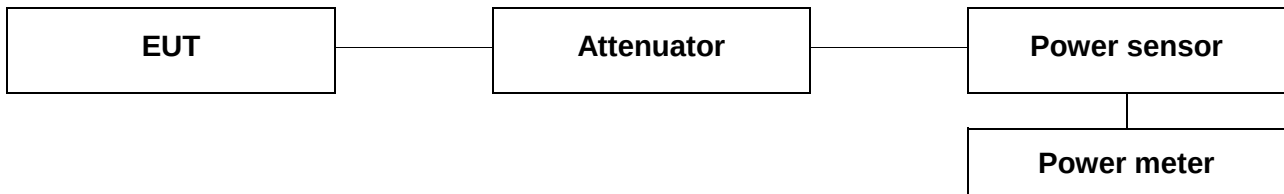


4. Output power

4.1. Test setup



4.2. Limit

4.2.1. FCC 15.407

(a)(1)

For the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed the lesser of 50 mW or 4 dBm + 10 log B, where B is the 26-dB emission bandwidth in MHz. If transmitting antennas of directional gain greater than 6 dBi are used, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(a)(2)

For the 5.25–5.35 GHz and 5.47–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the peak power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

4.2.2. IC RSS-210

A9.2(1) Band 5 150-5 250 MHz

The maximum e.i.r.p.. shall not exceed 200 mW or 10 + 10 log₁₀ B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.

A9.2(2) Band 5 250-5 350 MHz

The maximum conducted output power shall not exceed 250 mW or 11 + 10 log₁₀ B, dBm, whichever power is less. The maximum e.i.r.p.. shall not exceed 1.0 W or 17 + 10 log₁₀ B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. Note that devices with a maximum e.i.r.p.. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

A9.2(3) Band 5 600-5 650 MHz

The maximum conducted output power shall not exceed 250 mW or 11 + 10 log₁₀ B, dBm, whichever power is less. The maximum e.i.r.p.. shall not exceed 1.0 W or 17 + 10 log₁₀ B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. Note that devices with a maximum e.i.r.p.. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

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4.3. Test procedure

1. This measurement settings are specified in clause 3) of section E of KDB 789033_v01r03.
2. Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied.
 - The EUT is configured to transmit continuously or to transmit with a consistent duty cycle.
 - At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.
 - The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
3. If the transmitter does not transmit continuously, measure the duty cycle, x , of the transmitter output signal as described in section B).
4. Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
5. Adjust the measurement in dBm by adding $10 \log (1/x)$ where x is the duty cycle (e.g., $10 \log (1/0.25)$ if the duty cycle is 25 percent).

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4.4. Test result

Ambient temperature : (24 ± 2) °C
Relative humidity : 49 % R.H.

4.4.1. FCC Limit

ANT0

-11a

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	4+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11a	5 180	6	17	28.98	18.62	-1.88	17
	5 220	6	17	29.08	18.64	-1.88	17
	5 240	6	17	28.45	18.54	-1.88	17
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11a	5 260	6	24	28.91	25.61	-1.88	24
	5 300	6	24	28.96	25.62	-1.88	24
	5 320	6	24	28.59	25.56	-1.88	24
	5 500	6	24	27.85	25.45	-3.55	24
	5 580	6	24	28.81	25.60	-3.55	24
	5 700	6	24	28.74	25.58	-3.55	24

-11n_HT20

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	4+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11n_HT20	5 180	MCS8	17	27.42	18.38	-1.88	17
	5 220	MCS8	17	26.02	18.15	-1.88	17
	5 240	MCS8	17	27.86	18.45	-1.88	17
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11n_HT20	5 260	MCS8	24	27.13	25.33	-1.88	24
	5 300	MCS8	24	21.09	24.24	-1.88	24
	5 320	MCS8	24	21.42	24.31	-1.88	24
	5 500	MCS8	24	20.11	24.03	-3.55	24
	5 580	MCS8	24	19.83	23.97	-3.55	23.97
	5 700	MCS8	24	19.95	24.00	-3.55	24

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-11n_HT40

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	4+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11n_HT40	5 190	MCS8	17	58.66	21.68	-1.88	17
	5 230	MCS8	17	54.72	21.38	-1.88	17
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11n_HT40	5 270	MCS8	24	55.76	28.46	-1.88	24
	5 310	MCS8	24	53.13	28.25	-1.88	24
	5 510	MCS8	24	52.90	28.23	-3.55	24
	5 550	MCS8	24	54.86	28.39	-3.55	24
	5 670	MCS8	24	46.67	27.69	-3.55	24

-11ac_VHT20

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	4+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT20	5 180	MCS0	17	19.96	17.00	-1.88	17
	5 220	MCS0	17	19.95	17.00	-1.88	17
	5 240	MCS0	17	20.04	17.02	-1.88	17
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT20	5 260	MCS0	24	19.80	23.97	-1.88	23.97
	5 300	MCS0	24	19.95	24.00	-1.88	24
	5 320	MCS0	24	19.96	24.00	-1.88	24
	5 500	MCS0	24	19.86	23.98	-3.55	23.98
	5 580	MCS0	24	19.89	23.99	-3.55	23.99
	5 700	MCS0	24	19.98	24.01	-3.55	24
	5 720	MCS0	24	19.87	23.98	-3.55	23.98

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-11ac_VHT40

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	4+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT40	5 190	MCS0	17	39.73	19.99	-1.88	17
	5 230	MCS0	17	40.29	20.05	-1.88	17
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT40	5 270	MCS0	24	40.28	27.05	-1.88	24
	5 310	MCS0	24	39.92	27.01	-1.88	24
	5 510	MCS0	24	40.09	27.03	-3.55	24
	5 550	MCS0	24	40.33	27.06	-3.55	24
	5 670	MCS0	24	39.90	27.01	-3.55	24
	5 710	MCS0	24	40.01	27.02	-3.55	24

11ac_VHT80

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	4+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT80	5 210	MCS0	17	80.96	23.08	-1.88	17
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT80	5 290	MCS0	24	81.15	30.09	-1.88	24
	5 530	MCS0	24	81.19	30.10	-3.55	24
	5 610	MCS0	24	81.24	30.10	-3.55	24
	5 690	MCS0	24	82.32	30.16	-3.55	24

