-4.11
Low 5	2432	23.22	22.88	26.18	30.00	-3.82
Mid 6	2437	24.06	23.87	27.10	30.00	-2.90
High 7	2442	23.39	23.33	26.49	30.00	-3.51
High 8	2447	22.12	22.19	25.29	30.00	-4.71
High 9	2452	21.03	20.73	24.02	30.00	-5.98
High 10	2457	19.71	19.60	22.78	30.00	-7.22
High 11	2462	15.57	17.15	19.56	30.00	-10.44
High 12	2467	15.33	15.23	18.41	30.00	-11.59
High 13	2472	8.15	8.22	11.31	30.00	-18.69

2TX Antenna WF4 + Antenna WF2 CDD Mode

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	4.64	30.00	36	30.00
Low 2	2417	4.64	30.00	36	30.00
Low 3	2422	4.64	30.00	36	30.00
Low 4	2427	4.64	30.00	36	30.00
Mid 6	2437	4.64	30.00	36	30.00
High 8	2447	4.64	30.00	36	30.00
High 9	2452	4.64	30.00	36	30.00
High 10	2457	4.64	30.00	36	30.00
High 11	2462	4.64	30.00	36	30.00
High 12	2467	4.64	30.00	36	30.00
High 13	2472	4.64	30.00	36	30.00

Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd Power
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Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	18.34	18.41	21.63	30.00	-8.37
Low 2	2417	20.71	20.66	23.94	30.00	-6.06
Low 3	2422	23.79	23.88	27.09	30.00	-2.91
Low 4	2427	24.62	24.77	27.95	30.00	-2.05
Mid 6	2437	26.11	25.88	29.25	30.00	-0.75
High 8	2447	25.09	25.72	28.67	30.00	-1.33
High 9	2452	23.83	24.29	27.32	30.00	-2.68
High 10	2457	22.32	22.78	25.81	30.00	-4.19
High 11	2462	19.96	20.22	23.34	30.00	-6.66
High 12	2467	17.01	17.28	20.40	30.00	-9.60
High 13	2472	7.87	8.16	11.27	30.00	-18.73

2TX Antenna WF4 + Antenna WF2 BF mode

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	4.64	30.00	36	30.00
Low 2	2417	4.64	30.00	36	30.00
Low 3	2422	4.64	30.00	36	30.00
Low 4	2427	4.64	30.00	36	30.00
Mid 6	2437	4.64	30.00	36	30.00
High 8	2447	4.64	30.00	36	30.00
High 9	2452	4.64	30.00	36	30.00
High 10	2457	4.64	30.00	36	30.00
High 11	2462	4.64	30.00	36	30.00
High 12	2467	4.64	30.00	36	30.00
High 13	2472	4.64	30.00	36	30.00

Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd Power
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Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	17.28	17.04	20.29	30.00	-9.71
Low 2	2417	20.07	19.83	23.08	30.00	-6.92
Low 3	2422	21.10	21.09	24.23	30.00	-5.77
Low 4	2427	22.90	22.50	25.84	30.00	-4.16
Mid 6	2437	23.96	23.76	26.99	30.00	-3.01
High 8	2447	22.24	22.27	25.38	30.00	-4.62
High 9	2452	20.66	21.02	23.97	30.00	-6.03
High 10	2457	19.65	19.51	22.71	30.00	-7.29
High 11	2462	17.38	17.34	20.49	30.00	-9.51
High 12	2467	15.80	15.21	18.65	30.00	-11.35
High 13	2472	7.91	7.99	11.08	30.00	-18.92

2TX Antenna WF3 + Antenna WF2 CDD mode

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	3.65	30.00	36	30.00
Low 2	2417	3.65	30.00	36	30.00
Low 3	2422	3.65	30.00	36	30.00
Low 4	2427	3.65	30.00	36	30.00
Mid 6	2437	3.65	30.00	36	30.00
High 8	2447	3.65	30.00	36	30.00
High 9	2452	3.65	30.00	36	30.00
High 10	2457	3.65	30.00	36	30.00
High 11	2462	3.65	30.00	36	30.00
High 12	2467	3.65	30.00	36	30.00
High 13	2472	3.65	30.00	36	30.00

Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd Power
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Results

