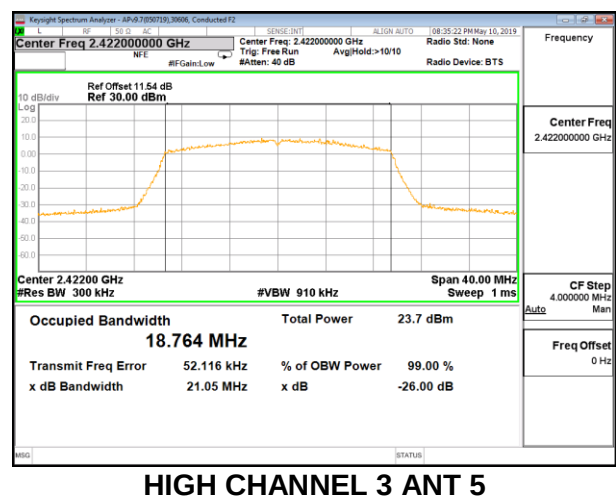
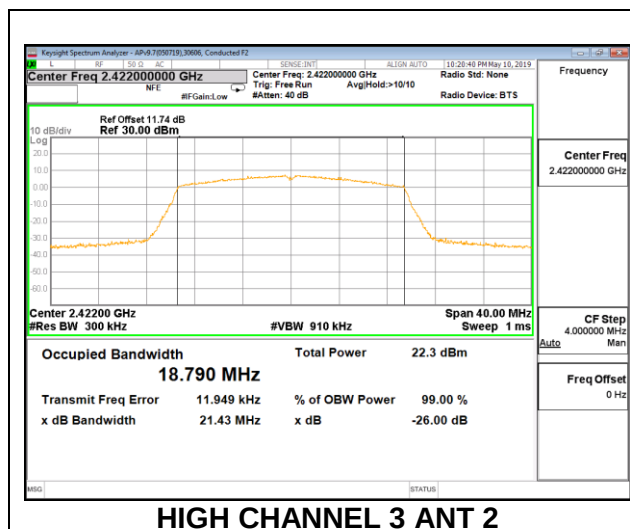
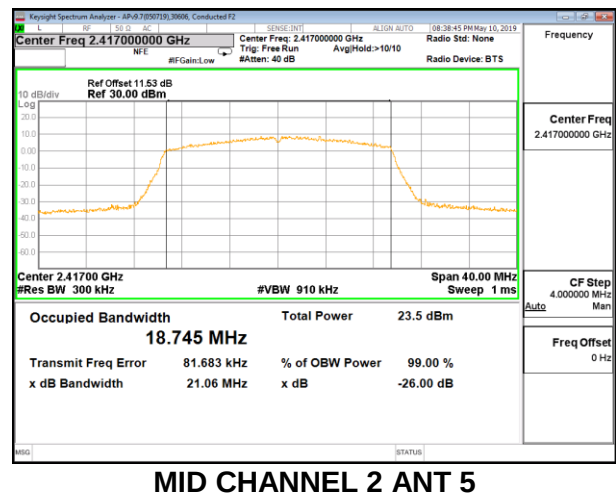
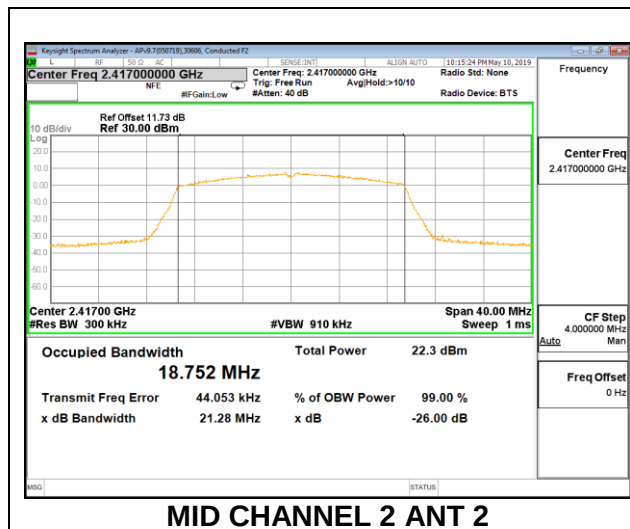
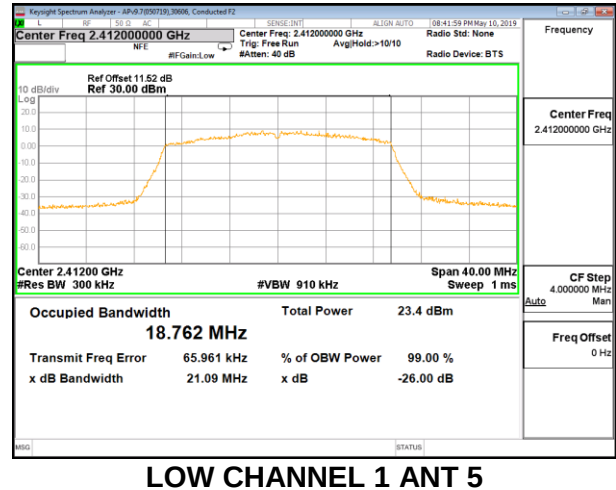
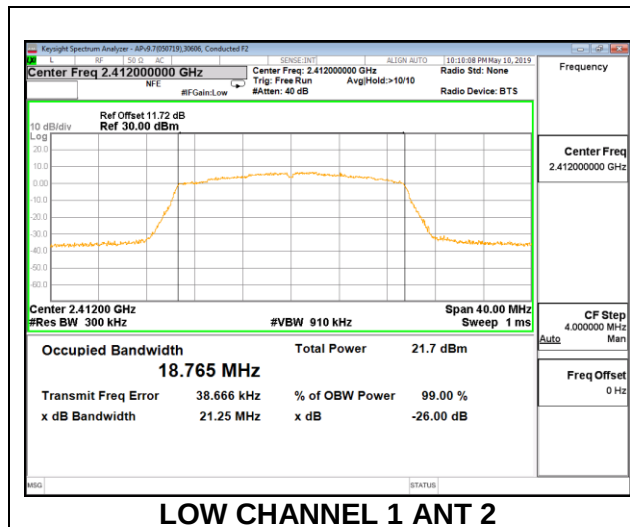
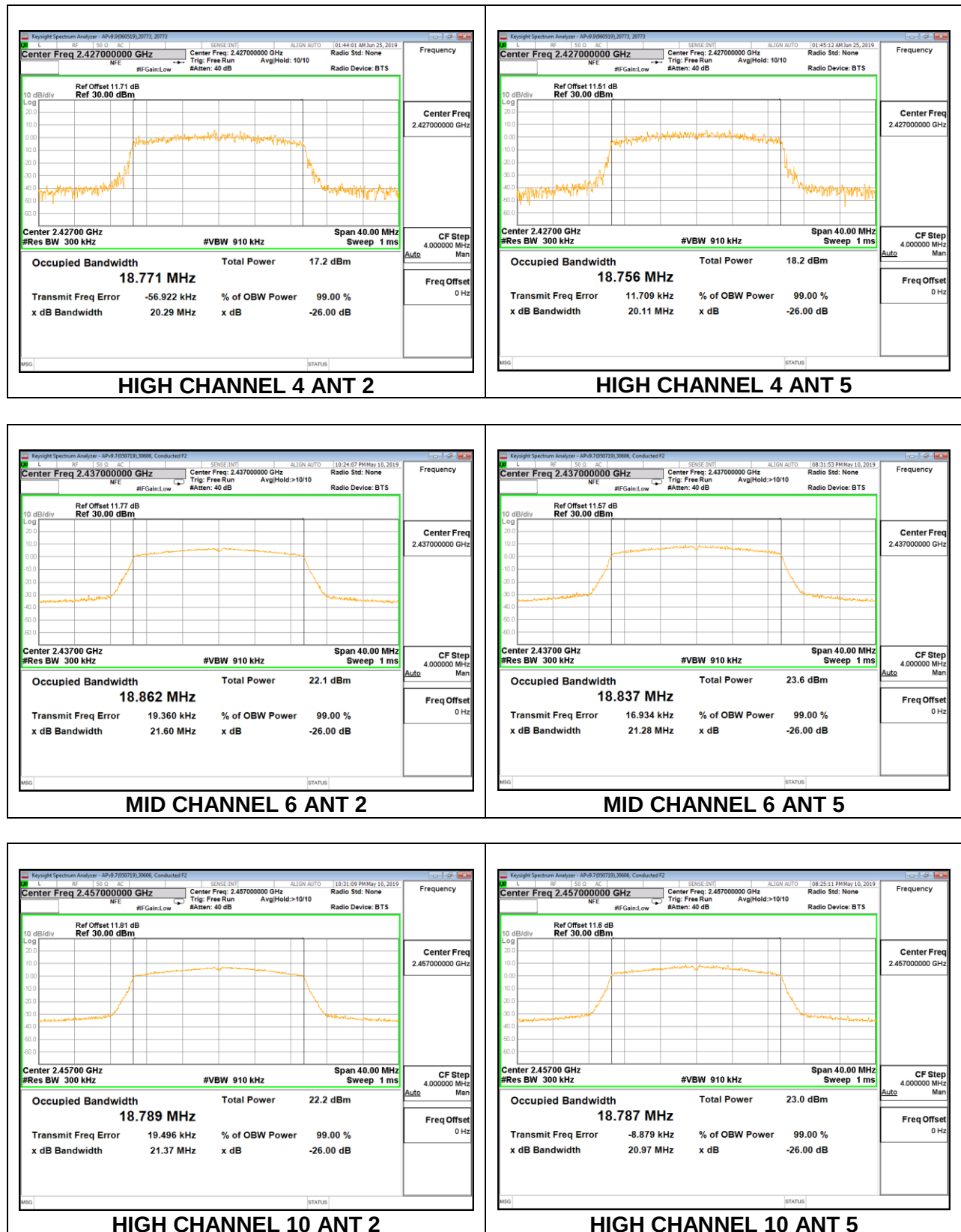
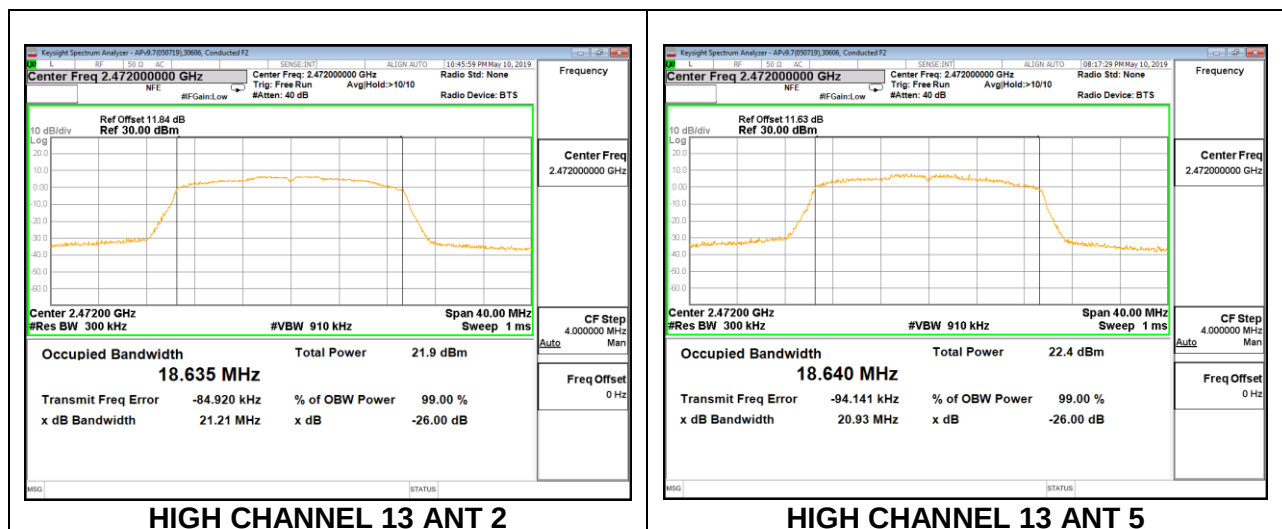
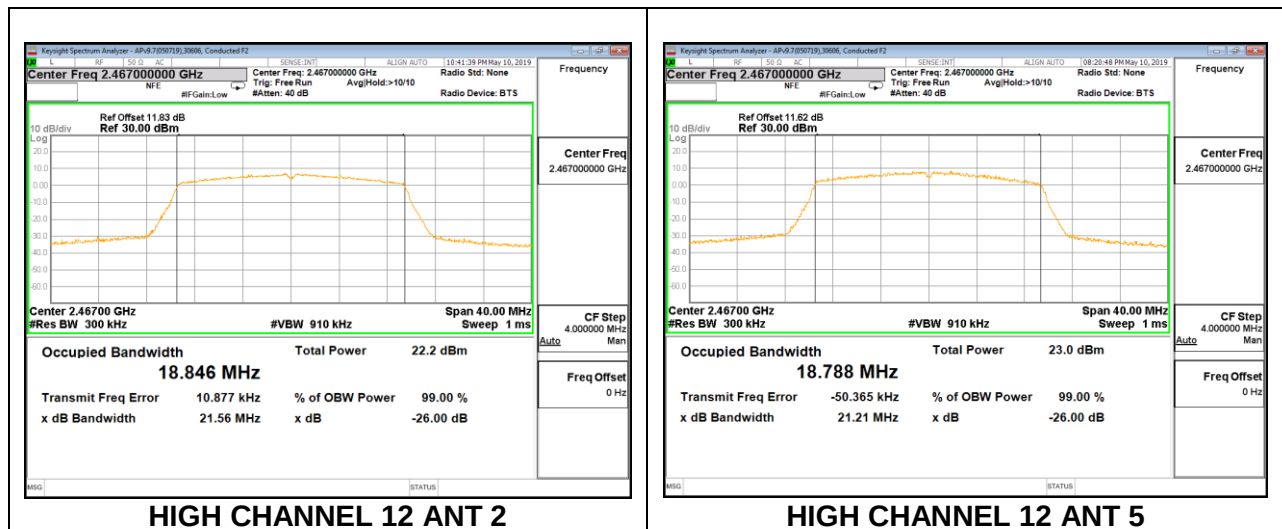
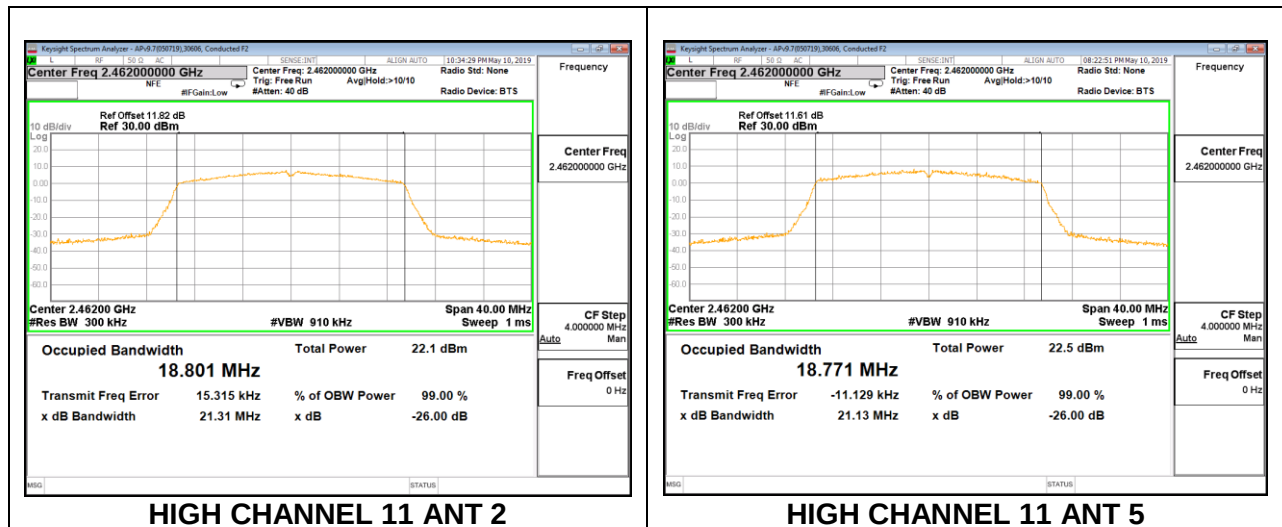