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ANT1

-11a

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	4+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11a	5 180	6	17	28.16	18.50	-3.29	17
	5 220	6	17	29.10	18.64	-3.29	17
	5 240	6	17	29.64	18.72	-3.29	17
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11a	5 260	6	24	30.94	25.91	-3.29	24
	5 300	6	24	33.14	26.20	-3.29	24
	5 320	6	24	33.38	26.23	-3.29	24
	5 500	6	24	28.78	25.59	-3.77	24
	5 580	6	24	25.61	25.08	-3.77	24
	5 700	6	24	19.91	23.99	-3.77	23.99

-11n_HT20

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	4+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11n_HT20	5 180	MCS8	17	19.74	16.95	-3.29	16.95
	5 220	MCS8	17	20.01	17.01	-3.29	17
	5 240	MCS8	17	19.67	16.94	-3.29	16.94
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11n_HT20	5 260	MCS8	24	21.39	24.30	-3.29	24
	5 300	MCS8	24	22.99	24.62	-3.29	24
	5 320	MCS8	24	23.07	24.63	-3.29	24
	5 500	MCS8	24	19.75	23.96	-3.77	23.96
	5 580	MCS8	24	19.93	24.00	-3.77	24
	5 700	MCS8	24	20.10	24.03	-3.77	24

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-11n_HT40

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	4+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11n_HT40	5 190	MCS8	17	39.83	20.00	-3.29	17
	5 230	MCS8	17	39.66	19.98	-3.29	17
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11n_HT40	5 270	MCS8	24	55.40	28.44	-3.29	24
	5 310	MCS8	24	46.82	27.70	-3.29	24
	5 510	MCS8	24	39.73	26.99	-3.77	24
	5 550	MCS8	24	39.85	27.00	-3.77	24
	5 670	MCS8	24	39.98	27.02	-3.77	24

-11ac_VHT20

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	4+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT20	5 180	MCS0	17	19.76	16.96	-3.29	16.96
	5 220	MCS0	17	19.71	16.95	-3.29	16.95
	5 240	MCS0	17	19.68	16.94	-3.29	16.94
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT20	5 260	MCS0	24	19.73	23.95	-3.29	23.95
	5 300	MCS0	24	19.84	23.98	-3.29	23.98
	5 320	MCS0	24	19.84	23.98	-3.29	23.98
	5 500	MCS0	24	19.72	23.95	-3.77	23.95
	5 580	MCS0	24	19.63	23.93	-3.77	23.93
	5 700	MCS0	24	19.75	23.96	-3.77	23.96
	5 720	MCS0	24	19.78	23.96	-3.77	23.96

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-11ac_VHT40

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	4+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT40	5 190	MCS0	17	39.40	19.95	-3.29	17
	5 230	MCS0	17	39.84	20.00	-3.29	17
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT40	5 270	MCS0	24	40.62	27.09	-3.29	24
	5 310	MCS0	24	39.95	27.02	-3.29	24
	5 510	MCS0	24	40.20	27.04	-3.77	24
	5 550	MCS0	24	39.52	26.97	-3.77	24
	5 670	MCS0	24	40.02	27.02	-3.77	24
	5 710	MCS0	24	40.27	27.05	-3.77	24

11ac_VHT80

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	4+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT80	5 210	MCS0	17	81.34	23.10	-3.29	17
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	26 dB BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT80	5 290	MCS0	24	81.10	30.09	-3.29	24
	5 530	MCS0	24	81.22	30.10	-3.77	24
	5 610	MCS0	24	80.95	30.08	-3.77	24
	5 690	MCS0	24	80.96	30.08	-3.77	24

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4.4.2. IC Limit

ANT0

-11a

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	10+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11a	5 180	6	23	16.50	22.17	-1.88	22.17
	5 220	6	23	16.59	22.20	-1.88	22.20
	5 240	6	23	16.63	22.21	-1.88	22.21
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11a	5 260	6	24	16.65	23.21	-1.88	23.21
	5 300	6	24	16.61	23.20	-1.88	23.20
	5 320	6	24	16.50	23.17	-1.88	23.17
	5 500	6	24	16.51	23.18	-3.55	23.18
	5 580	6	24	16.51	23.18	-3.55	23.18
	5 700	6	24	16.50	23.17	-3.55	23.17

-11n_HT20

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	10+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11n_HT20	5 180	MCS8	23	17.68	22.47	-1.88	22.47
	5 220	MCS8	23	17.64	22.46	-1.88	22.46
	5 240	MCS8	23	17.65	22.47	-1.88	22.47
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11n_HT20	5 260	MCS8	24	17.65	23.47	-1.88	23.47
	5 300	MCS8	24	17.63	23.46	-1.88	23.46
	5 320	MCS8	24	17.63	23.46	-1.88	23.46
	5 500	MCS8	24	17.60	23.46	-3.55	23.46
	5 580	MCS8	24	17.60	23.46	-3.55	23.46
	5 700	MCS8	24	17.60	23.46	-3.55	23.46

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-11n_HT40

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	10+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11n_HT40	5 190	MCS8	23	36.13	25.58	-1.88	23
	5 230	MCS8	23	36.10	25.58	-1.88	23
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11n_HT40	5 270	MCS8	24	36.12	26.58	-1.88	24
	5 310	MCS8	24	36.13	26.58	-1.88	24
	5 510	MCS8	24	36.01	26.56	-3.55	24
	5 550	MCS8	24	36.04	26.57	-3.55	24
	5 670	MCS8	24	35.99	26.56	-3.55	24

-11ac_VHT20

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	10+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT20	5 180	MCS0	23	17.56	22.45	-1.88	22.45
	5 220	MCS0	23	17.57	22.45	-1.88	22.45
	5 240	MCS0	23	17.58	22.45	-1.88	22.45
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT20	5 260	MCS0	24	17.58	23.45	-1.88	23.45
	5 300	MCS0	24	17.57	23.45	-1.88	23.45
	5 320	MCS0	24	17.57	23.45	-1.88	23.45
	5 500	MCS0	24	17.57	23.45	-3.55	23.45
	5 580	MCS0	24	17.58	23.45	-3.55	23.45
	5 700	MCS0	24	17.57	23.45	-3.55	23.45
	5 720	MCS0	24	17.58	23.45	-3.55	23.45

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-11ac_VHT40

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	10+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT40	5 190	MCS0	23	36.02	25.57	-1.88	23
	5 230	MCS0	23	36.02	25.57	-1.88	23
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT40	5 270	MCS0	24	36.05	26.57	-1.88	24
	5 310	MCS0	24	36.08	26.57	-1.88	24
	5 510	MCS0	24	36.00	26.56	-3.55	24
	5 550	MCS0	24	36.02	26.57	-3.55	24
	5 670	MCS0	24	35.98	26.56	-3.55	24
	5 710	MCS0	24	35.97	26.56	-3.55	24