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	18.44	18.31	21.63	30.00	-8.37
Low 2	2417	20.50	20.72	23.86	30.00	-6.14
Low 3	2422	23.52	23.81	26.92	30.00	-3.08
Low 4	2427	24.95	24.67	28.06	30.00	-1.94
Mid 6	2437	26.09	25.80	29.20	30.00	-0.80
High 8	2447	24.78	25.00	28.14	30.00	-1.86
High 9	2452	23.82	24.37	27.35	30.00	-2.65
High 10	2457	22.77	22.69	25.98	30.00	-4.02
High 11	2462	20.12	20.32	23.47	30.00	-6.53
High 12	2467	16.80	17.33	20.32	30.00	-9.68
High 13	2472	8.15	8.20	11.43	30.00	-18.57

2TX Antenna WF3 + Antenna WF2 BF mode

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	3.65	30.00	36	30.00
Low 2	2417	3.65	30.00	36	30.00
Low 3	2422	3.65	30.00	36	30.00
Low 4	2427	3.65	30.00	36	30.00
Mid 6	2437	3.65	30.00	36	30.00
High 8	2447	3.65	30.00	36	30.00
High 9	2452	3.65	30.00	36	30.00
High 10	2457	3.65	30.00	36	30.00
High 11	2462	3.65	30.00	36	30.00
High 12	2467	3.65	30.00	36	30.00
High 13	2472	3.65	30.00	36	30.00

Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd Power
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Results

Channel	Frequency (MHz)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	17.00	17.04	20.15	30.00	-9.85
Low 2	2417	20.07	19.83	23.08	30.00	-6.92
Low 3	2422	21.32	21.09	24.34	30.00	-5.66
Low 4	2427	22.69	22.50	25.73	30.00	-4.27
Mid 6	2437	23.87	23.76	26.95	30.00	-3.05
High 8	2447	22.19	22.27	25.36	30.00	-4.64
High 9	2452	20.73	21.02	24.01	30.00	-5.99
High 10	2457	19.60	19.51	22.68	30.00	-7.32
High 11	2462	17.15	17.34	20.38	30.00	-9.62
High 12	2467	15.23	15.21	18.35	30.00	-11.65
High 13	2472	8.22	7.99	11.24	30.00	-18.76

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

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	4.19	30.00	36	30.00
Low 2	2417	4.19	30.00	36	30.00
Low 3	2422	4.19	30.00	36	30.00
Low 4	2427	4.19	30.00	36	30.00
Mid 6	2437	4.19	30.00	36	30.00
High 8	2447	4.19	30.00	36	30.00
High 9	2452	4.19	30.00	36	30.00
High 10	2457	4.19	30.00	36	30.00
High 11	2462	4.19	30.00	36	30.00
High 12	2467	4.19	30.00	36	30.00
High 13	2472	4.19	30.00	36	30.00

Duty Cycle CF (dB)	0.24	Included in Calculations of Corr'd Power
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Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	17.88	17.41	17.39	22.58	30.00	-7.42
Low 2	2417	21.02	21.44	20.96	26.16	30.00	-3.84
Low 3	2422	22.49	22.22	22.91	27.56	30.00	-2.44
Low 4	2427	23.65	23.51	23.20	28.47	30.00	-1.53
Mid 6	2437	24.36	23.81	24.05	29.09	30.00	-0.91
High 8	2447	23.58	23.48	23.19	28.43	30.00	-1.57
High 9	2452	22.38	22.66	22.50	27.53	30.00	-2.47
High 10	2457	21.62	21.37	21.78	26.60	30.00	-3.40
High 11	2462	18.12	18.53	18.35	23.35	30.00	-6.65
High 12	2467	16.88	16.71	16.98	21.87	30.00	-8.13
High 13	2472	7.60	7.24	7.89	12.60	30.00	-17.40

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

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/IC Power Limit (dBm)	IC EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	4.19	30.00	36	30.00
Low 2	2417	4.19	30.00	36	30.00
Low 3	2422	4.19	30.00	36	30.00
Low 4	2427	4.19	30.00	36	30.00
Low 5	2432	4.19	30.00	36	30.00
Mid 6	2437	4.19	30.00	36	30.00
High 7	2442	4.19	30.00	36	30.00
High 8	2447	4.19	30.00	36	30.00
High 9	2452	4.19	30.00	36	30.00
High 10	2457	4.19	30.00	36	30.00
High 11	2462	4.19	30.00	36	30.00
High 12	2467	4.19	30.00	36	30.00
High 13	2472	4.19	30.00	36	30.00

Duty Cycle CF (dB)	0.15	Included in Calculations of Corr'd Power
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Results