8.3. 6 dB BANDWIDTH

LIMITS

FCC §15.247 (a) (2)

RSS-247 5.2 (a)

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

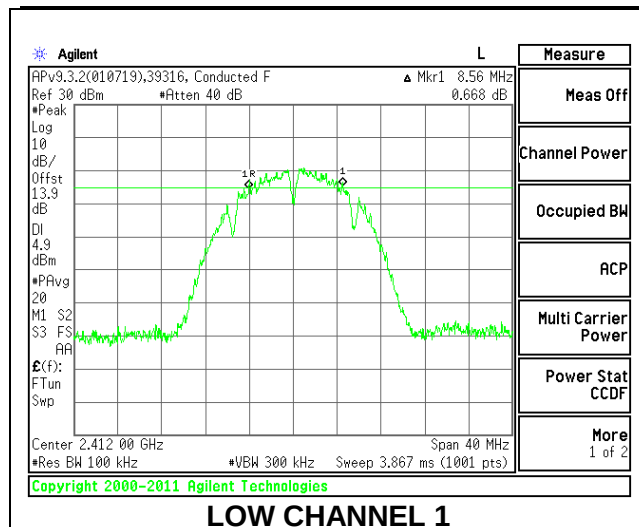
RESULTS

ID:	39316	Date:	5/6/2019
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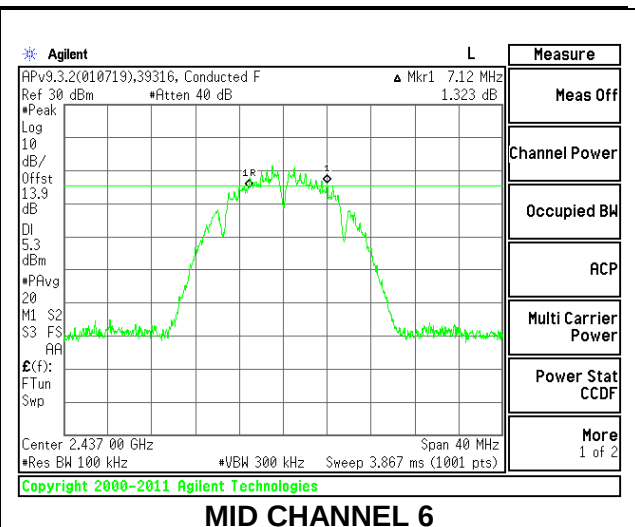
8.3.1. 802.11b MODE

1TX Antenna 2 MODE

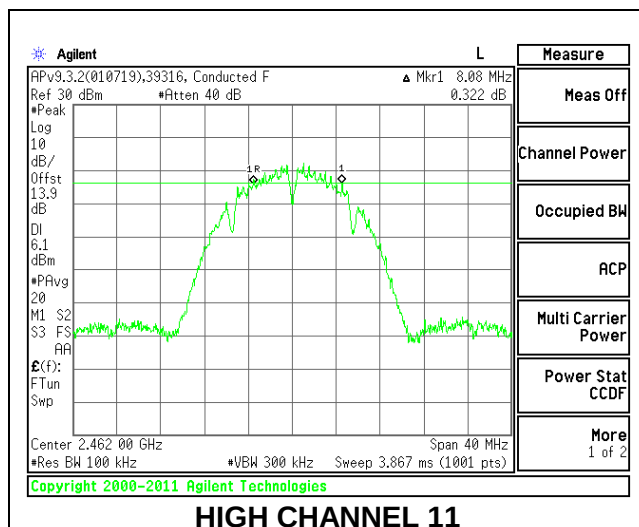
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low 1	2412	8.56	0.5
Mid 6	2437	7.12	0.5
High 11	2462	8.08	0.5
High 12	2467	7.56	0.5
High 13	2472	8.08	0.5



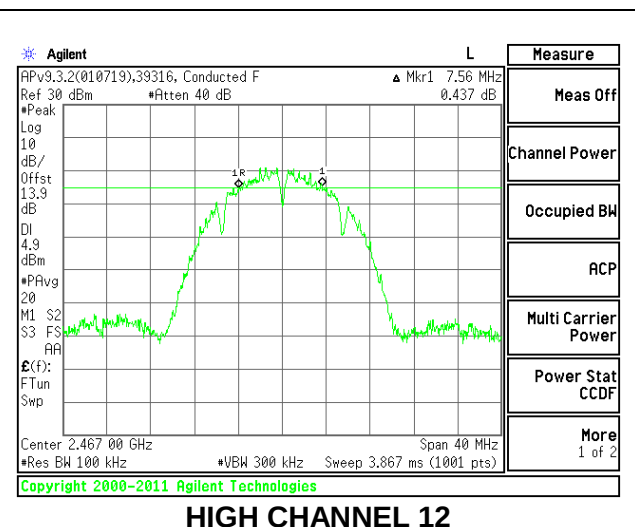
LOW CHANNEL 1



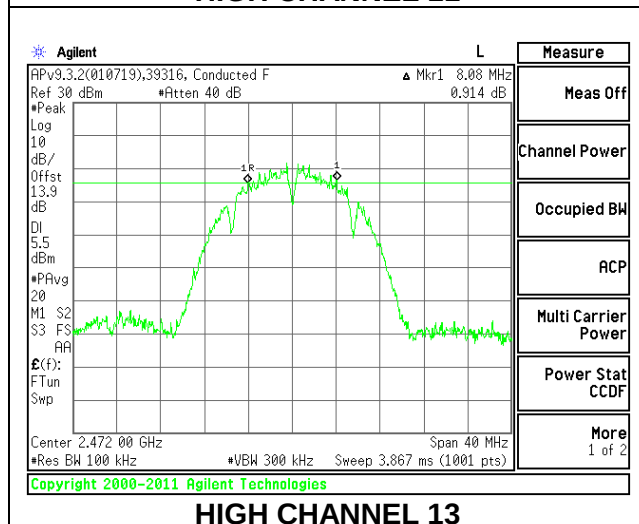
MID CHANNEL 6



HIGH CHANNEL 11



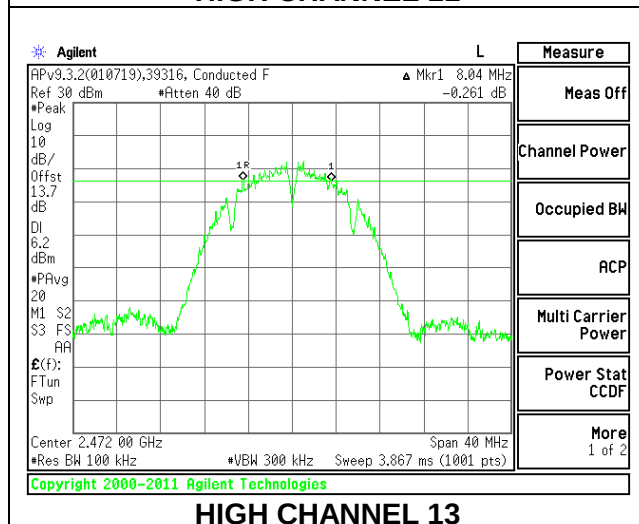
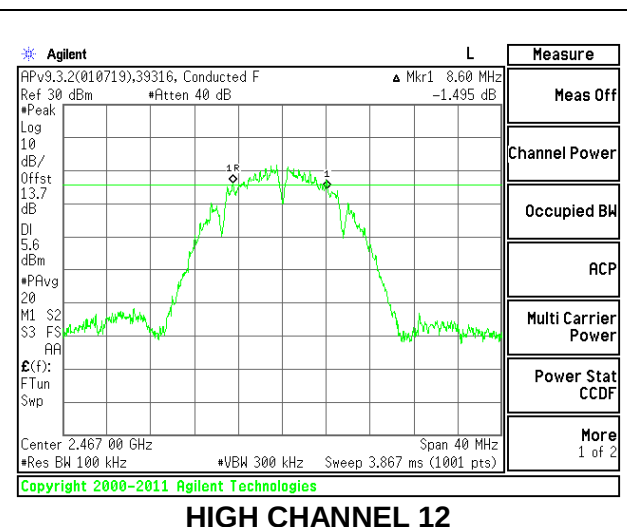
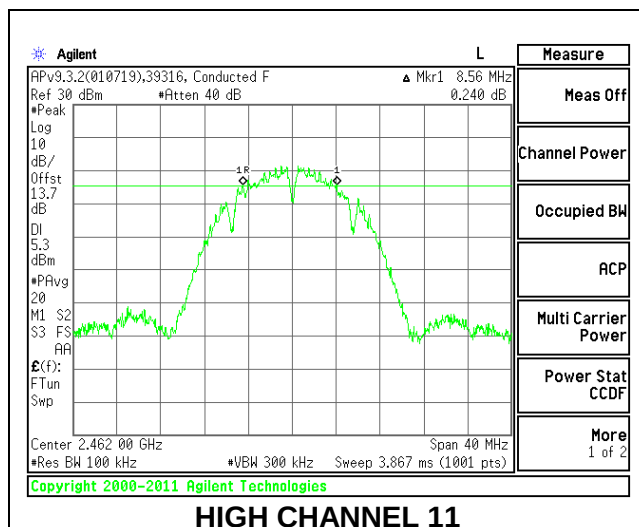
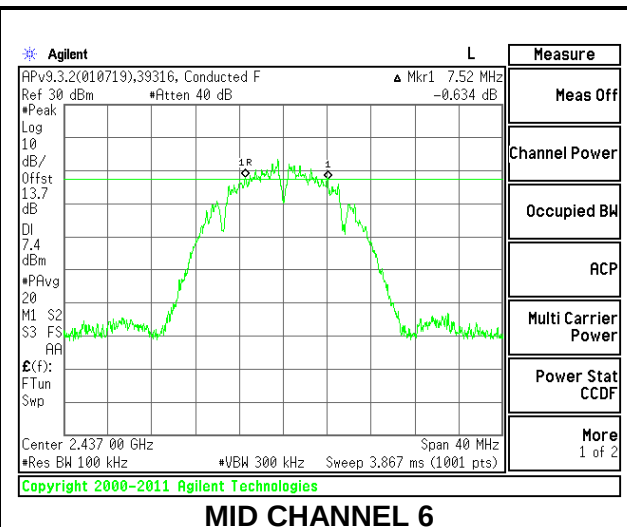
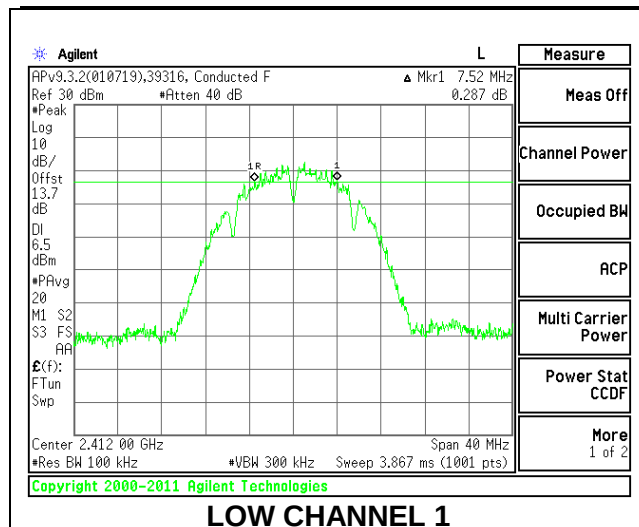
HIGH CHANNEL 12