11ac_VHT80

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	10+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT80	5 210	MCS0	23	75.77	28.79	-1.88	23
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT80	5 290	MCS0	24	75.81	29.80	-1.88	24
	5 530	MCS0	24	75.79	29.80	-3.55	24
	5 610	MCS0	24	75.78	29.80	-3.55	24
	5 690	MCS0	24	75.77	29.79	-3.55	24

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ANT1

11a

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	10+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11a	5 180	6	23	16.58	22.20	-3.29	22.20
	5 220	6	23	16.72	22.23	-3.29	22.23
	5 240	6	23	16.66	22.22	-3.29	22.22
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11a	5 260	6	24	16.81	23.26	-3.29	23.26
	5 300	6	24	16.74	23.24	-3.29	23.24
	5 320	6	24	16.71	23.23	-3.29	23.23
	5 500	6	24	16.47	23.17	-3.77	23.17
	5 580	6	24	16.46	23.16	-3.77	23.16
	5 700	6	24	16.46	23.16	-3.77	23.16

-11n_HT20

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	10+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11n_HT20	5 180	MCS0	23	17.59	22.45	-3.29	22.45
	5 220	MCS0	23	17.62	22.46	-3.29	22.46
	5 240	MCS0	23	17.68	22.47	-3.29	22.47
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11n_HT20	5 260	MCS0	24	17.69	23.48	-3.29	23.48
	5 300	MCS0	24	17.61	23.46	-3.29	23.46
	5 320	MCS0	24	17.64	23.46	-3.29	23.46
	5 500	MCS0	24	17.58	23.45	-3.77	23.45
	5 580	MCS0	24	17.60	23.46	-3.77	23.46
	5 700	MCS0	24	17.58	23.45	-3.77	23.45

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-11n_HT40

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	10+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11n_HT40	5 190	MCS0	23	35.96	25.56	-3.29	23
	5 230	MCS0	23	35.99	25.56	-3.29	23
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11n_HT40	5 270	MCS0	24	36.00	26.56	-3.29	24
	5 310	MCS0	24	36.07	26.57	-3.29	24
	5 510	MCS0	24	36.02	26.57	-3.77	24
	5 550	MCS0	24	36.00	26.56	-3.77	24
	5 670	MCS0	24	35.96	26.56	-3.77	24

-11ac_VHT20

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	10+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT20	5 180	MCS0	23	17.57	22.45	-3.29	22.45
	5 220	MCS0	23	17.59	22.45	-3.29	22.45
	5 240	MCS0	23	17.57	22.45	-3.29	22.45
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT20	5 260	MCS0	24	17.58	23.45	-3.29	23.45
	5 300	MCS0	24	17.57	23.45	-3.29	23.45
	5 320	MCS0	24	17.59	23.45	-3.29	23.45
	5 500	MCS0	24	17.58	23.45	-3.77	23.45
	5 580	MCS0	24	17.58	23.45	-3.77	23.45
	5 700	MCS0	24	17.58	23.45	-3.77	23.45
	5 720	MCS0	24	17.57	23.45	-3.77	23.45

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-11ac_VHT40

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	10+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT40	5 190	MCS0	23	35.99	25.56	-3.29	23
	5 230	MCS0	23	35.99	25.56	-3.29	23
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT40	5 270	MCS0	24	36.02	26.57	-3.29	24
	5 310	MCS0	24	36.00	26.56	-3.29	24
	5 510	MCS0	24	36.00	26.56	-3.77	24
	5 550	MCS0	24	36.01	26.56	-3.77	24
	5 670	MCS0	24	35.96	26.56	-3.77	24
	5 710	MCS0	24	36.02	26.57	-3.77	24

11ac_VHT80

Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	10+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT80	5 210	MCS0	23	75.81	28.80	-3.29	23
Mode	Frequency (MHz)	Data Rate (Mbps)	Fixed Limit (dB m)	99% BW (MHz)	11+10LogB (dB m)	Antenna gain (dB i)	Limit (dB m)
11ac_VHT80	5 290	MCS0	24	75.84	29.80	-3.29	24
	5 530	MCS0	24	75.78	29.80	-3.77	24
	5 610	MCS0	24	75.76	29.79	-3.77	24
	5 690	MCS0	24	75.77	29.79	-3.77	24

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4.4.3. Result

-11a

Frequency [MHz]	Rated [Mbps]	Measured Power (Ant 0) [dB m]	Measured Power (Ant 1) [dB m]	Duty Factor	Combined power (Ant 0 + Ant 1) [dB m]	Limit [dB m]	
						FCC	IC
5 180	6	10.87	10.58	0.04	13.78	17.00	22.17
	9	10.80	10.54	0.04	13.72		
	12	10.78	10.50	0.04	13.69		
	18	10.66	10.43	0.04	13.60		
	24	10.63	10.40	0.04	13.57		
	36	10.62	10.36	0.04	13.54		
	48	10.57	10.25	0.04	13.46		
	54	10.50	10.22	0.04	13.41		
5 220	6	10.85	10.43	0.04	13.70	17.00	22.20
	9	10.75	10.31	0.04	13.59		
	12	10.68	10.20	0.04	13.50		
	18	10.56	10.12	0.04	13.40		
	24	10.45	10.07	0.04	13.31		
	36	10.34	10.03	0.04	13.24		
	48	10.29	9.95	0.04	13.17		
	54	10.21	9.84	0.04	13.08		
5 240	6	10.60	10.32	0.04	13.51	17.00	22.21
	9	10.48	10.20	0.04	13.39		
	12	10.47	10.13	0.04	13.35		
	18	10.46	10.05	0.04	13.31		
	24	10.36	9.99	0.04	13.23		
	36	10.25	9.96	0.04	13.16		
	48	10.18	9.95	0.04	13.12		
	54	10.17	9.91	0.04	13.09		