Channel	Frequency (MHz)	WF4 Meas Power (dBm)	WF3 Meas Power (dBm)	WF2 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 1	2412	17.55	17.38	17.65	22.45	30.00	-7.55
Low 2	2417	20.36	20.17	20.49	25.26	30.00	-4.74
Low 3	2422	21.88	21.66	21.93	26.75	30.00	-3.25
Low 4	2427	23.08	22.83	23.22	27.97	30.00	-2.03
Low 5	2432	23.41	23.15	23.58	28.30	30.00	-1.70
Mid 6	2437	24.27	24.03	24.31	29.13	30.00	-0.87
High 7	2442	23.88	23.62	23.89	28.72	30.00	-1.28
High 8	2447	22.71	22.31	22.83	27.54	30.00	-2.46
High 9	2452	21.33	20.95	21.36	26.14	30.00	-3.86
High 10	2457	20.00	19.89	20.09	24.91	30.00	-5.09
High 11	2462	17.67	17.32	17.62	22.46	30.00	-7.54
High 12	2467	15.49	15.35	15.64	20.42	30.00	-9.58
High 13	2472	6.51	6.03	6.49	11.27	30.00	-18.73

4.5. AVERAGE POWER

ID:	30554	Date:	10/3/17
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LIMITS

None; for reporting purposes only

TEST PROCEDURE

The transmitter output is connected to a power meter.

The cable assembly insertion loss of 11 dB (including 10 dB pad and 1 dB cable) was entered as an offset in the power meter to allow for direct reading of power.

RESULTS

4.5.1. 802.11n HT20 MODE

1TX Antenna WF4

Channel	Frequency (MHz)	WF1 Power (dBm)
Low 1	2412	14.44
Low 2	2417	16.46
Low 3	2422	17.88
Low 4	2427	19.98
Low 5	2432	20.45
Mid 6	2437	21.93
High 7	2442	20.41
High 8	2447	19.35
High 9	2452	18.37
High 10	2457	15.99
High 11	2462	14.47
High 12	2467	11.91
High 13	2472	2.93

1TX Antenna WF3

Channel	Frequency (MHz)	WF2 Power (dBm)
Low 1	2412	14.38
Low 2	2417	16.36
Low 3	2422	17.96
Low 4	2427	19.92
Low 5	2432	20.37
Mid 6	2437	21.83
High 7	2442	20.49
High 8	2447	19.47
High 9	2452	18.41
High 10	2457	15.89
High 11	2462	14.43
High 12	2467	11.95
High 13	2472	2.94

1TX Antenna WF2

Channel	Frequency (MHz)	WF3 Power (dBm)
Low 1	2412	14.28
Low 2	2417	16.44
Low 3	2422	17.96
Low 4	2427	19.75
Low 5	2432	20.41
Mid 6	2437	21.82
High 7	2442	20.34
High 8	2447	19.41
High 9	2452	18.33
High 10	2457	15.87
High 11	2462	14.34
High 12	2467	11.93
High 13	2472	2.79

4.5.2. 802.11n HT20 CDD AND BF Mode

2TX Antenna WF4 + Antenna WF3 CDD mode

Channel	Frequency (MHz)	WF4 Power (dBm)	WF3 Power (dBm)	Total Power (dBm)
Low 1	2412	11.78	11.84	14.82
Low 2	2417	14.29	14.40	17.36
Low 3	2422	17.35	17.49	20.43
Low 4	2427	19.41	19.44	22.44
Mid 6	2437	19.90	19.97	22.95
High 8	2447	18.80	18.94	21.88
High 9	2452	16.77	16.83	19.81
High 10	2457	15.36	15.43	18.41
High 11	2462	12.89	12.99	15.95
High 12	2467	9.79	9.85	12.83
High 13	2472	0.89	0.97	3.94

2TX Antenna WF4 + Antenna WF3 BF mode

Channel	Frequency (MHz)	WF4 Power (dBm)	WF3 Power (dBm)	Total Power (dBm)
Low 1	2412	10.80	10.89	13.86
Low 2	2417	13.94	13.99	16.98
Low 3	2422	15.45	15.47	18.47
Low 4	2427	16.85	16.97	19.92
Low 5	2432	17.42	17.49	20.47
Mid 6	2437	18.41	18.49	21.46
High 7	2442	17.87	17.91	20.90
High 8	2447	16.40	16.48	19.45
High 9	2452	14.87	14.92	17.91
High 10	2457	13.44	13.48	16.47
High 11	2462	10.89	10.94	13.93
High 12	2467	8.85	8.94	11.91
High 13	2472	0.39	0.48	3.45