HIGH CHANNEL 13

1TX Antenna 5 MODE

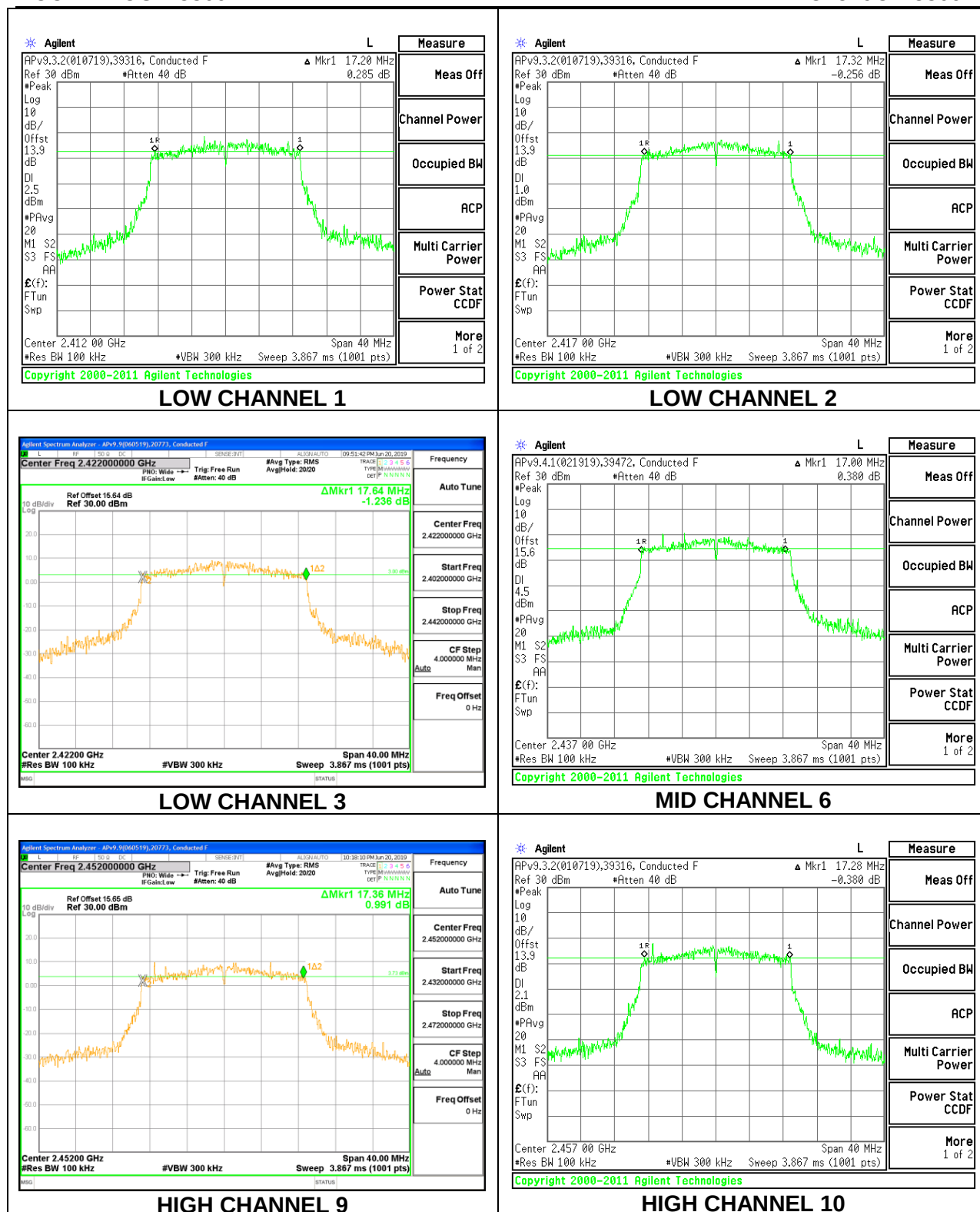
Channel	Frequency	6 dB Bandwidth	Minimum Limit
	(MHz)	(MHz)	(MHz)
Low 1	2412	7.52	0.5
Mid 6	2437	7.52	0.5
High 11	2462	8.56	0.5
High 12	2467	8.60	0.5
High 13	2472	8.04	0.5

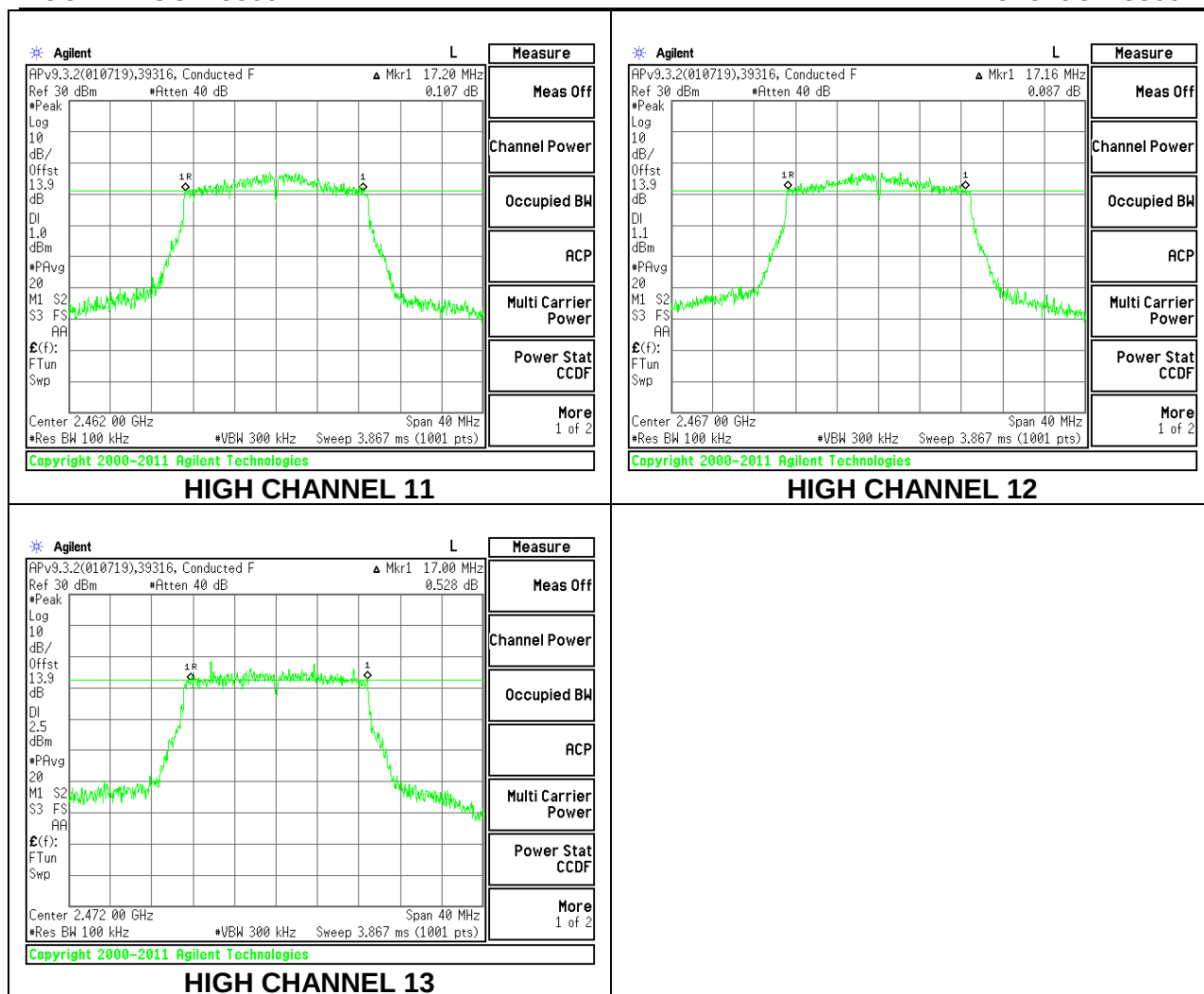


8.3.2. 802.11n HT20 MODE

1TX Antenna 2 MODE

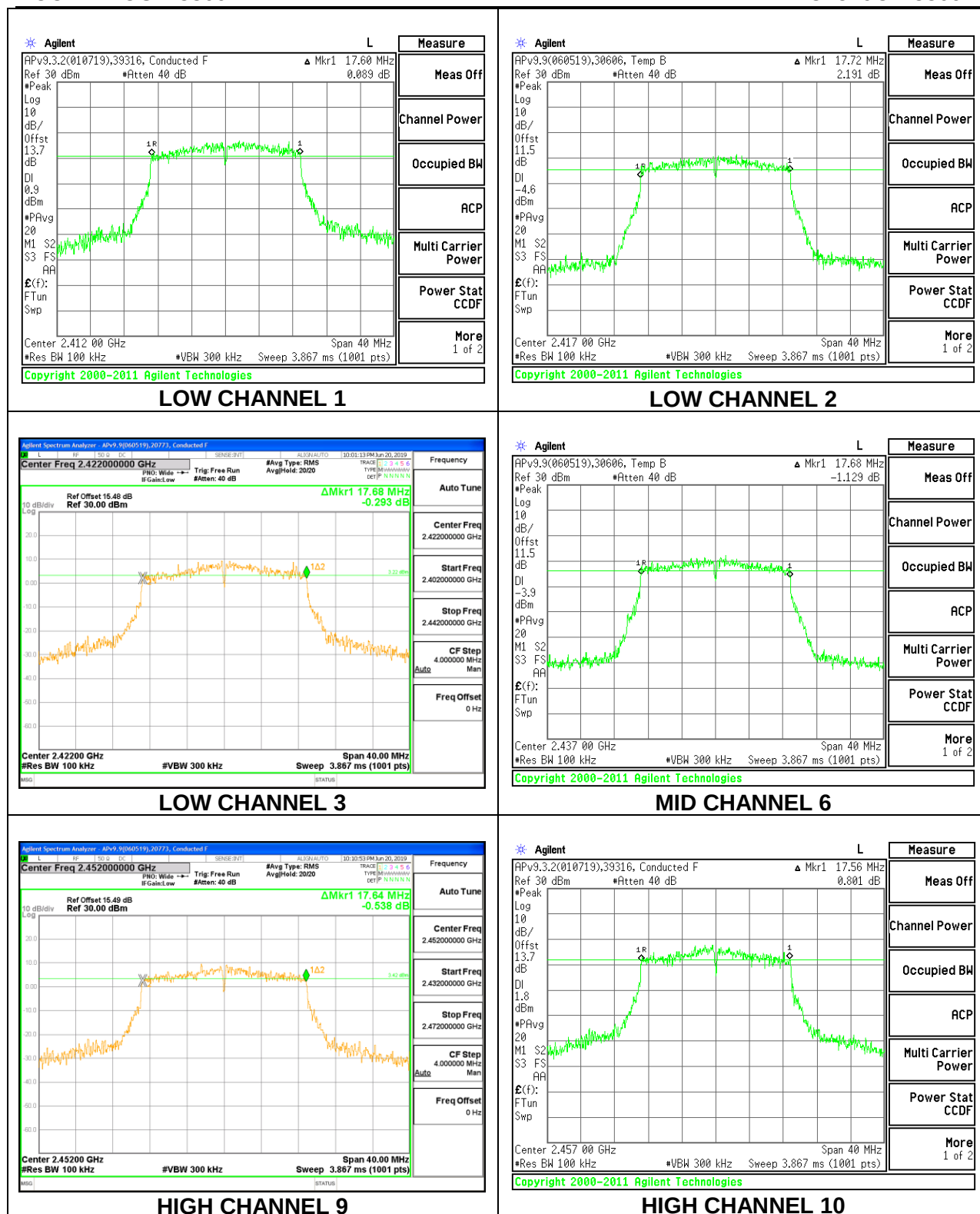
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low 1	2412	17.20	0.5
Low 2	2417	17.32	0.5
Low 3	2422	17.64	0.5
Mid 6	2437	17.00	0.5
High 9	2452	17.36	0.5
High 10	2457	17.28	0.5
High 11	2462	17.20	0.5
High 12	2467	17.16	0.5
High 13	2472	17.00	0.5

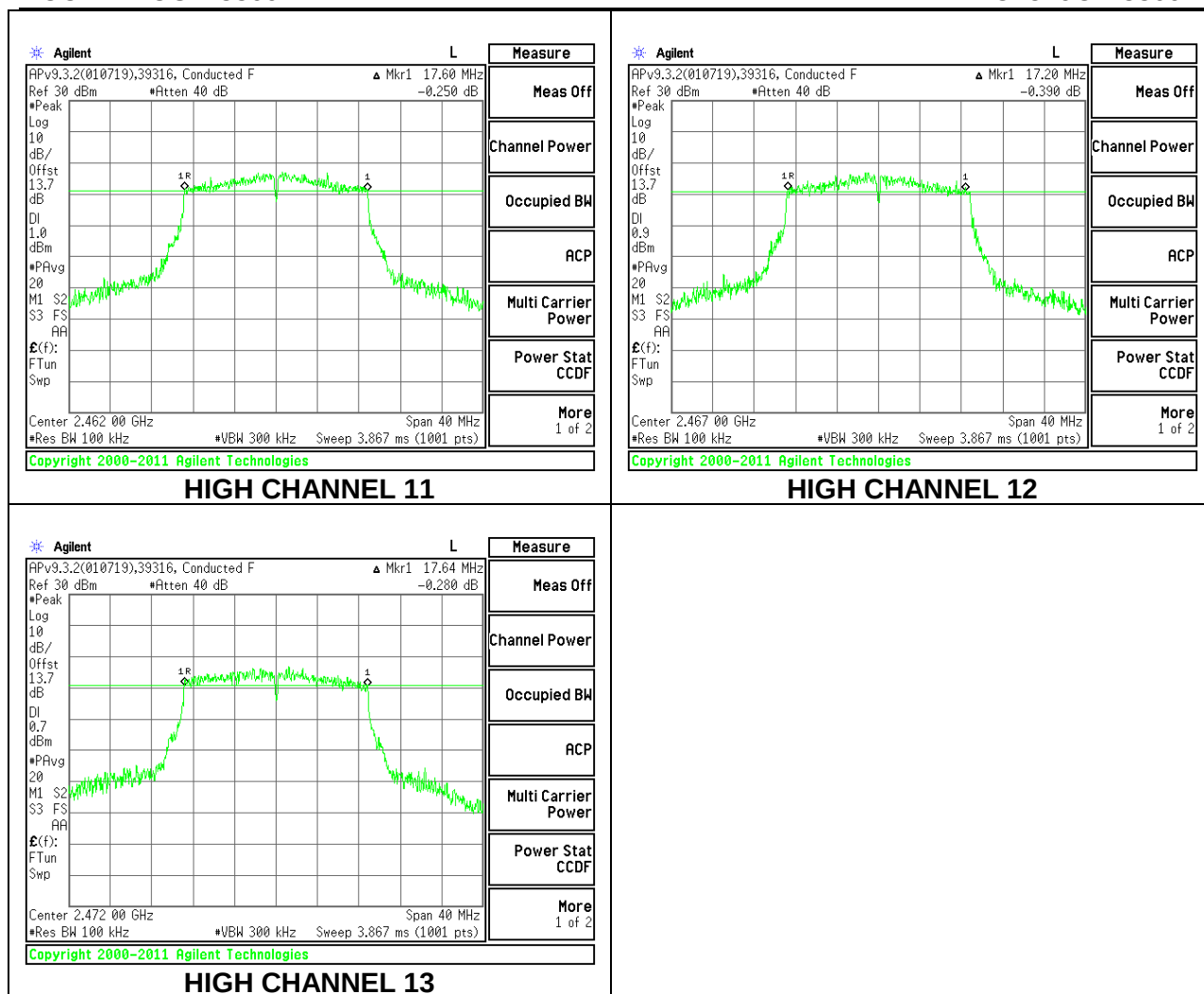




1TX Antenna 5 MODE

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low 1	2412	17.60	0.5
Low 2	2417	17.72	0.5
Low 3	2422	17.68	0.5
Mid 6	2437	17.68	0.5
High 9	2452	17.64	0.5
High 10	2457	17.56	0.5
High 11	2462	17.60	0.5
High 12	2467	17.20	0.5
High 13	2472	17.64	0.5