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Frequency [MHz]	Rated [Mbps]	Measured Power (Ant 0) [dB m]	Measured Power (Ant 1) [dB m]	Duty Factor	Combined power (Ant 0 + Ant 1) [dB m]	Limit [dB m]	
						FCC	IC
5 260	6	12.52	12.16	0.04	15.39	24.00	23.21
	9	12.38	12.04	0.04	15.26		
	12	12.31	12.01	0.04	15.21		
	18	12.22	11.93	0.04	15.13		
	24	12.10	11.84	0.04	15.02		
	36	12.06	11.77	0.04	14.97		
	48	11.98	11.76	0.04	14.92		
	54	11.87	11.64	0.04	14.81		
5 300	6	12.17	12.22	0.04	15.25	24.00	23.20
	9	12.15	12.17	0.04	15.21		
	12	12.14	12.05	0.04	15.15		
	18	12.10	11.97	0.04	15.09		
	24	12.02	11.93	0.04	15.03		
	36	11.96	11.81	0.04	14.94		
	48	11.95	11.77	0.04	14.91		
	54	11.91	11.67	0.04	14.84		
5 320	6	12.50	12.21	0.04	15.41	24.00	23.17
	9	12.49	12.21	0.04	15.40		
	12	12.46	12.09	0.04	15.33		
	18	12.34	12.02	0.04	15.23		
	24	12.24	11.91	0.04	15.13		
	36	12.23	11.85	0.04	15.09		
	48	12.11	11.80	0.04	15.01		
	54	12.03	11.79	0.04	14.96		

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Frequency [MHz]	Rated [Mbps]	Measured Power (Ant 0) [dB m]	Measured Power (Ant 1) [dB m]	Duty Factor	Combined power (Ant 0 + Ant 1) [dB m]	Limit [dB m]	
						FCC	IC
5 500	6	12.38	12.31	0.04	15.40	24.00	23.18
	9	12.31	12.21	0.04	15.31		
	12	12.26	12.17	0.04	15.27		
	18	12.16	12.05	0.04	15.16		
	24	12.11	12.02	0.04	15.12		
	36	12.04	11.91	0.04	15.03		
	48	11.97	11.89	0.04	14.98		
	54	11.90	11.80	0.04	14.90		
5 580	6	13.00	12.91	0.04	16.01	24.00	23.18
	9	12.94	12.85	0.04	15.95		
	12	12.90	12.82	0.04	15.91		
	18	12.86	12.72	0.04	15.84		
	24	12.77	12.64	0.04	15.76		
	36	12.66	12.61	0.04	15.69		
	48	12.63	12.60	0.04	15.67		
	54	12.54	12.50	0.04	15.57		
5 700	6	11.31	10.65	0.04	14.04	24.00	23.17
	9	11.29	10.60	0.04	14.01		
	12	11.22	10.56	0.04	13.95		
	18	11.21	10.46	0.04	13.90		
	24	11.13	10.36	0.04	13.81		
	36	11.08	10.28	0.04	13.75		
	48	10.98	10.26	0.04	13.69		
	54	10.93	10.17	0.04	13.62		

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-11n_HT20(Calculated)

Frequency [MHz]	Rated [Mbps]	Measured Power (Ant 0) [dB m]	Measured Power (Ant 1) [dB m]	Duty Factor	Combined power (Ant 0 + Ant 1) [dB m]	Limit [dB m]	
						FCC	IC
5 180	MCS8	10.87	10.58	0.13	13.87	17.00	22.47
	MCS9	10.77	10.53	0.13	13.79		
	MCS10	10.74	10.42	0.13	13.72		
	MCS11	10.62	10.37	0.13	13.64		
	MCS12	10.53	10.36	0.13	13.59		
	MCS13	10.52	10.35	0.13	13.58		
	MCS14	10.50	10.26	0.13	13.52		
	MCS15	10.46	10.23	0.13	13.49		
5 220	MCS8	10.88	10.15	0.13	13.67	17.00	22.46
	MCS9	10.86	10.06	0.13	13.62		
	MCS10	10.74	10.01	0.13	13.53		
	MCS11	10.63	9.90	0.13	13.42		
	MCS12	10.58	9.89	0.13	13.39		
	MCS13	10.46	9.86	0.13	13.31		
	MCS14	10.44	9.84	0.13	13.29		
	MCS15	10.34	9.73	0.13	13.19		
5 240	MCS8	10.78	10.06	0.13	13.58	17.00	22.47
	MCS9	10.72	10.02	0.13	13.52		
	MCS10	10.68	9.96	0.13	13.48		
	MCS11	10.61	9.93	0.13	13.42		
	MCS12	10.52	9.89	0.13	13.36		
	MCS13	10.40	9.86	0.13	13.28		
	MCS14	10.34	9.83	0.13	13.23		
	MCS15	10.33	9.80	0.13	13.21		

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Frequency [MHz]	Rated [Mbps]	Measured Power (Ant 0) [dB m]	Measured Power (Ant 1) [dB m]	Duty Factor	Combined power (Ant 0 + Ant 1) [dB m]	Limit [dB m]	
						FCC	IC
5 260	MCS8	12.47	12.19	0.13	15.47	24.00	23.47
	MCS9	12.44	12.12	0.13	15.42		
	MCS10	12.32	12.09	0.13	15.35		
	MCS11	12.29	12.08	0.13	15.33		
	MCS12	12.19	12.00	0.13	15.24		
	MCS13	12.08	11.90	0.13	15.13		
	MCS14	12.03	11.83	0.13	15.07		
	MCS15	12.01	11.71	0.13	15.00		
5 300	MCS8	12.49	12.39	0.13	15.58	24.00	23.46
	MCS9	12.47	12.34	0.13	15.55		
	MCS10	12.40	12.22	0.13	15.45		
	MCS11	12.30	12.17	0.13	15.38		
	MCS12	12.26	12.07	0.13	15.31		
	MCS13	12.18	12.02	0.13	15.24		
	MCS14	12.15	11.97	0.13	15.20		
	MCS15	12.08	11.86	0.13	15.11		
5 320	MCS8	12.53	12.22	0.13	15.52	24.00	23.46
	MCS9	12.52	12.11	0.13	15.46		
	MCS10	12.43	12.03	0.13	15.37		
	MCS11	12.40	11.99	0.13	15.34		
	MCS12	12.37	11.94	0.13	15.30		
	MCS13	12.36	11.92	0.13	15.29		
	MCS14	12.31	11.82	0.13	15.21		
	MCS15	12.24	11.75	0.13	15.14		