2TX Antenna WF4 + Antenna WF2 CDD Mode

Channel	Frequency (MHz)	WF4 Power (dBm)	WF2 Power (dBm)	Total Power (dBm)
Low 1	2412	11.94	11.97	14.97
Low 2	2417	14.33	14.47	17.41
Low 3	2422	17.43	17.49	20.47
Low 4	2427	19.46	19.48	22.48
Mid 6	2437	19.87	19.95	22.92
High 8	2447	18.88	18.97	21.94
High 9	2452	16.97	16.99	19.99
High 10	2457	15.40	15.48	18.45
High 11	2462	12.87	12.96	15.93
High 12	2467	9.91	9.99	12.96
High 13	2472	0.80	0.94	3.88

2TX Antenna WF4 + Antenna WF2 BF mode

Channel	Frequency (MHz)	WF4 Power (dBm)	WF2 Power (dBm)	Total Power (dBm)
Low 1	2412	10.82	10.95	13.90
Low 2	2417	13.94	13.98	16.97
Low 3	2422	15.40	15.49	18.46
Low 4	2427	16.87	16.98	19.94
Mid 6	2437	18.42	18.49	21.47
High 8	2447	16.46	16.49	19.49
High 9	2452	14.77	14.89	17.84
High 10	2457	13.42	13.48	16.46
High 11	2462	10.75	10.97	13.87
High 12	2467	8.80	8.87	11.85
High 13	2472	0.44	0.49	3.48

2TX Antenna WF3 + Antenna WF2 CDD mode

Channel	Frequency (MHz)	WF3 Power (dBm)	WF2 Power (dBm)	Total Power (dBm)
Low 1	2412	11.84	11.88	14.87
Low 2	2417	14.42	14.46	17.45
Low 3	2422	17.35	17.41	20.39
Low 4	2427	19.44	19.49	22.48
Mid 6	2437	19.78	19.82	22.81
High 8	2447	18.84	18.89	21.88
High 9	2452	16.86	16.90	19.89
High 10	2457	15.46	15.48	18.48
High 11	2462	12.79	12.84	15.83
High 12	2467	9.90	9.98	12.95
High 13	2472	0.77	0.85	3.82

2TX Antenna WF3 + Antenna WF2 BF mode

Channel	Frequency (MHz)	WF3 Power (dBm)	WF2 Power (dBm)	Total Power (dBm)
Low 1	2412	10.92	10.83	13.89
Low 2	2417	13.85	13.81	16.84
Low 3	2422	15.40	15.35	18.39
Low 4	2427	16.83	16.72	19.79
Mid 6	2437	18.44	18.36	21.41
High 8	2447	16.38	16.35	19.38
High 9	2452	14.79	14.77	17.79
High 10	2457	13.42	13.40	16.42
High 11	2462	10.88	10.85	13.88
High 12	2467	8.79	8.74	11.78
High 13	2472	0.47	0.46	3.48

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

Channel	Frequency (MHz)	WF4 Power (dBm)	WF3 Power (dBm)	WF2 Power (dBm)	Total Power (dBm)
Low 1	2412	11.40	11.38	11.47	16.19
Low 2	2417	14.39	14.42	14.49	19.20
Low 3	2422	15.75	15.74	15.93	20.58
Low 4	2427	18.84	18.80	18.90	23.62
Mid 6	2437	19.87	19.79	19.89	24.62
High 8	2447	18.84	18.76	18.98	23.63
High 9	2452	15.80	15.72	15.91	20.58
High 10	2457	14.86	14.77	14.98	19.64
High 11	2462	12.41	12.36	12.45	17.18
High 12	2467	9.87	9.79	9.96	14.65
High 13	2472	-0.01	-0.03	-0.05	4.74

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

Channel	Frequency (MHz)	WF4 Power (dBm)	WF3 Power (dBm)	WF2 Power (dBm)	Total Power (dBm)
Low 1	2412	10.79	10.84	10.94	15.63
Low 2	2417	13.86	13.94	13.99	18.70
Low 3	2422	15.44	15.41	15.48	20.21
Low 4	2427	16.99	16.82	16.96	21.70
Low 5	2432	17.40	17.42	17.49	22.21
Mid 6	2437	18.46	18.39	18.46	23.21
High 7	2442	17.77	17.89	17.94	22.64
High 8	2447	16.41	16.37	16.47	21.19
High 9	2452	14.85	14.81	14.91	19.63
High 10	2457	13.40	13.44	13.48	18.21
High 11	2462	10.93	10.77	10.95	15.66
High 12	2467	8.96	8.75	8.99	13.67
High 13	2472	-0.07	-0.02	-0.04	4.73

4.6. POWER SPECTRAL DENSITY

LIMITS

FCC §15.247 (e)

IC RSS-247 (6.2.4)