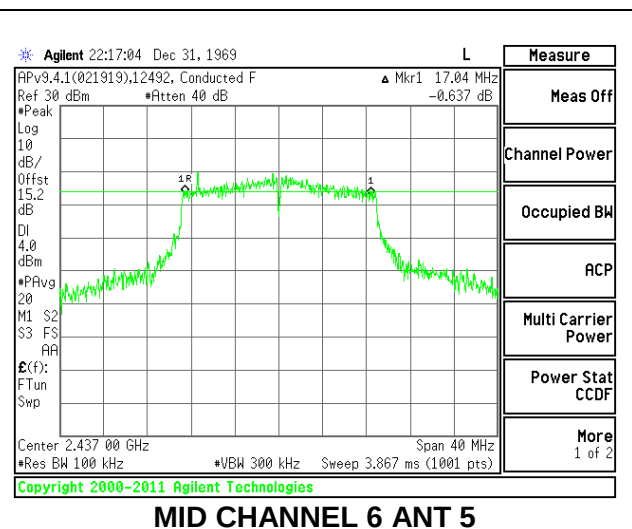
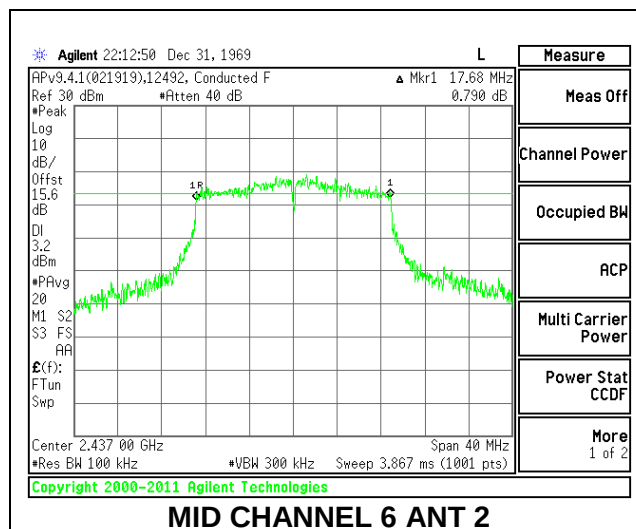
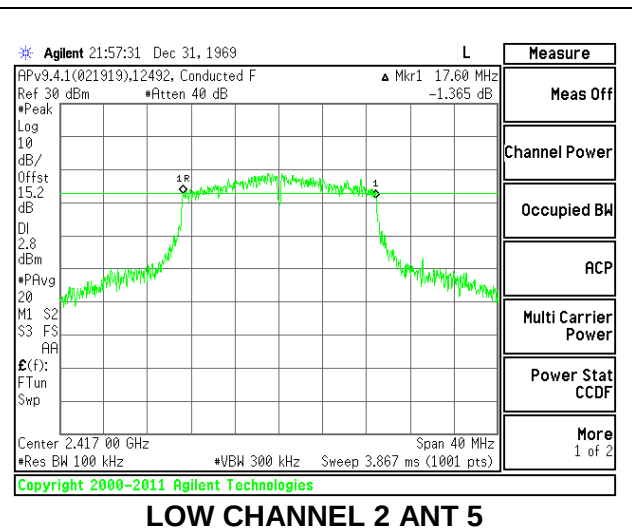
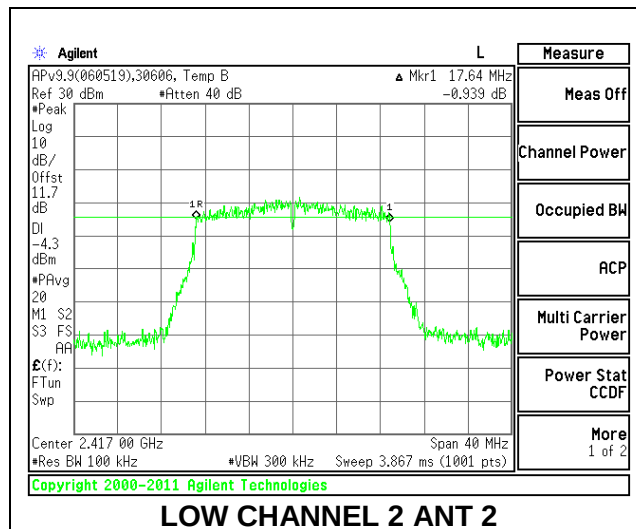
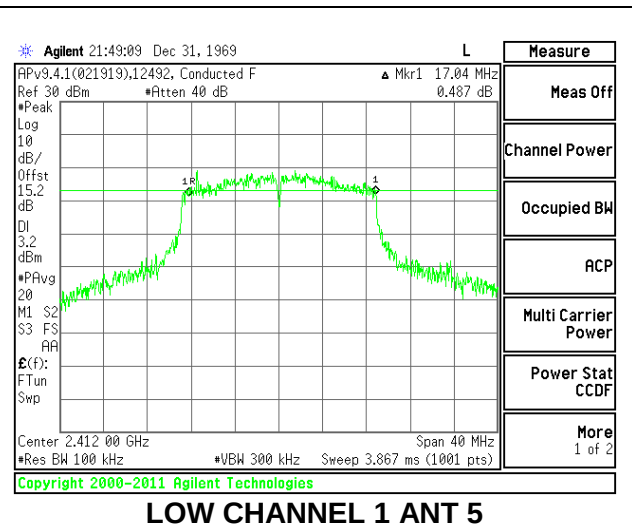
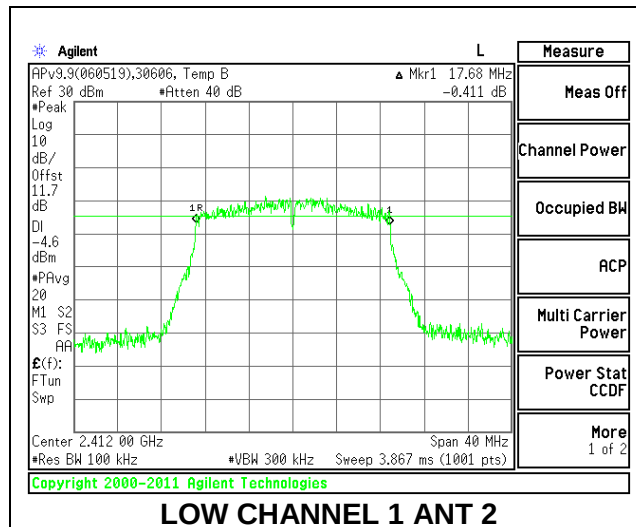


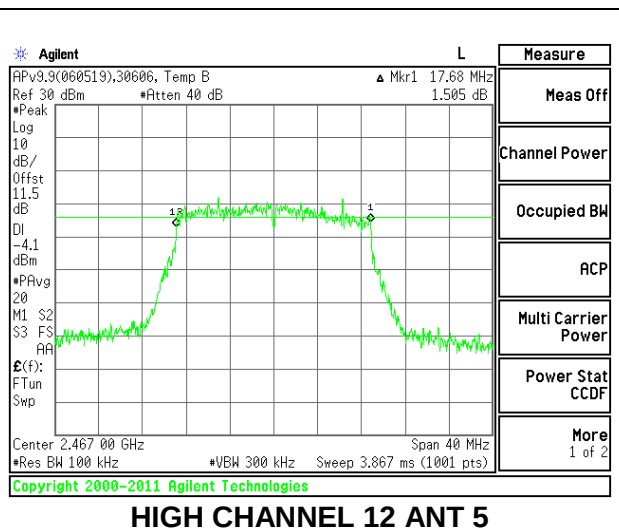
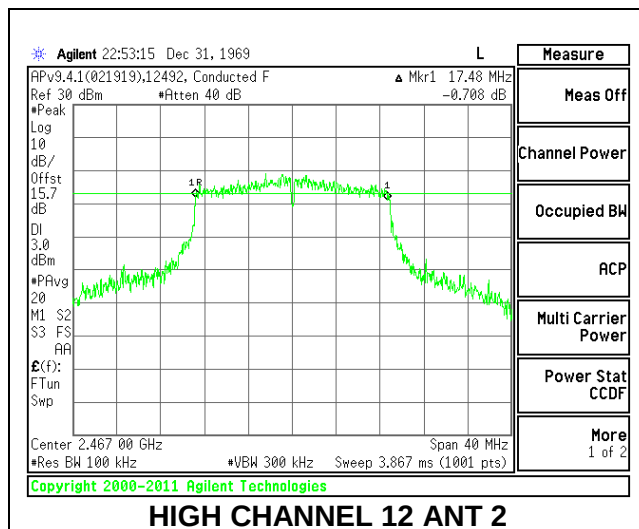
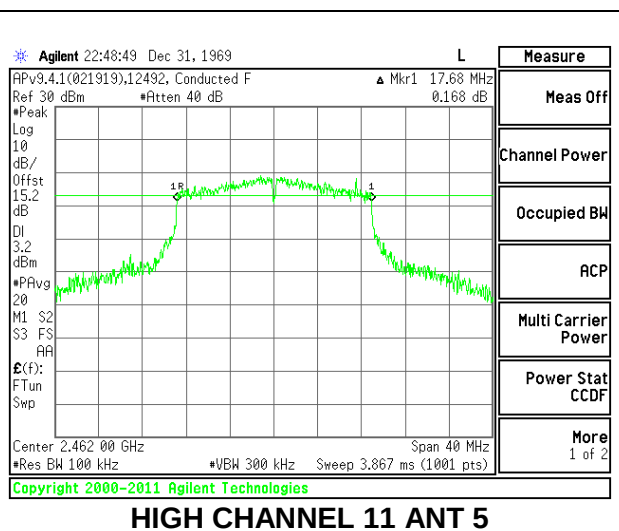
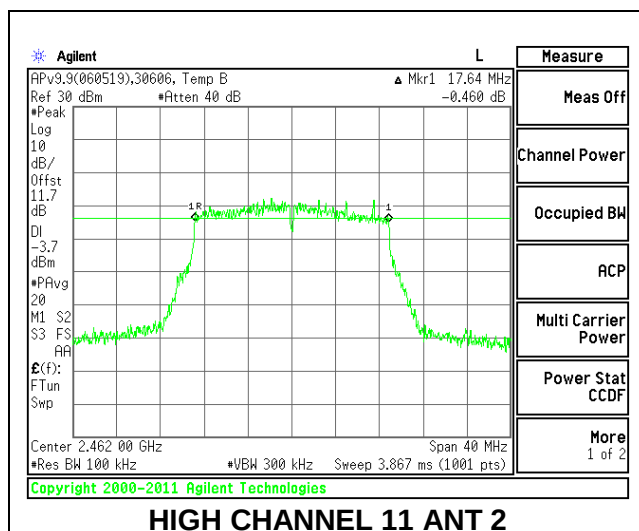
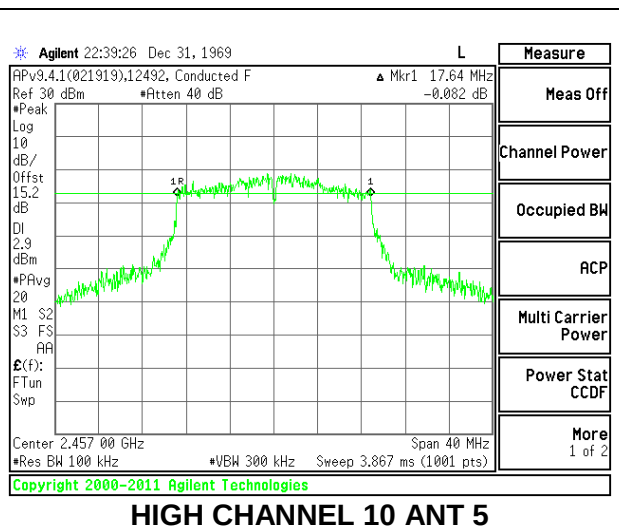
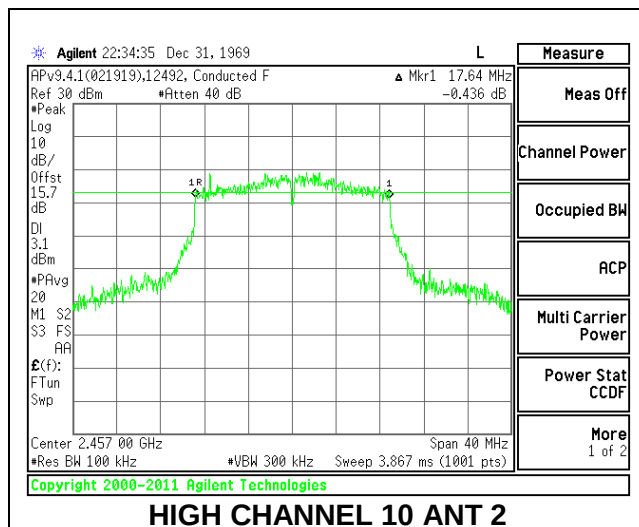