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Frequency [MHz]	Rated [Mbps]	Measured Power (Ant 0) [dB m]	Measured Power (Ant 1) [dB m]	Duty Factor	Combined power (Ant 0 + Ant 1) [dB m]	Limit [dB m]	
						FCC	IC
5 500	MCS8	12.38	12.31	0.13	15.49	24.00	23.46
	MCS9	12.30	12.29	0.13	15.44		
	MCS10	12.25	12.24	0.13	15.39		
	MCS11	12.15	12.23	0.13	15.33		
	MCS12	12.07	12.22	0.13	15.29		
	MCS13	12.04	12.12	0.13	15.22		
	MCS14	12.03	12.01	0.13	15.16		
	MCS15	11.97	11.94	0.13	15.10		
5 580	MCS8	12.46	12.18	0.13	15.46	23.97	23.46
	MCS9	12.35	12.14	0.13	15.39		
	MCS10	12.32	12.04	0.13	15.32		
	MCS11	12.29	11.94	0.13	15.26		
	MCS12	12.24	11.91	0.13	15.22		
	MCS13	12.17	11.84	0.13	15.15		
	MCS14	12.10	11.82	0.13	15.10		
	MCS15	12.06	11.74	0.13	15.04		
5 700	MCS8	11.31	11.15	0.13	14.37	24.00	23.46
	MCS9	11.26	11.11	0.13	14.33		
	MCS10	11.25	11.09	0.13	14.31		
	MCS11	11.20	11.00	0.13	14.24		
	MCS12	11.14	10.98	0.13	14.20		
	MCS13	11.07	10.94	0.13	14.15		
	MCS14	11.06	10.87	0.13	14.11		
	MCS15	11.03	10.78	0.13	14.05		

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-11n_HT40

Frequency [MHz]	Rated [Mbps]	Measured Power (Ant 0) [dB m]	Measured Power (Ant 1) [dB m]	Duty Factor	Combined power (Ant 0 + Ant 1) [dB m]	Limit [dB m]	
						FCC	IC
5 190	MCS8	8.41	7.91	0.36	11.54	17.00	23.00
	MCS9	8.29	7.86	0.36	11.45		
	MCS10	8.26	7.75	0.36	11.38		
	MCS11	8.16	7.66	0.36	11.29		
	MCS12	8.06	7.64	0.36	11.23		
	MCS13	8.01	7.54	0.36	11.15		
	MCS14	7.96	7.51	0.36	11.11		
	MCS15	7.93	7.50	0.36	11.09		
5 230	MCS8	9.68	9.54	0.36	12.98	17.00	23.00
	MCS9	9.56	9.43	0.36	12.87		
	MCS10	9.51	9.32	0.36	12.79		
	MCS11	9.50	9.25	0.36	12.75		
	MCS12	9.41	9.13	0.36	12.64		
	MCS13	9.40	9.06	0.36	12.60		
	MCS14	9.38	9.02	0.36	12.57		
	MCS15	9.34	8.93	0.36	12.51		
5 270	MCS8	9.78	9.43	0.36	12.98	24.00	24.00
	MCS9	9.67	9.35	0.36	12.88		
	MCS10	9.57	9.24	0.36	12.78		
	MCS11	9.56	9.13	0.36	12.72		
	MCS12	9.47	9.11	0.36	12.66		
	MCS13	9.46	9.10	0.36	12.65		
	MCS14	9.40	8.99	0.36	12.57		
	MCS15	9.30	8.96	0.36	12.50		
5 310	MCS8	9.77	9.62	0.36	13.07	24.00	24.00
	MCS9	9.67	9.56	0.36	12.99		
	MCS10	9.58	9.51	0.36	12.92		
	MCS11	9.56	9.45	0.36	12.88		
	MCS12	9.49	9.42	0.36	12.83		
	MCS13	9.41	9.38	0.36	12.77		
	MCS14	9.35	9.36	0.36	12.73		
	MCS15	9.31	9.33	0.36	12.69		

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Frequency [MHz]	Rated [Mbps]	Measured Power (Ant 0) [dB m]	Measured Power (Ant 1) [dB m]	Duty Factor	Combined power (Ant 0 + Ant 1) [dB m]	Limit [dB m]	
						FCC	IC
5 510	MCS8	10.27	9.87	0.36	13.44	24.00	24.00
	MCS9	10.26	9.83	0.36	13.42		
	MCS10	10.16	9.81	0.36	13.36		
	MCS11	10.12	9.75	0.36	13.31		
	MCS12	10.02	9.67	0.36	13.22		
	MCS13	10.00	9.64	0.36	13.19		
	MCS14	9.89	9.54	0.36	13.09		
	MCS15	9.80	9.45	0.36	13.00		
5 550	MCS8	9.62	9.50	0.36	12.93	24.00	24.00
	MCS9	9.52	9.47	0.36	12.87		
	MCS10	9.40	9.44	0.36	12.79		
	MCS11	9.39	9.40	0.36	12.77		
	MCS12	9.31	9.30	0.36	12.68		
	MCS13	9.23	9.26	0.36	12.62		
	MCS14	9.12	9.19	0.36	12.53		
	MCS15	9.10	9.13	0.36	12.49		
5 670	MCS8	9.73	9.68	0.36	13.08	24.00	24.00
	MCS9	9.69	9.56	0.36	13.00		
	MCS10	9.63	9.51	0.36	12.94		
	MCS11	9.56	9.39	0.36	12.85		
	MCS12	9.55	9.29	0.36	12.79		
	MCS13	9.54	9.27	0.36	12.78		
	MCS14	9.48	9.25	0.36	12.74		
	MCS15	9.43	9.13	0.36	12.65		

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-11ac_VHT20(Calculated)