The power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

RESULTS

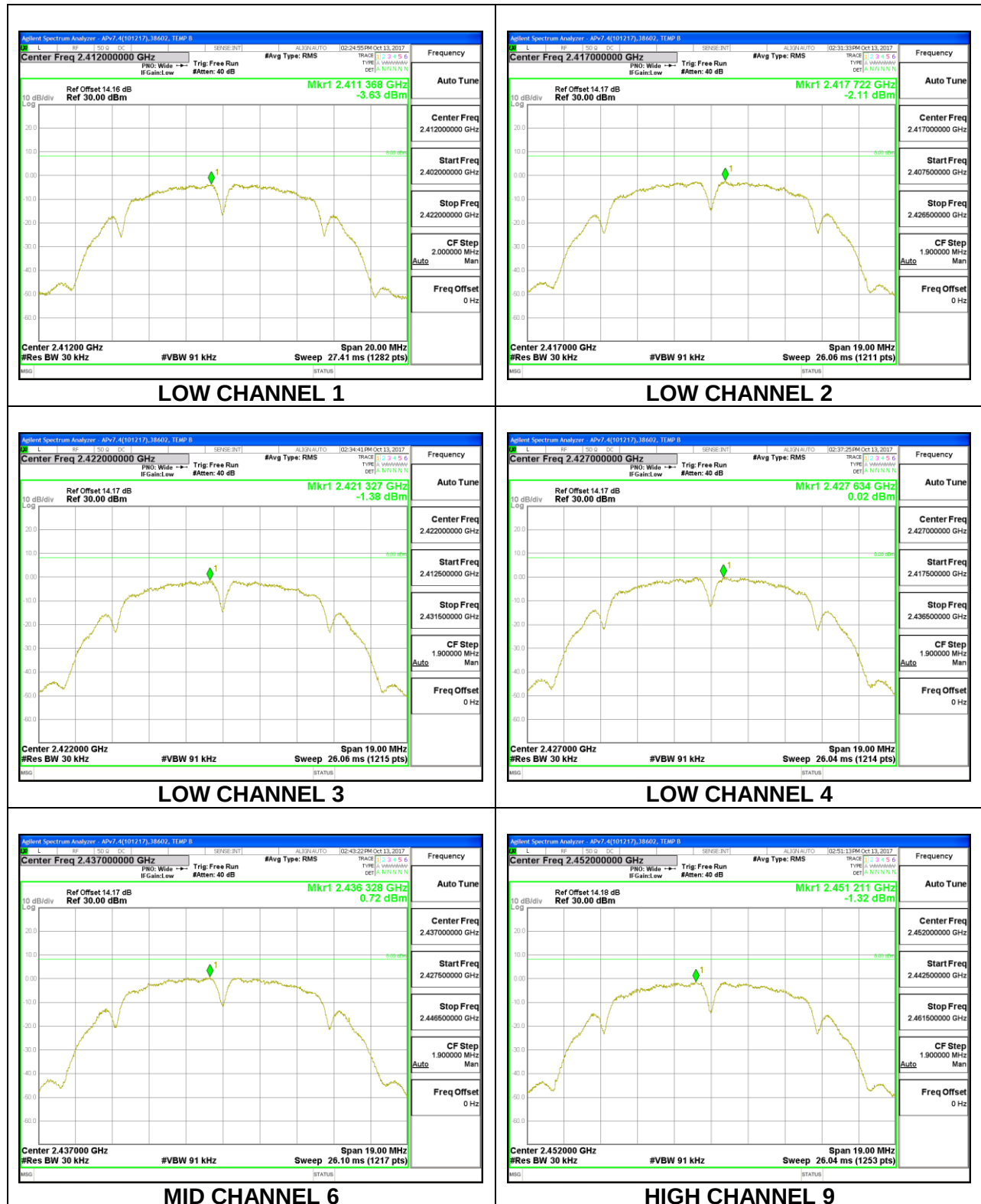
4.6.1. 802.11b MODE

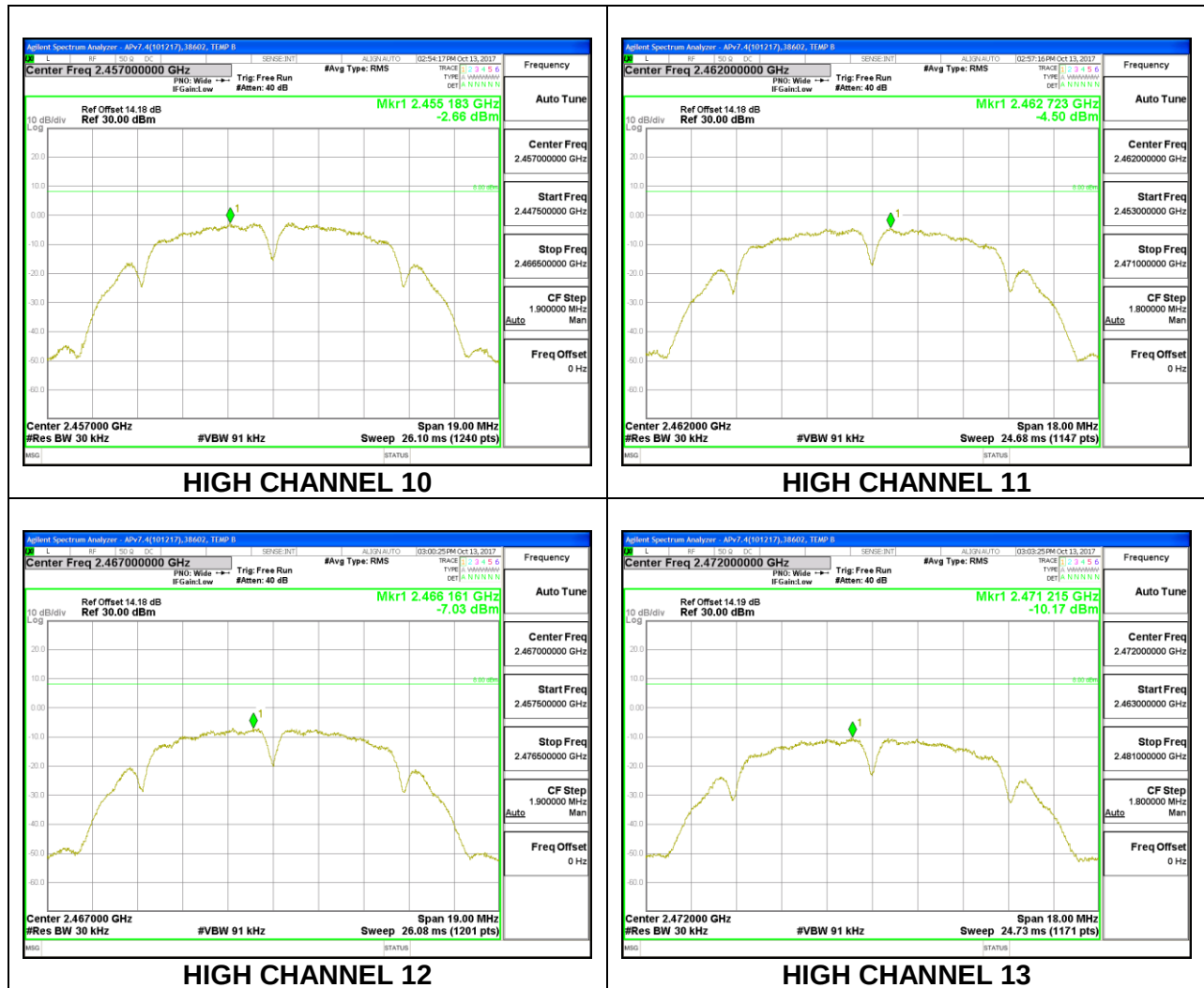
1TX Antenna WF4

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

Channel	Frequency (MHz)	WF4 Meas (dBm)	Total Corr'd PSD (dBm/3KHz)	Limit (dBm/3KHz)	Margin (dB)
Low 1	2412	-3.63	-3.63	8.0	-11.6
Low 2	2417	-2.11	-2.11	8.0	-10.1
Low 3	2422	-1.38	-1.38	8.0	-9.4
Low 4	2427	0.02	0.02	8.0	-8.0
Mid 6	2437	0.72	0.72	8.0	-7.3
High 9	2452	-1.32	-1.32	8.0	-9.3
High 10	2457	-2.66	-2.66	8.0	-10.7
High 11	2462	-4.50	-4.50	8.0	-12.5
High 12	2467	-7.03	-7.03	8.0	-15.0
High 13	2472	-10.17	-10.17	8.0	-18.2