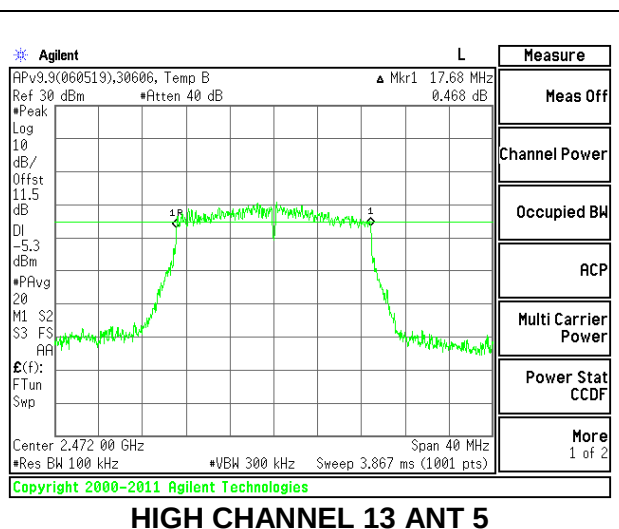
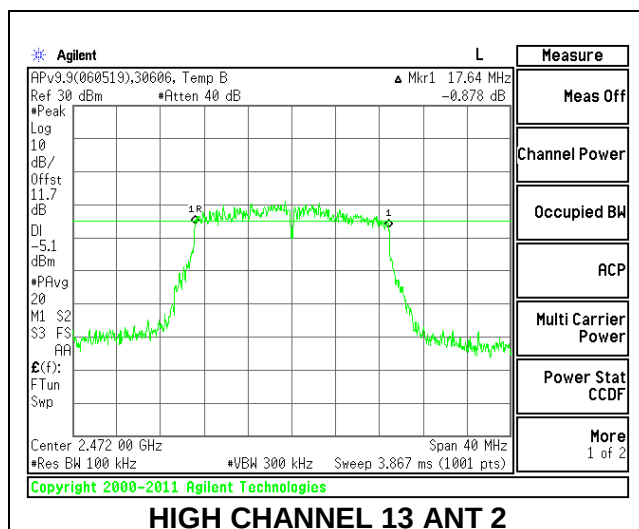
8.3.3. 802.11n HT20 CDD MODE 2TX

Antenna 2 + Antenna 5 2TX MODE

Channel	Frequency (MHz)	6 dB BW ANT 2 (MHz)	6 dB BW ANT 5 (MHz)	Minimum Limit (MHz)
Low 1	2412	17.68	17.04	0.5
Low 2	2417	17.64	17.60	0.5
Mid 6	2437	17.68	17.04	0.5
High 10	2457	17.64	17.64	0.5
High 11	2462	17.64	17.68	0.5
High 12	2467	17.48	17.68	0.5
High 13	2472	17.64	17.68	0.5



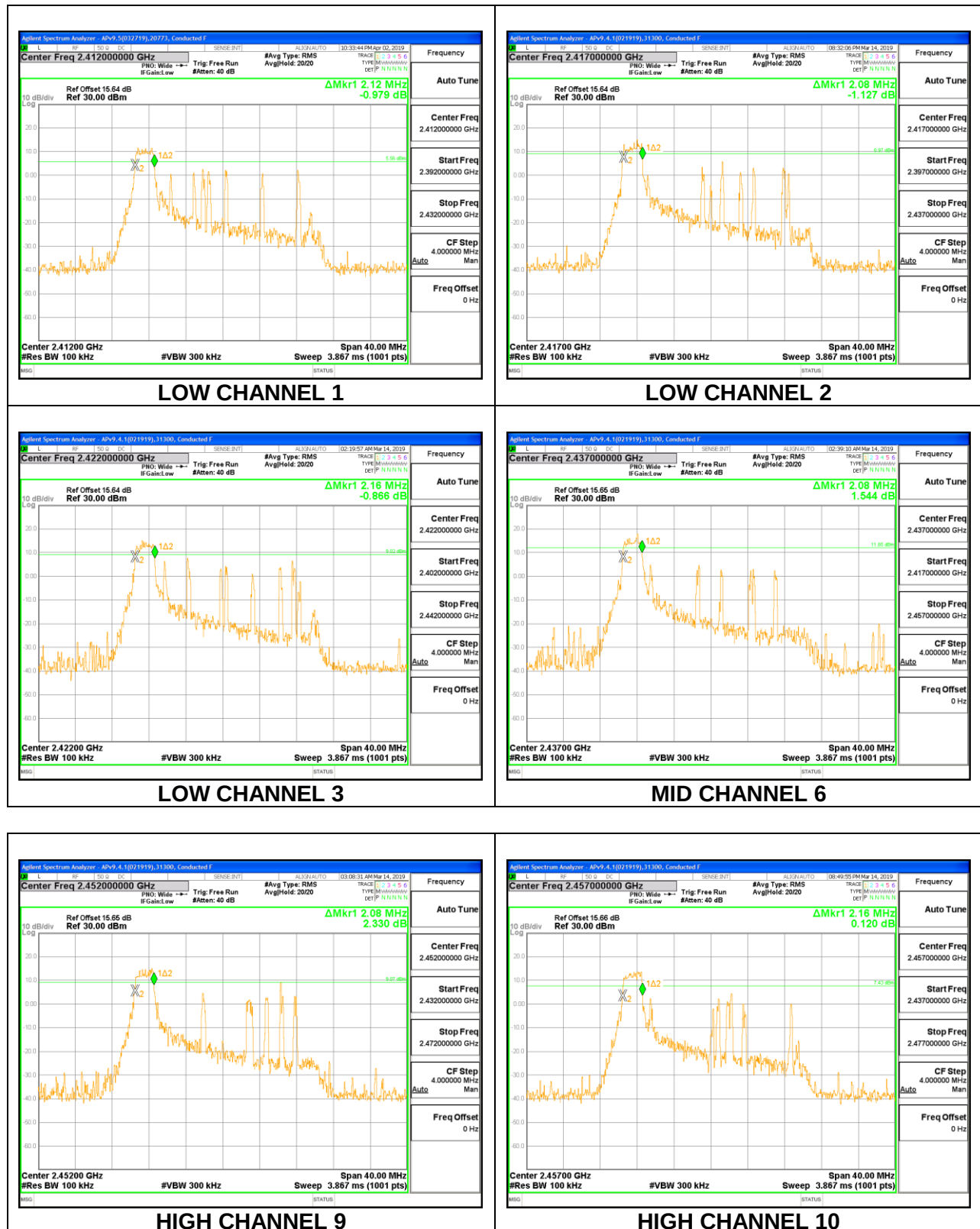


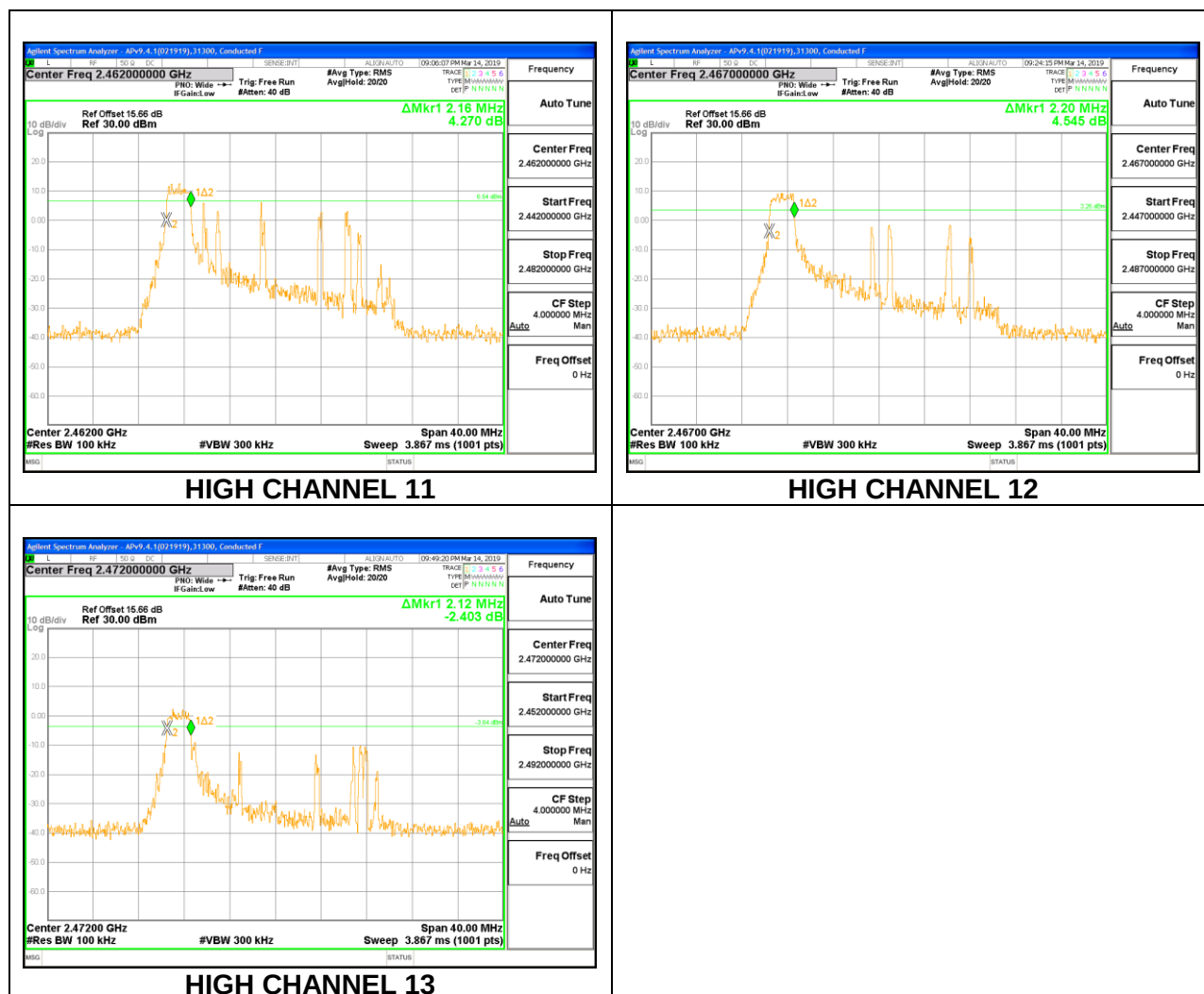


8.3.4. 802.11ax HE20 MODE

Antenna 2, LEGACY SISO MODE: 26-Tones, RU index 0

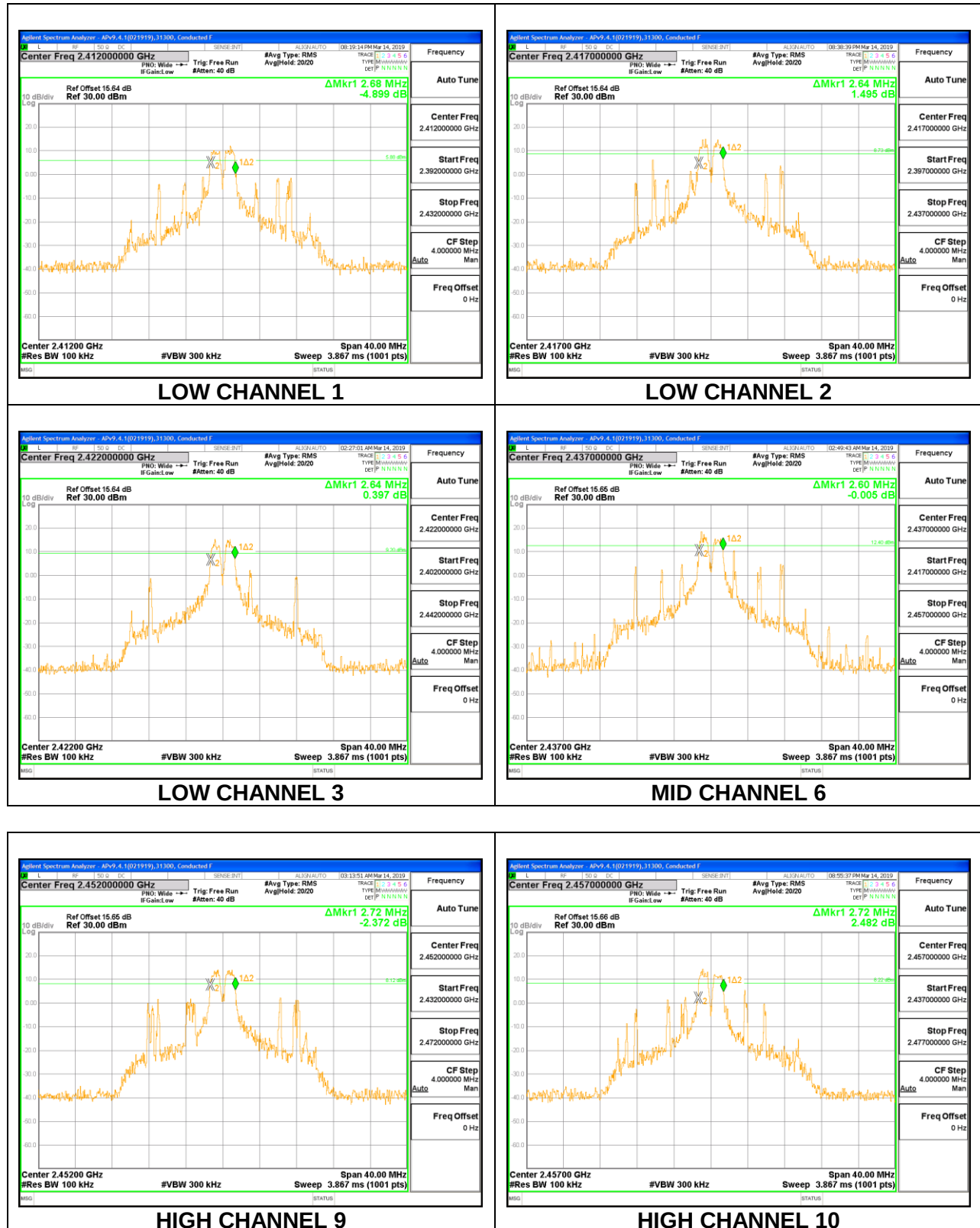
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)
Low 1	2412	2.12	0.5
Low 2	2417	2.08	0.5
Low 3	2422	2.16	0.5
Mid 6	2437	2.08	0.5
High 9	2452	2.08	0.5
High 10	2457	2.16	0.5
High 11	2462	2.16	0.5
High 12	2467	2.20	0.5
High 13	2472	2.12	0.5