Frequency [MHz]	Rated [Mbps]	Measured Power (Ant 0) [dB m]	Measured Power (Ant 1) [dB m]	Duty Factor	Combined power (Ant 0 + Ant 1) [dB m]	Limit [dB m]	
						FCC	IC
5 180	MCS0	8.23	7.54	0.04	10.95	17.00	22.45
	MCS1	8.14	7.49	0.04	10.88		
	MCS2	8.04	7.41	0.04	10.79		
	MCS3	8.02	7.31	0.04	10.73		
	MCS4	7.90	7.21	0.04	10.62		
	MCS5	7.88	7.18	0.04	10.59		
	MCS6	7.84	7.17	0.04	10.57		
	MCS7	7.82	7.16	0.04	10.55		
	MCS8	7.78	7.11	0.04	10.51		
	MCS9	7.69	7.01	0.04	10.41		
5 220	MCS0	8.07	7.71	0.04	10.94	17.00	22.45
	MCS1	7.99	7.59	0.04	10.84		
	MCS2	7.96	7.50	0.04	10.79		
	MCS3	7.95	7.45	0.04	10.76		
	MCS4	7.85	7.40	0.04	10.68		
	MCS5	7.76	7.36	0.04	10.61		
	MCS6	7.65	7.28	0.04	10.52		
	MCS7	7.64	7.22	0.04	10.49		
	MCS8	7.56	7.21	0.04	10.44		
	MCS9	7.51	7.11	0.04	10.36		
5 240	MCS0	8.18	7.73	0.04	11.01	17.00	22.45
	MCS1	8.11	7.63	0.04	10.93		
	MCS2	7.99	7.53	0.04	10.82		
	MCS3	7.92	7.52	0.04	10.77		
	MCS4	7.80	7.51	0.04	10.71		
	MCS5	7.79	7.44	0.04	10.67		
	MCS6	7.78	7.32	0.04	10.61		
	MCS7	7.71	7.28	0.04	10.55		
	MCS8	7.64	7.25	0.04	10.50		
	MCS9	7.61	7.15	0.04	10.44		

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Frequency [MHz]	Rated [Mbps]	Measured Power (Ant 0) [dB m]	Measured Power (Ant 1) [dB m]	Duty Factor	Combined power (Ant 0 + Ant 1) [dB m]	Limit [dB m]	
						FCC	IC
5 260	MCS0	8.06	7.86	0.04	11.01	23.97	23.45
	MCS1	8.00	7.79	0.04	10.95		
	MCS2	7.90	7.72	0.04	10.86		
	MCS3	7.81	7.69	0.04	10.80		
	MCS4	7.73	7.57	0.04	10.70		
	MCS5	7.62	7.53	0.04	10.63		
	MCS6	7.52	7.48	0.04	10.55		
	MCS7	7.44	7.42	0.04	10.48		
	MCS8	7.42	7.39	0.04	10.46		
	MCS9	7.32	7.33	0.04	10.38		
5 300	MCS0	7.86	7.68	0.04	10.82	24.00	23.45
	MCS1	7.77	7.67	0.04	10.77		
	MCS2	7.70	7.59	0.04	10.70		
	MCS3	7.60	7.47	0.04	10.59		
	MCS4	7.59	7.42	0.04	10.56		
	MCS5	7.58	7.39	0.04	10.54		
	MCS6	7.51	7.38	0.04	10.50		
	MCS7	7.41	7.28	0.04	10.40		
	MCS8	7.40	7.21	0.04	10.36		
	MCS9	7.36	7.13	0.04	10.30		
5 320	MCS0	7.61	8.26	0.04	11.00	24.00	23.45
	MCS1	7.52	8.22	0.04	10.93		
	MCS2	7.47	8.19	0.04	10.90		
	MCS3	7.39	8.13	0.04	10.83		
	MCS4	7.31	8.05	0.04	10.75		
	MCS5	7.19	8.04	0.04	10.69		
	MCS6	7.15	7.95	0.04	10.62		
	MCS7	7.12	7.84	0.04	10.55		
	MCS8	7.02	7.80	0.04	10.48		
	MCS9	6.93	7.77	0.04	10.42		

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Frequency [MHz]	Rated [Mbps]	Measured Power (Ant 0) [dB m]	Measured Power (Ant 1) [dB m]	Duty Factor	Combined power (Ant 0 + Ant 1) [dB m]	Limit [dB m]	
						FCC	IC
5 500	MCS0	8.13	7.95	0.04	11.09	23.98	23.45
	MCS1	8.09	7.88	0.04	11.04		
	MCS2	8.05	7.82	0.04	10.99		
	MCS3	8.00	7.79	0.04	10.95		
	MCS4	7.92	7.70	0.04	10.86		
	MCS5	7.84	7.63	0.04	10.79		
	MCS6	7.73	7.57	0.04	10.70		
	MCS7	7.72	7.46	0.04	10.64		
	MCS8	7.62	7.37	0.04	10.55		
	MCS9	7.58	7.35	0.04	10.52		
5 580	MCS0	7.94	8.31	0.04	11.18	23.99	23.45
	MCS1	7.88	8.22	0.04	11.10		
	MCS2	7.78	8.20	0.04	11.05		
	MCS3	7.74	8.19	0.04	11.02		
	MCS4	7.73	8.09	0.04	10.96		
	MCS5	7.61	8.04	0.04	10.88		
	MCS6	7.51	7.95	0.04	10.79		
	MCS7	7.50	7.90	0.04	10.75		
	MCS8	7.43	7.80	0.04	10.67		
	MCS9	7.42	7.70	0.04	10.61		
5 700	MCS0	7.81	8.61	0.04	11.28	24.00	23.45
	MCS1	7.78	8.51	0.04	11.21		
	MCS2	7.74	8.49	0.04	11.18		
	MCS3	7.72	8.43	0.04	11.14		
	MCS4	7.65	8.33	0.04	11.05		
	MCS5	7.58	8.29	0.04	11.00		
	MCS6	7.49	8.28	0.04	10.95		
	MCS7	7.45	8.26	0.04	10.92		
	MCS8	7.41	8.18	0.04	10.86		
	MCS9	7.37	8.17	0.04	10.84		

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Frequency [MHz]	Rated [Mbps]	Measured Power (Ant 0) [dB m]	Measured Power (Ant 1) [dB m]	Duty Factor	Combined power (Ant 0 + Ant 1) [dB m]	Limit [dB m]	
						FCC	IC
5 720	MCS0	8.17	7.49	0.04	10.89	23.98	23.45
	MCS1	8.12	7.38	0.04	10.82		
	MCS2	8.11	7.33	0.04	10.79		
	MCS3	8.09	7.28	0.04	10.75		
	MCS4	7.99	7.23	0.04	10.68		
	MCS5	7.92	7.15	0.04	10.60		
	MCS6	7.88	7.12	0.04	10.57		
	MCS7	7.86	7.10	0.04	10.55		
	MCS8	7.83	7.08	0.04	10.52		
	MCS9	7.79	6.98	0.04	10.45		