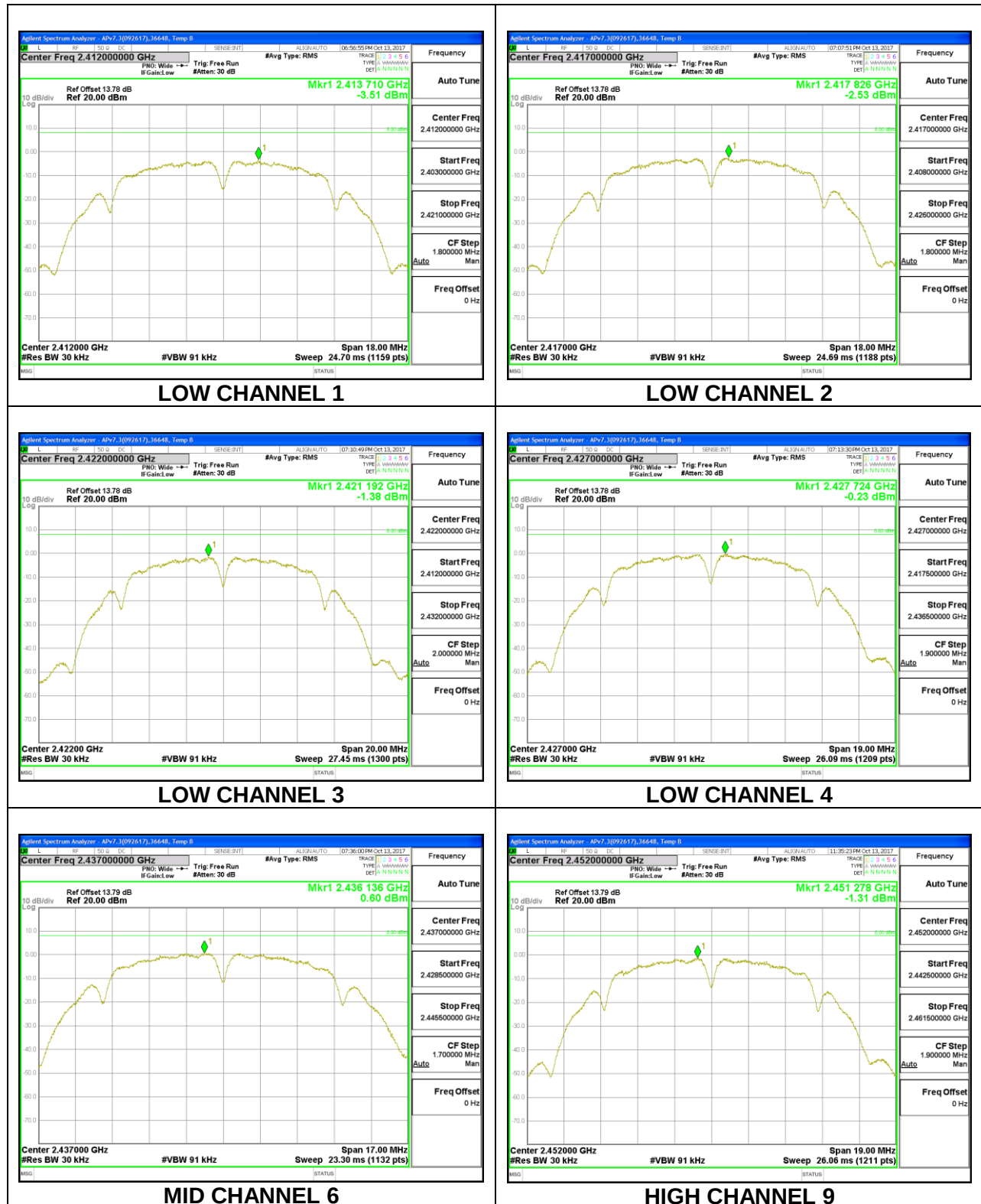


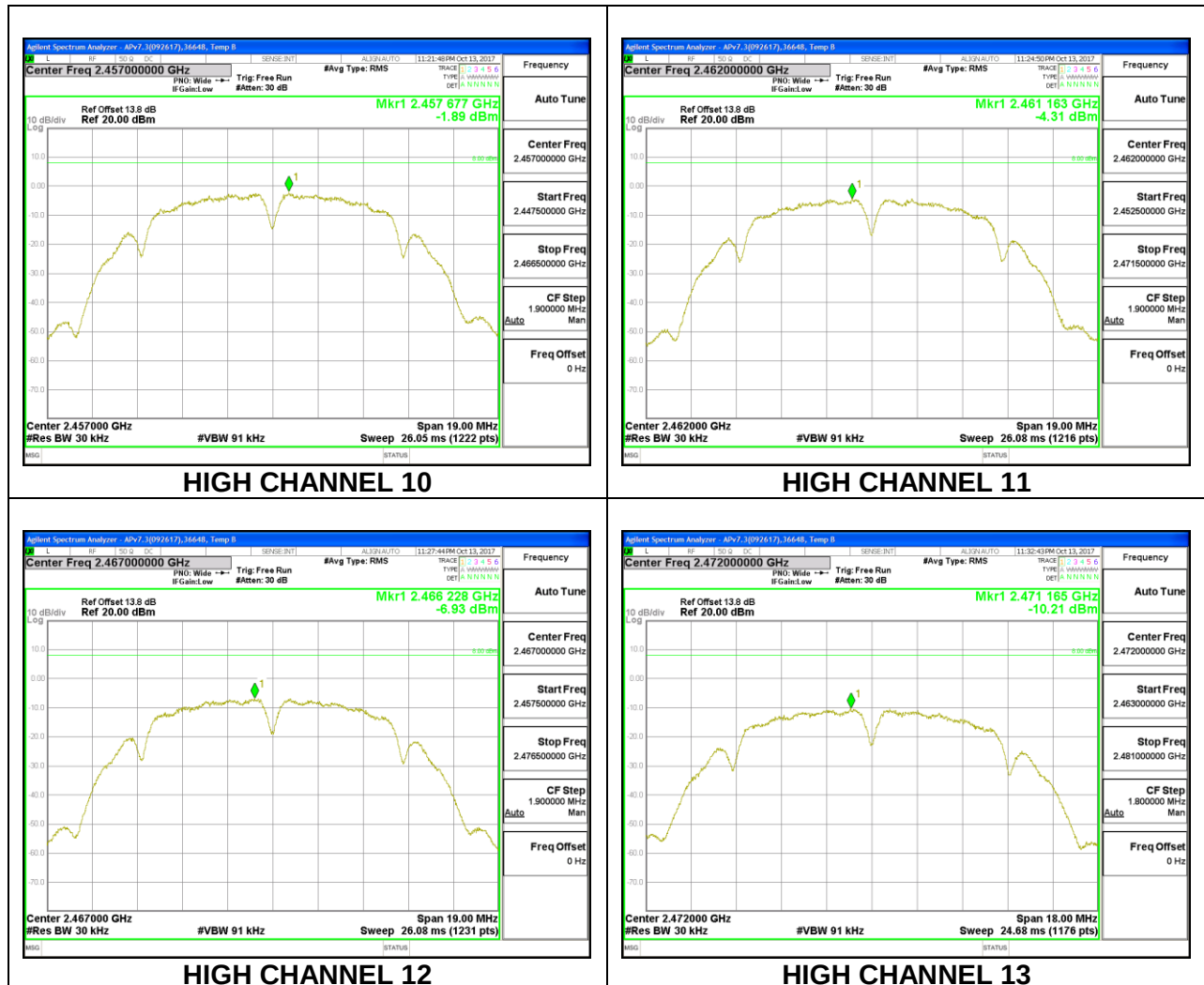
1TX Antenna WF3

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

Channel	Frequency (MHz)	WF3 Meas (dBm)	Total Corr'd PSD (dBm/3KHz)	Limit (dBm/3KHz)	Margin (dB)
Low 1	2412	-3.51	-3.51	8.0	-11.5
Low 2	2417	-2.53	-2.53	8.0	-10.5
Low 3	2422	-1.38	-1.38	8.0	-9.4
Low 4	2427	-0.23	-0.23	8.0	-8.2
Mid 6	2437	0.60	0.60	8.0	-7.4
High 9	2452	-1.31	-1.31	8.0	-9.3
High 10	2457	-1.89	-1.89	8.0	-9.9
High 11	2462	-4.31	-4.31	8.0	-12.3
High 12	2467	-6.93	-6.93	8.0	-14.9
High 13	2472	-10.21	-10.21	8.0	-18.2





1TX Antenna WF2

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

Channel	Frequency (MHz)	WF2 Meas (dBm)	Total Corr'd PSD (dBm/3KHz)	Limit (dBm/3KHz)	Margin (dB)
Low 1	2412	-3.53	-3.53	8.0	-11.5
Low 2	2417	-2.11	-2.11	8.0	-10.1
Low 3	2422	-1.33	-1.33	8.0	-9.3
Low 4	2427	-0.56	-0.56	8.0	-8.6
Mid 6	2437	0.80	0.80	8.0	-7.2
High 9	2452	-1.25	-1.25	8.0	-9.3
High 10	2457	-2.45	-2.45	8.0	-10.5
High 11	2462	-4.46	-4.46	8.0	-12.5
High 12	2467	-6.71	-6.71	8.0	-14.7
High 13	2472	-10.43	-10.43	8.0	-18.4