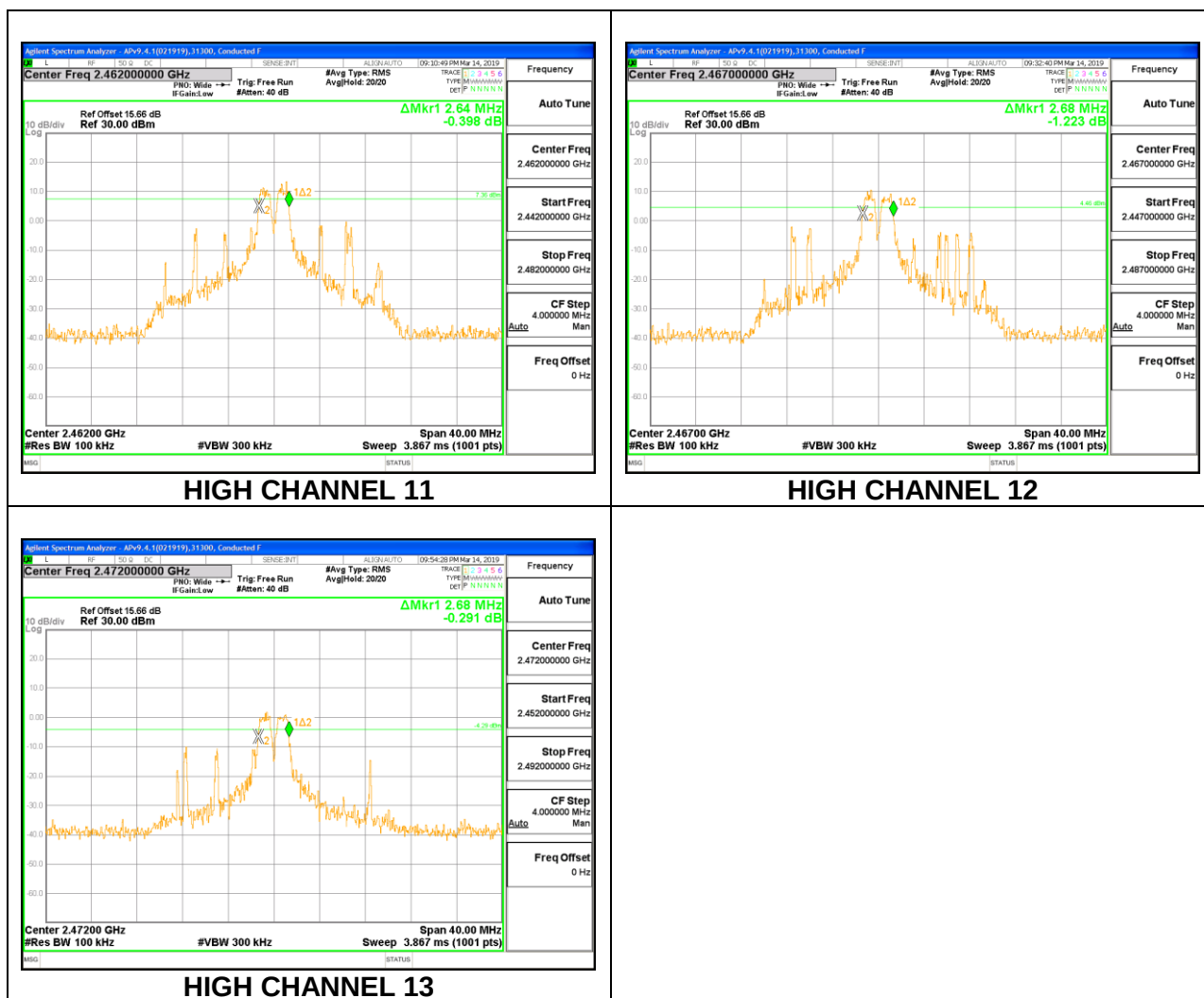




Antenna 2, LEGACY SISO MODE: 26-Tones, RU index 4

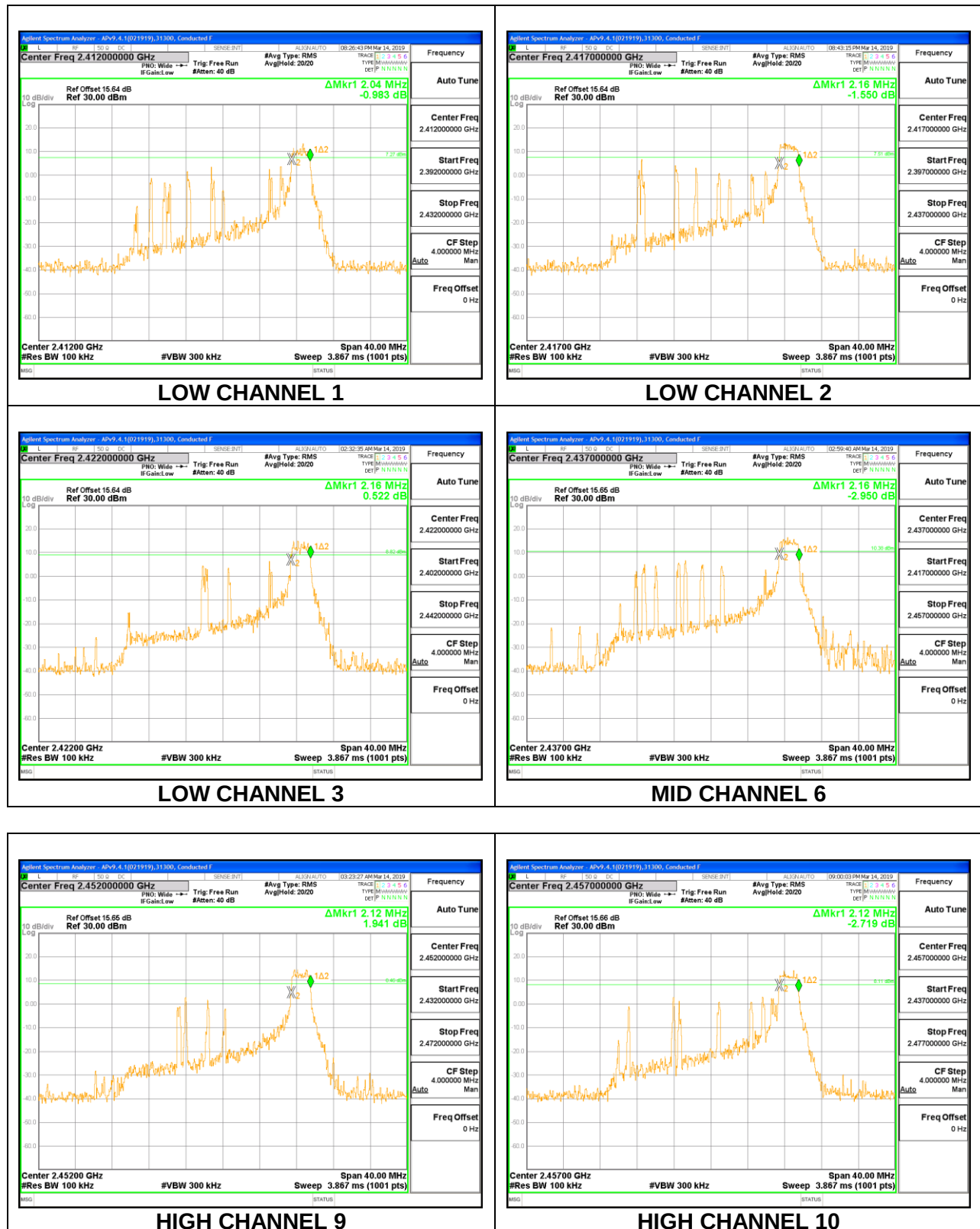
Channel	Frequency	6dB Bandwidth	Minimum Limit
	(MHz)	(MHz)	(MHz)
Low 1	2412	2.68	0.50
Low 2	2417	2.64	0.5
Low 3	2422	2.64	0.5
Mid 6	2437	2.60	0.5
High 9	2452	2.72	0.5
High 10	2457	2.72	0.5
High 11	2462	2.64	0.5
High 12	2467	2.68	0.5
High 13	2472	2.68	0.5

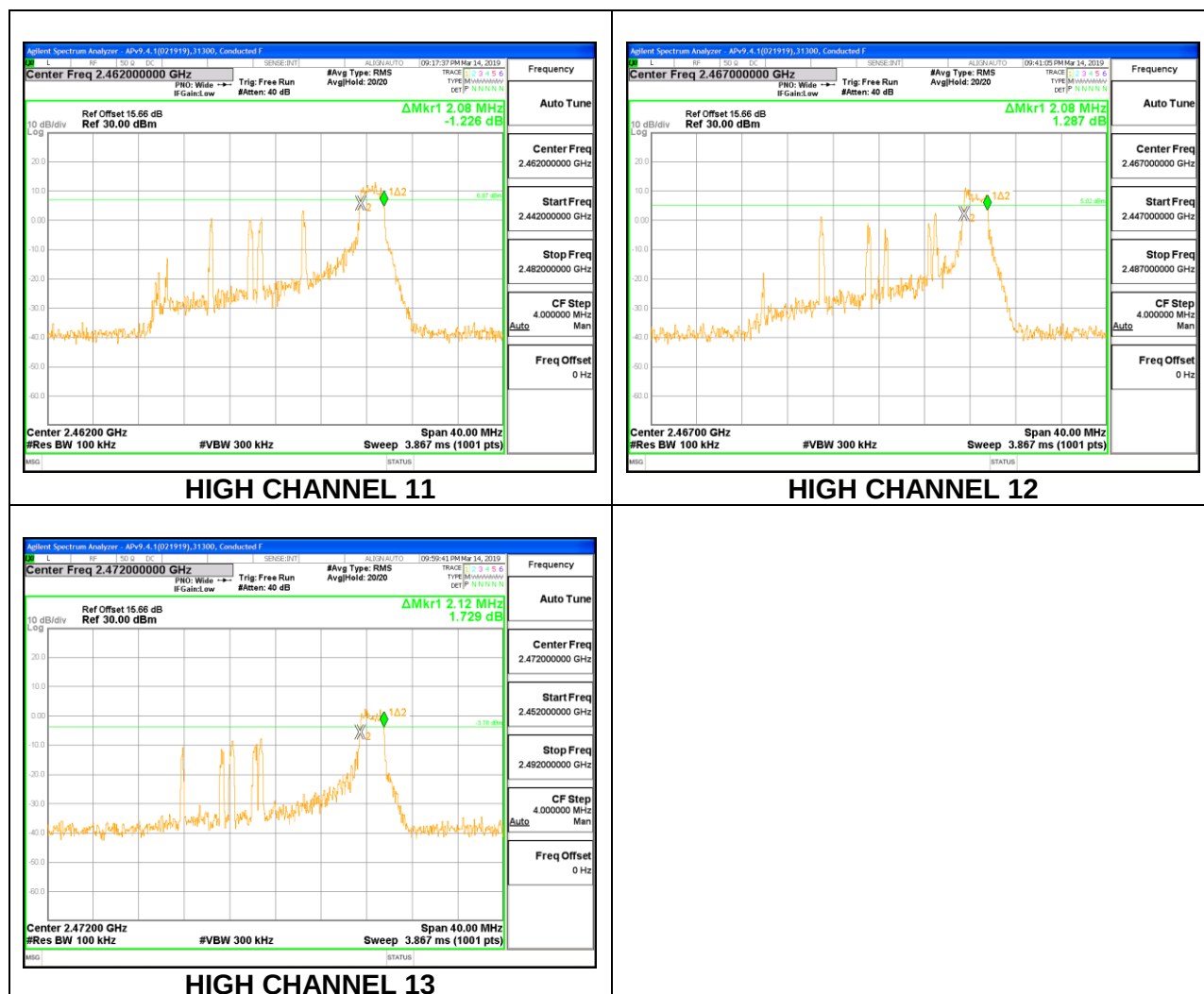




Antenna 2, LEGACY SISO MODE: 26-Tones, RU index 8

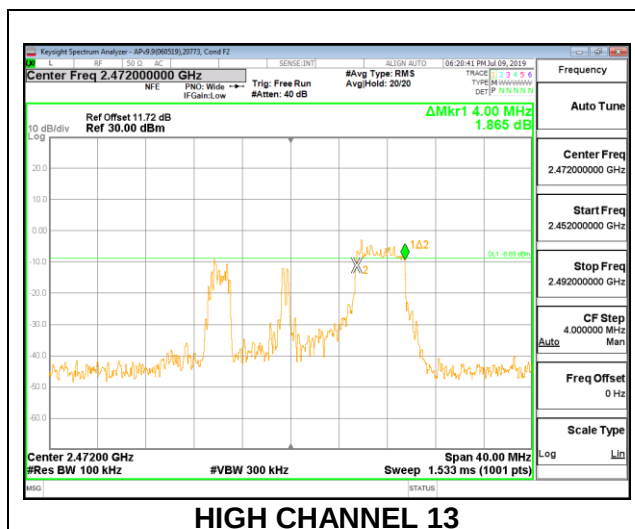
Channel	Frequency	6dB Bandwidth	Minimum Limit
	(MHz)	(MHz)	(MHz)
Low 1	2412	2.04	0.50
Low 2	2417	2.16	0.5
Low 3	2422	2.16	0.5
Mid 6	2437	2.16	0.5
High 9	2452	2.12	0.5
High 10	2457	2.12	0.5
High 11	2462	2.08	0.5
High 12	2467	2.08	0.5
High 13	2472	2.12	0.5





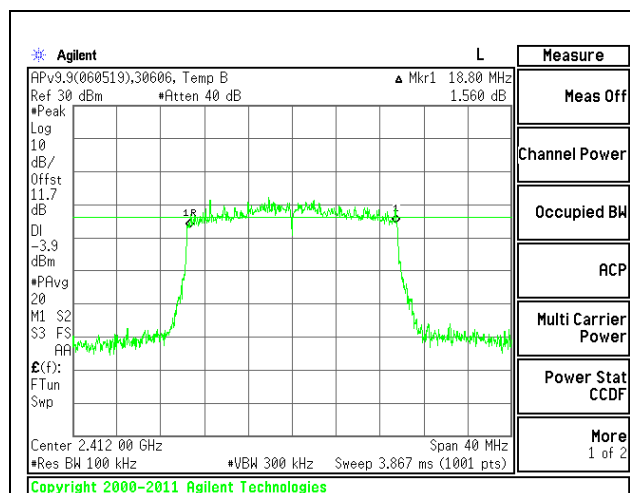
Antenna 2, LEGACY SISO MODE: 52-Tones, RU index 40

Channel	Frequency	6dB Bandwidth	Minimum Limit
	(MHz)	(MHz)	(MHz)
High 13	2472	4.00	0.5