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-11ac_VHT40

Frequency [MHz]	Rated [Mbps]	Measured Power (Ant 0) [dB m]	Measured Power (Ant 1) [dB m]	Duty Factor	Combined power (Ant 0 + Ant 1) [dB m]	Limit [dB m]	
						FCC	IC
5 190	MCS0	8.22	7.85	0.18	11.23	17.00	23.00
	MCS1	8.14	7.81	0.18	11.17		
	MCS2	8.11	7.71	0.18	11.10		
	MCS3	7.99	7.66	0.18	11.02		
	MCS4	7.90	7.61	0.18	10.95		
	MCS5	7.84	7.57	0.18	10.90		
	MCS6	7.75	7.49	0.18	10.81		
	MCS7	7.66	7.44	0.18	10.74		
	MCS8	7.55	7.40	0.18	10.67		
	MCS9	7.48	7.35	0.18	10.61		
5 230	MCS0	8.23	7.96	0.18	11.29	17.00	23.00
	MCS1	8.16	7.95	0.18	11.25		
	MCS2	8.07	7.91	0.18	11.18		
	MCS3	8.03	7.81	0.18	11.11		
	MCS4	7.94	7.80	0.18	11.06		
	MCS5	7.85	7.71	0.18	10.97		
	MCS6	7.83	7.64	0.18	10.93		
	MCS7	7.72	7.53	0.18	10.82		
	MCS8	7.66	7.51	0.18	10.78		
	MCS9	7.56	7.44	0.18	10.69		
5 270	MCS0	8.28	7.85	0.18	11.26	24.00	24.00
	MCS1	8.18	7.78	0.18	11.17		
	MCS2	8.09	7.77	0.18	11.12		
	MCS3	8.01	7.73	0.18	11.06		
	MCS4	7.99	7.65	0.18	11.01		
	MCS5	7.98	7.63	0.18	11.00		
	MCS6	7.97	7.62	0.18	10.99		
	MCS7	7.95	7.61	0.18	10.97		
	MCS8	7.92	7.58	0.18	10.94		
	MCS9	7.80	7.49	0.18	10.84		

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Frequency [MHz]	Rated [Mbps]	Measured Power (Ant 0) [dB m]	Measured Power (Ant 1) [dB m]	Duty Factor	Combined power (Ant 0 + Ant 1) [dB m]	Limit [dB m]	
						FCC	IC
5 310	MCS0	7.84	7.93	0.18	11.08	24.00	24.00
	MCS1	7.76	7.88	0.18	11.01		
	MCS2	7.73	7.81	0.18	10.96		
	MCS3	7.62	7.75	0.18	10.88		
	MCS4	7.60	7.65	0.18	10.82		
	MCS5	7.58	7.56	0.18	10.76		
	MCS6	7.47	7.53	0.18	10.69		
	MCS7	7.40	7.45	0.18	10.62		
	MCS8	7.30	7.37	0.18	10.53		
	MCS9	7.24	7.32	0.18	10.47		
5 510	MCS0	7.87	7.55	0.18	10.90	24.00	24.00
	MCS1	7.81	7.47	0.18	10.83		
	MCS2	7.75	7.38	0.18	10.76		
	MCS3	7.67	7.37	0.18	10.71		
	MCS4	7.61	7.31	0.18	10.65		
	MCS5	7.54	7.22	0.18	10.57		
	MCS6	7.51	7.16	0.18	10.53		
	MCS7	7.49	7.14	0.18	10.51		
	MCS8	7.39	7.05	0.18	10.41		
	MCS9	7.33	7.03	0.18	10.37		
5 550	MCS0	8.11	8.06	0.18	11.28	24.00	24.00
	MCS1	8.02	7.97	0.18	11.19		
	MCS2	7.99	7.86	0.18	11.12		
	MCS3	7.88	7.82	0.18	11.04		
	MCS4	7.76	7.79	0.18	10.97		
	MCS5	7.70	7.68	0.18	10.88		
	MCS6	7.66	7.65	0.18	10.85		
	MCS7	7.63	7.54	0.18	10.78		
	MCS8	7.54	7.42	0.18	10.67		
	MCS9	7.51	7.30	0.18	10.60		

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Frequency [MHz]	Rated [Mbps]	Measured Power (Ant 0) [dB m]	Measured Power (Ant 1) [dB m]	Duty Factor	Combined power (Ant 0 + Ant 1) [dB m]	Limit [dB m]	
						FCC	IC
5 670	MCS0	8.15	7.94	0.18	11.24	24.00	24.00
	MCS1	8.04	7.90	0.18	11.16		
	MCS2	7.93	7.88	0.18	11.10		
	MCS3	7.91	7.79	0.18	11.04		
	MCS4	7.88	7.70	0.18	10.98		
	MCS5	7.82	7.65	0.18	10.93		
	MCS6	7.70	7.63	0.18	10.86		
	MCS7	7.63	7.57	0.18	10.79		
	MCS8	7.59	7.49	0.18	10.73		
	MCS9	7.48	7.39	0.18	10.63		
5 710	MCS0	8.04	7.94	0.18	11.18	24.00	24.00
	MCS1	8.03	7.89	0.18	11.15		
	MCS2	8.02	7.83	0.18	11.12		
	MCS3	7.96	7.78	0.18	11.06		
	MCS4	7.89	7.74	0.18	11.01		
	MCS5	7.83	7.62	0.18	10.92		
	MCS6	7.81	7.60	0.18	10.90		
	MCS7	7.70	7.55	0.18	10.82		
	MCS8	7.59	7.43	0.18	10.70		
	MCS9	7.55	7.33	0.18	10.63		

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-11ac_VHT80

Frequency [MHz]	Rated [Mbps]	Measured Power (Ant 0) [dB m]	Measured Power (Ant 1) [dB m]	Duty Factor	Combined power (Ant 0 + Ant 1) [dB m]	Limit [dB m]	
						FCC	IC
5 210	MCS0	6.50	5.34	0.36	9.33	17.00	23.00
	MCS1	6.49	5.23	0.36	9.28		
	MCS2	6.37	5.13	0.36	9.16		
	MCS3	6.29	5.08	0.36	9.10		
	MCS4	6.19	4.98	0.36	9.00		
	MCS5	6.14	4.91	0.36	8.94		
	MCS6	6.04	4.82	0.36	8.84		
	MCS7	5.98	4.77	0.36	8.79		
	MCS8	5.92	4.65	0.36	8.70		
	MCS9	5.87	4.60	0.36	8.65		
5 290	MCS0	6.24	5.56	0.36	9.28	24.00	24.00
	MCS1	6.13	5.44	0.36	9.17		
	MCS2	6.07	5.32	0.36	9.08		
	MCS3	6.01	5.25	0.36	9.02		
	MCS4	6.00	5.18	0.36	8.98		
	MCS5	5.96	5.06	0.36	8.90		
	MCS6	5.91	4.98	0.36	8.84		
	MCS7	5.86	4.90	0.36	8.78		
	MCS8	5.78	4.83	0.36	8.70		
	MCS9	5.69	4.82	0.36	8.65		
5 530	MCS0	6.13	5.90	0.36	9.39	24.00	24.00
	MCS1	6.11	5.82	0.36	9.34		
	MCS2	6.07	5.74	0.36	9.28		
	MCS3	6.00	5.71	0.36	9.23		
	MCS4	5.96	5.63	0.36	9.17		
	MCS5	5.91	5.62	0.36	9.14		
	MCS6	5.82	5.50	0.36	9.03		
	MCS7	5.77	5.40	0.36	8.96		
	MCS8	5.68	5.39	0.36	8.91		
	MCS9	5.61	5.37	0.36	8.86		