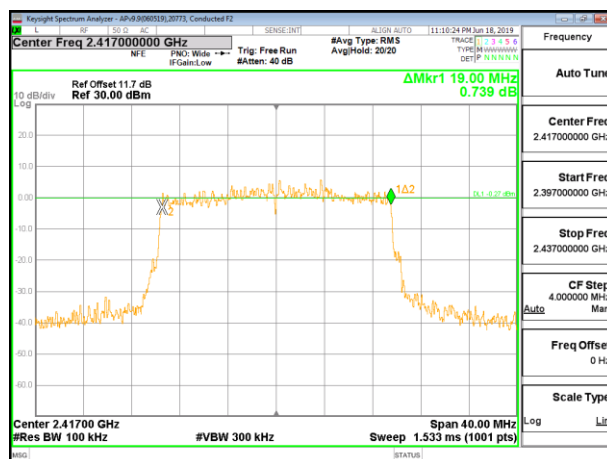


Antenna 2, LEGACY SISO MODE: 242-Tones, RU index 61

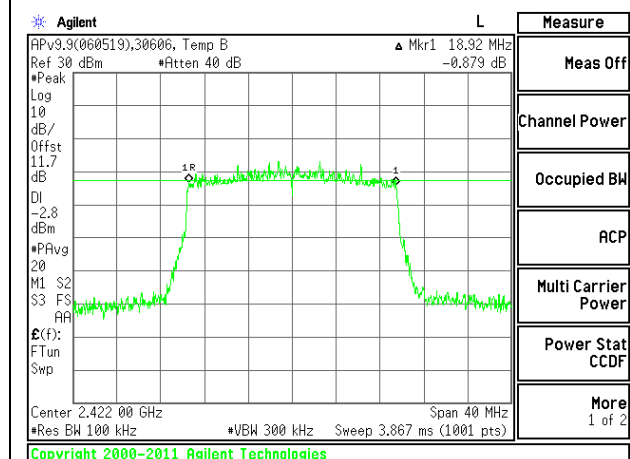
Channel	Frequency	6dB Bandwidth	Minimum Limit
	(MHz)	(MHz)	(MHz)
Low 1	2412	18.80	0.5
Low 2	2417	19.00	0.5
Low 3	2422	18.92	0.5
Mid 6	2437	18.84	0.5
High 9	2452	18.64	0.5
High 10	2457	18.24	0.5
High 11	2462	18.44	0.5
High 12	2467	18.76	0.5
High 13	2472	18.64	0.5



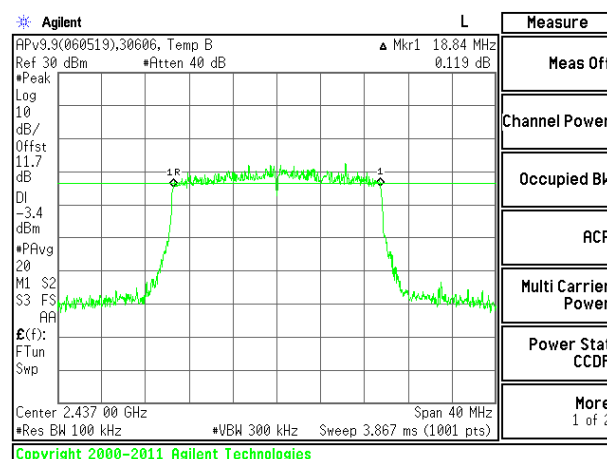
LOW CHANNEL 1



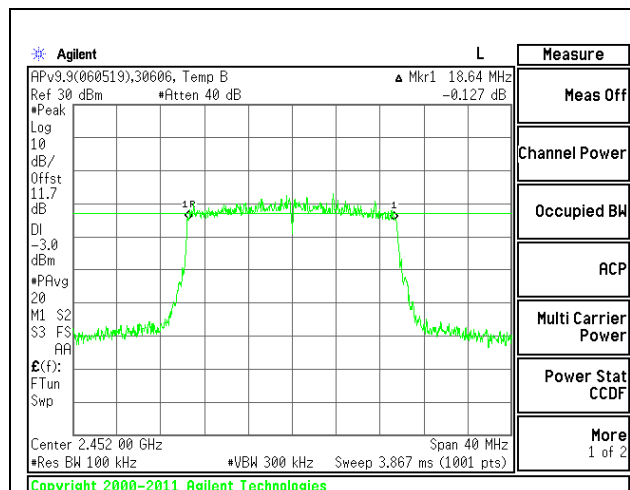
LOW CHANNEL 2



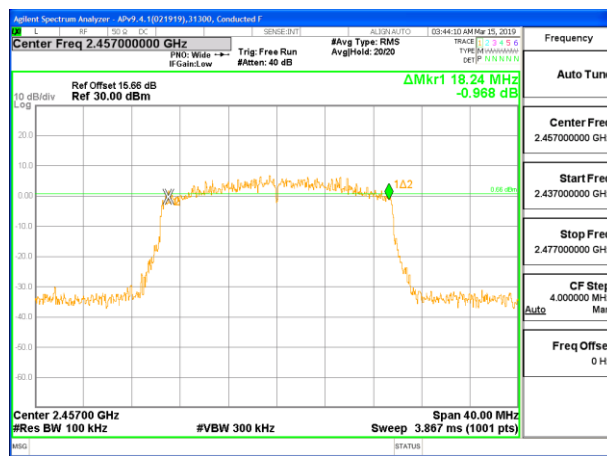
LOW CHANNEL 3



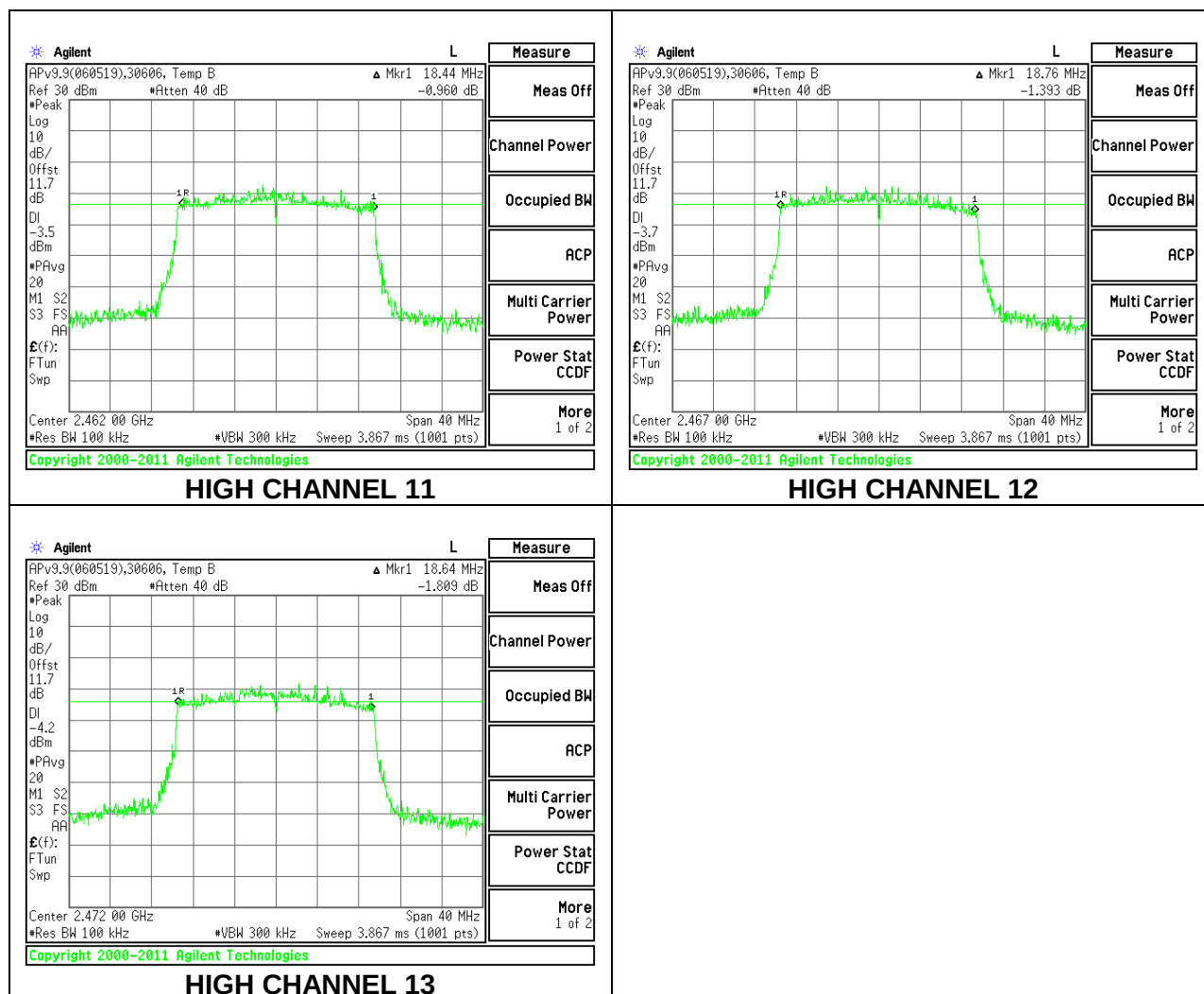
MID CHANNEL 6



HIGH CHANNEL 9

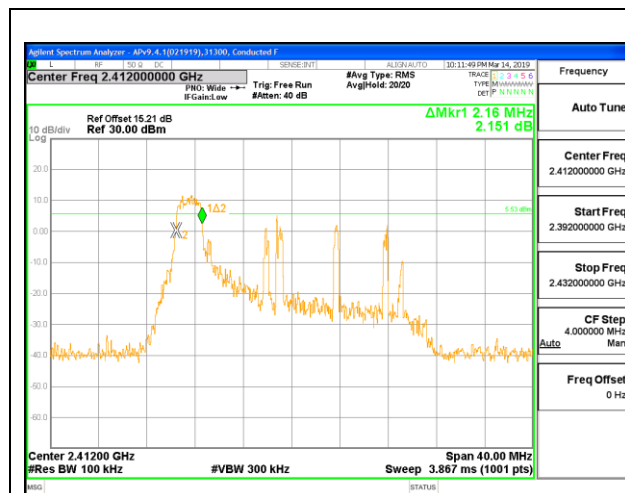


HIGH CHANNEL 10

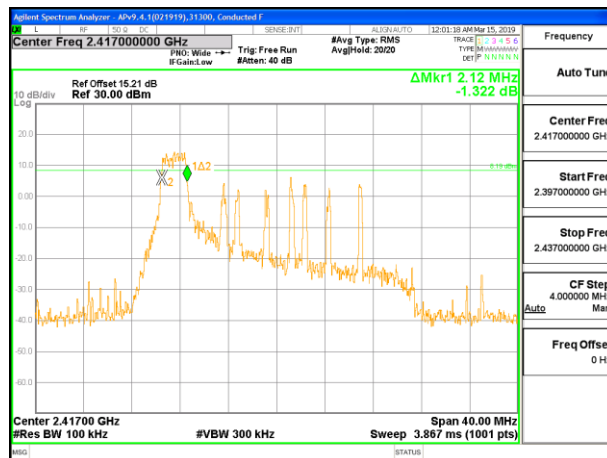


Antenna 5, LEGACY SISO MODE: 26-Tones, RU index 0

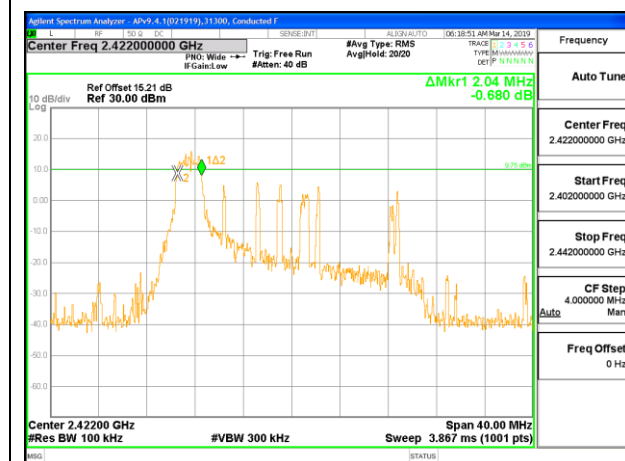
Channel	Frequency	6dB Bandwidth	Minimum Limit
	(MHz)	(MHz)	(MHz)
Low 1	2412	2.16	0.5
Low 2	2417	2.12	0.5
Low 3	2422	2.04	0.5
Mid 6	2437	2.08	0.5
High 9	2452	2.12	0.5
High 10	2457	2.08	0.5
High 11	2462	2.16	0.5
High 12	2467	2.08	0.5
High 13	2472	2.20	0.5



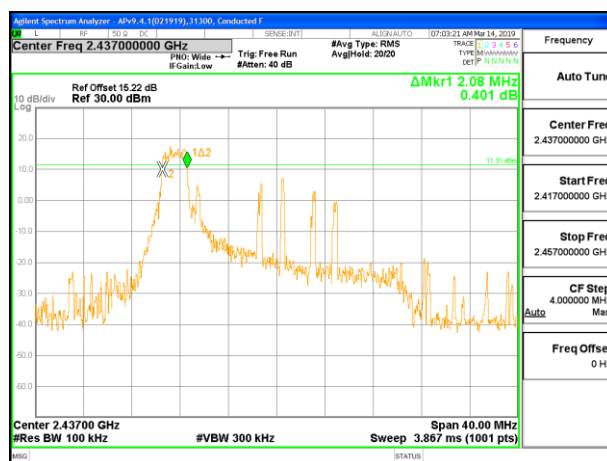
LOW CHANNEL 1



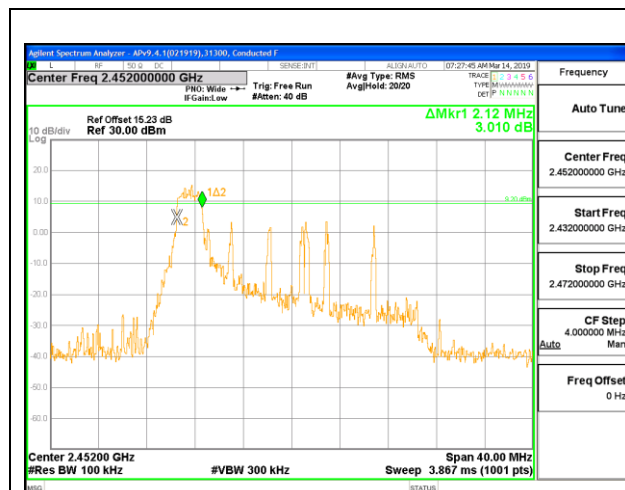
LOW CHANNEL 2



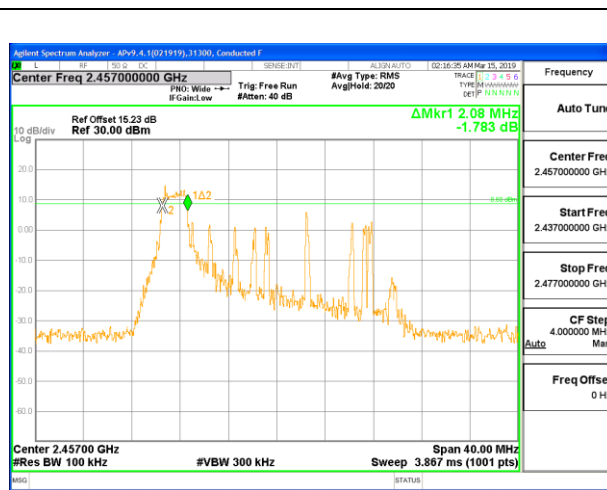
LOW CHANNEL 3



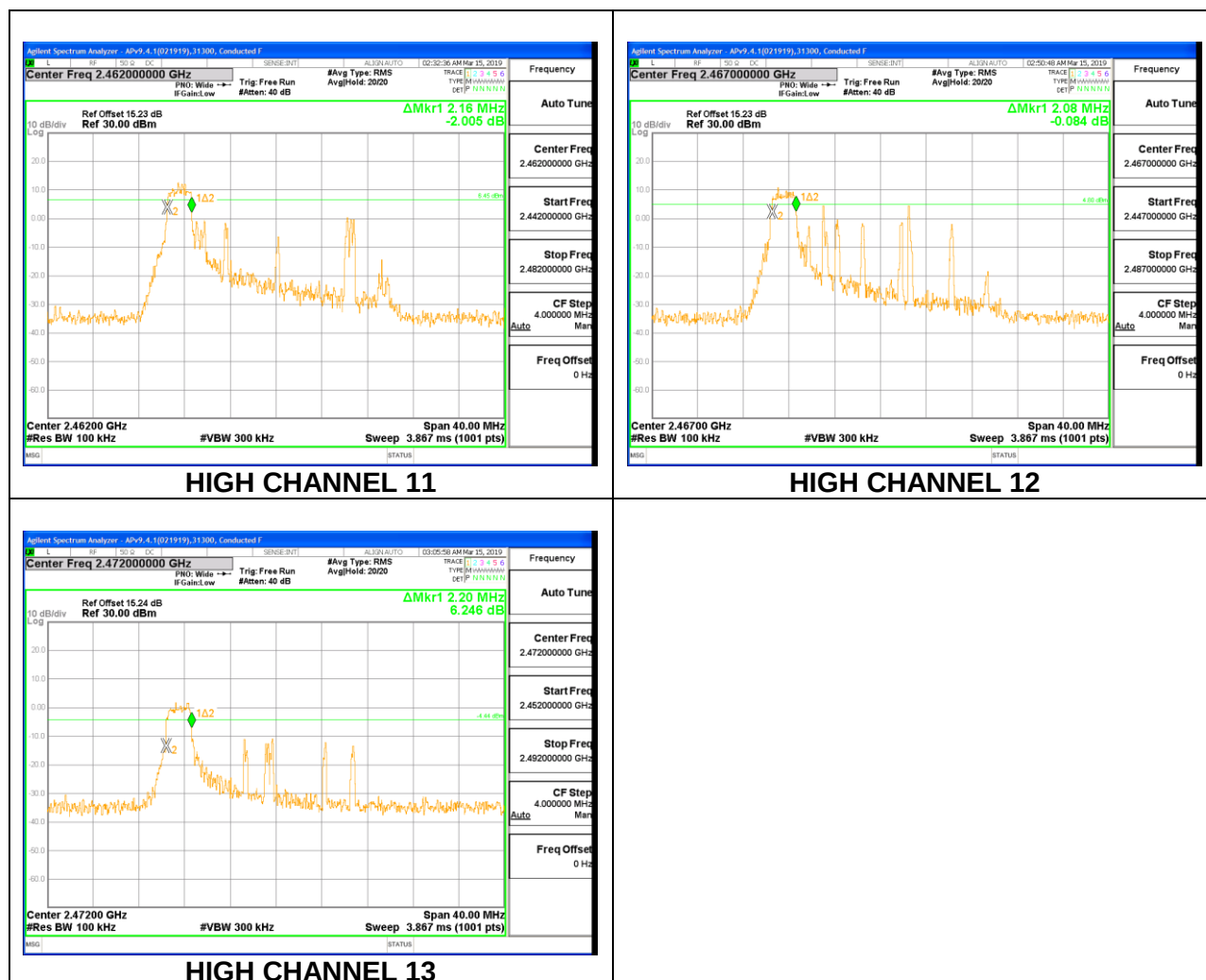
MID CHANNEL 6



HIGH CHANNEL 9

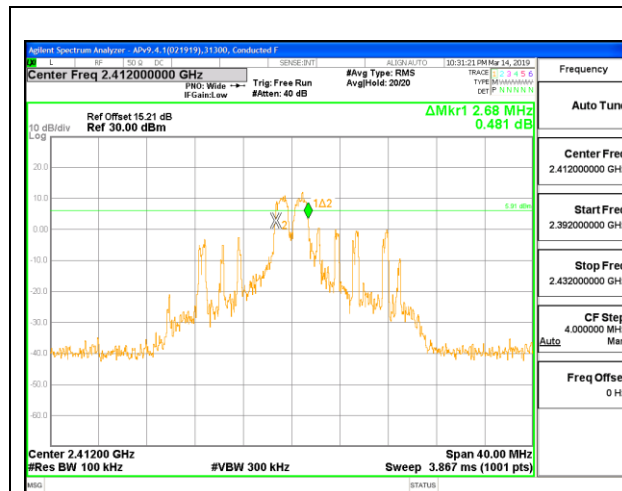


HIGH CHANNEL 10



Antenna 5, LEGACY SISO MODE: 26-Tones, RU index 4

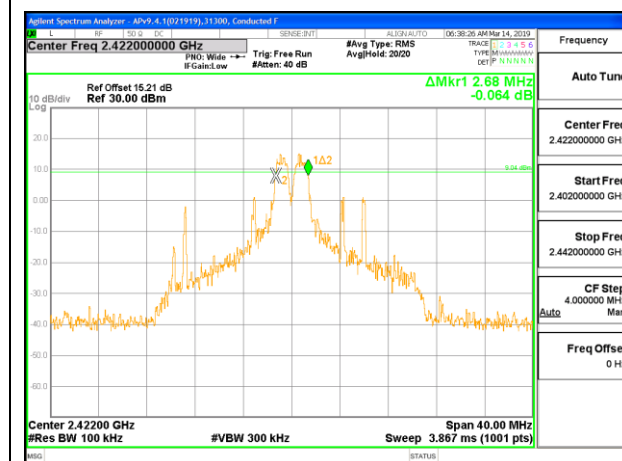
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)
Low 1	2412	2.68	0.5
Low 2	2417	2.68	0.5
Low 3	2422	2.68	0.5
Mid 6	2437	2.72	0.5
High 9	2452	2.64	0.5
High 10	2457	2.72	0.5
High 11	2462	2.64	0.5
High 12	2467	2.68	0.5
High 13	2472	2.72	0.5



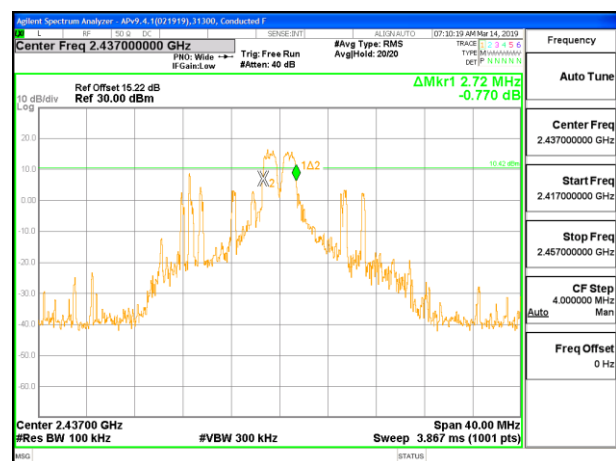
LOW CHANNEL 1



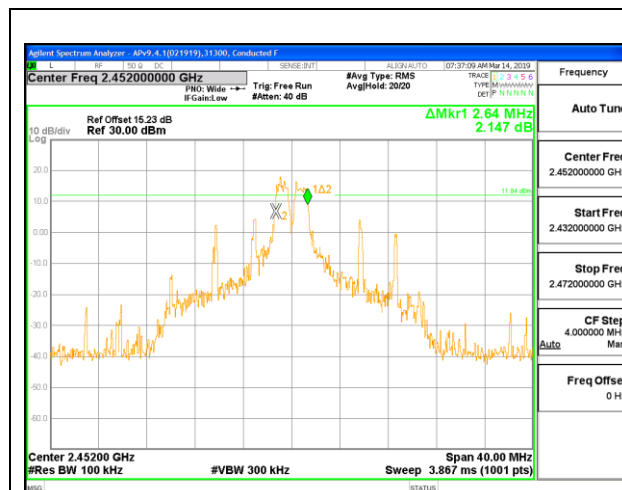
LOW CHANNEL 2



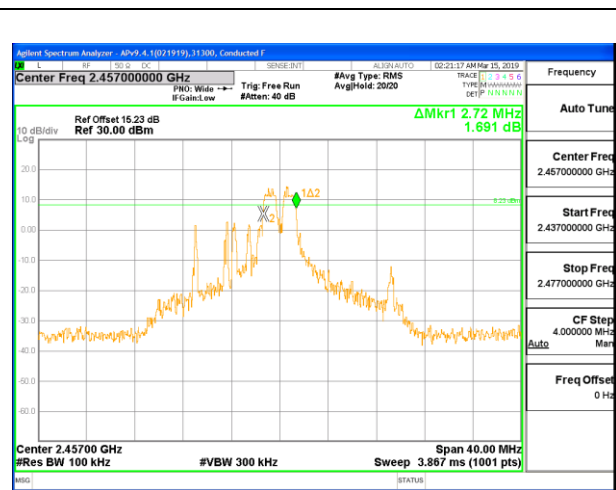
LOW CHANNEL 3



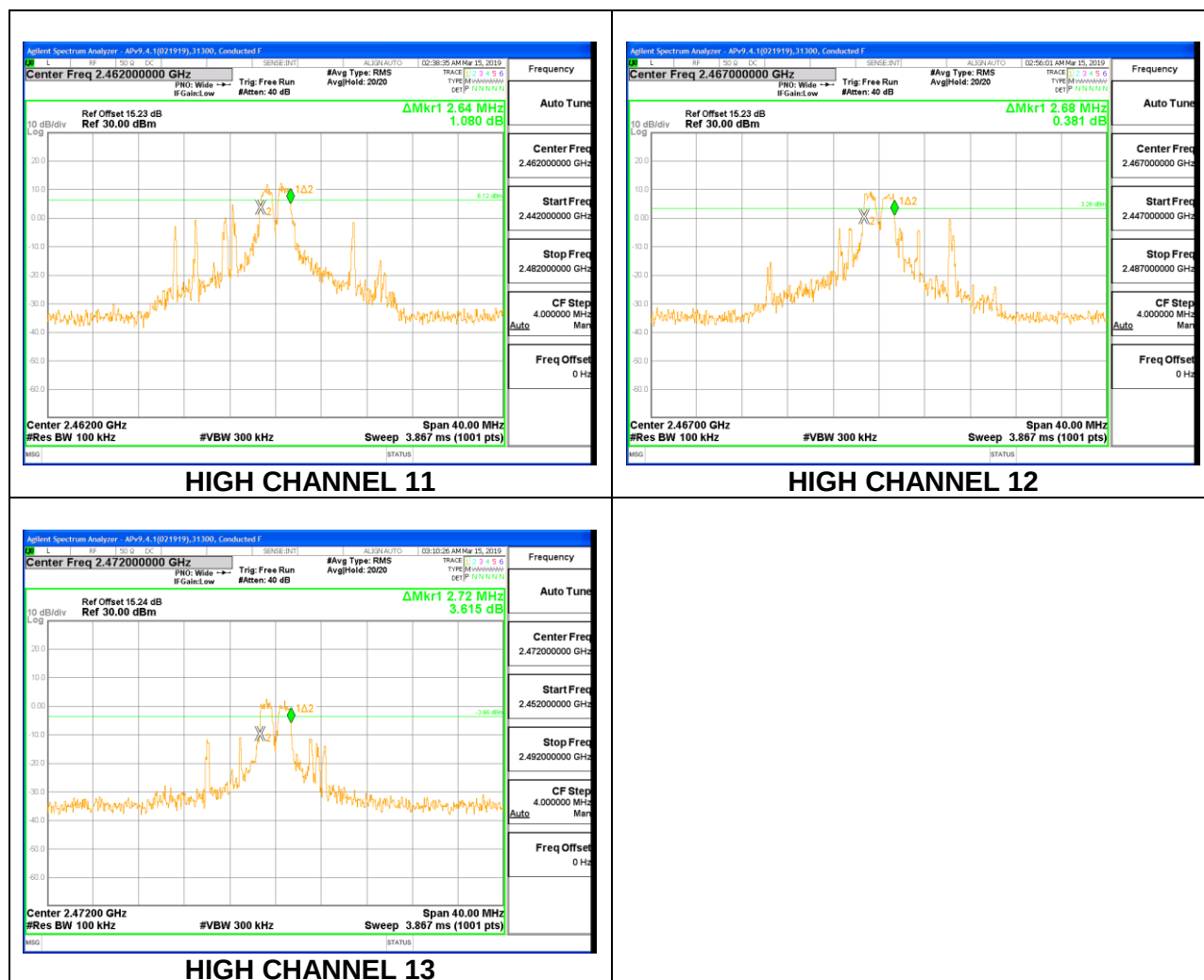
MID CHANNEL 6



HIGH CHANNEL 9



HIGH CHANNEL 10



Antenna 5, LEGACY SISO MODE: 26-Tones, RU index 8

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)
Low 1	2412	2.08	0.5
Low 2	2417	2.12	0.5
Low 3	2422	2.08	0.5
Mid 6	2437	2.20	0.5
High 9	2452	2.16	0.5
High 10	2457	2.16	0.5
High 11	2462	2.12	0.5
High 12	2467	2.08	0.5
High 13	2472	2.16	0.5