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Frequency [MHz]	Rated [Mbps]	Measured Power (Ant 0) [dB m]	Measured Power (Ant 1) [dB m]	Duty Factor	Combined power (Ant 0 + Ant 1) [dB m]	Limit [dB m]	
						FCC	IC
5 610	MCS0	6.02	5.69	0.36	9.23	24.00	24.00
	MCS1	5.99	5.67	0.36	9.20		
	MCS2	5.96	5.60	0.36	9.15		
	MCS3	5.94	5.55	0.36	9.12		
	MCS4	5.86	5.53	0.36	9.07		
	MCS5	5.74	5.51	0.36	9.00		
	MCS6	5.67	5.39	0.36	8.90		
	MCS7	5.56	5.34	0.36	8.82		
	MCS8	5.50	5.32	0.36	8.78		
	MCS9	5.41	5.31	0.36	8.73		
5 690	MCS0	6.19	6.36	0.36	9.65	24.00	24.00
	MCS1	6.09	6.28	0.36	9.56		
	MCS2	6.03	6.24	0.36	9.51		
	MCS3	6.01	6.20	0.36	9.48		
	MCS4	5.98	6.11	0.36	9.42		
	MCS5	5.92	6.10	0.36	9.38		
	MCS6	5.81	6.05	0.36	9.30		
	MCS7	5.72	6.03	0.36	9.25		
	MCS8	5.66	5.95	0.36	9.18		
	MCS9	5.58	5.92	0.36	9.12		

Remark

According to KDB662911, average power of each port (ANT0 and ANT1) was combined by using below calculation.

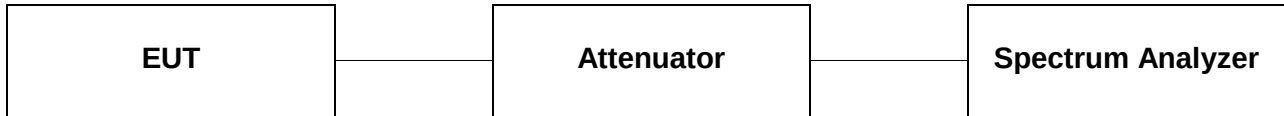
Ant 0+Ant 1 (Calculated)

Combined power : $10\log\{10^{(\text{Ant 0_Measured Power}/10)}+10^{(\text{Ant 1_Measured Power}/10)}\}$

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5. Peak power spectral density

5.1. Test setup



5.2. Limit

5.2.1. FCC 15.407

(a)(1)

For the band 5.15-5.25 GHz band, the peak power spectral density shall not exceed 4 dBm in any 1 MHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(a)(2)

For the band 5.25–5.35 GHz and 5.47–5.725 GHz bands, the peak power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

5.2.2. IC RSS-210

A9.2(1) Band 5 150-5 250 MHz

The e.i.r.p.. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

A9.2(2) Band 5 250-5 350 MHz

The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

A9.2(3) Band 5 600-5 650 MHz

The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

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5.3. Test procedure

All data rates and modes were investigated for this test. The full data for the worst case data rate are reported in this section.

1. This measurement settings are specified in clause b) Method SA-1 of section E of KDB 789033_v01r03.
2. Set span to encompass the 26 dB EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal.
3. Set RBW = 1 MHz
4. Set VBW $\geq$ 3 MHz
5. Number of points in sweep $\geq$ 2 Span / RBW. (This ensures that bin-to-bin spacing is $\leq$ RBW/2, so that narrowband signals are not lost between frequency bins.)
6. Sweep time = auto.
7. Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.
8. Do not use sweep triggering. Allow the sweep to "free run".
9. Trace average at least 100 traces in power averaging (i.e., RMS) mode.
10. Use the peak search function on the spectrum analyzer to find the peak of the spectrum.
11. The result is the PPSD.

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5.4. Test result

Ambient temperature : (24 ± 2) °C
Relative humidity : 49 % R.H.

- 802.11a

Frequency (MHz)	Data Rate (Mbps)	Ant 0_Measured PSD (dB m)	Ant 1_Measured PSD (dB m)	Duty Factor	Ant 0 + Ant 1 Result (dB m)	Limit (dB m)
5 180	6	-0.304	0.968	0.04	3.43	4
5 220	6	-0.401	0.892	0.04	3.34	4
5 240	6	-0.457	1.012	0.04	3.39	4
5 260	6	4.656	4.179	0.04	7.47	11
5 300	6	4.319	3.730	0.04	7.08	11
5 320	6	2.720	3.320	0.04	6.08	11
5 500	6	3.743	0.363	0.04	5.42	11
5 580	6	4.202	-1.027	0.04	5.38	11
5 700	6	4.024	-2.137	0.04	5.01	11

- 802.11n_HT20(Calculated)

Frequency (MHz)	Data Rate (Mbps)	Ant 0 Measured PSD (dB m)	Ant 1 Measured PSD (dB m)	Duty Factor	Ant 0 + Ant 1 Result (dB m)	Limit (dB m)
5 180	MCS8	-0.242	1.507	0.13	3.86	4
5 220	MCS8	-0.087	1.265	0.13	3.78	4
5 240	MCS8	0.554	0.452	0.13	3.64	4
5 260	MCS8	1.380	3.983	0.13	6.01	11
5 300	MCS8	0.853	3.818	0.13	5.72	11
5 320	MCS8	0.464	3.581	0.13	5.44	11
5 500	MCS8	0.790	0.512	0.13	3.79	11
5 580	MCS8	0.764	-0.504	0.13	3.32	11
5 700	MCS8	0.466	-2.069	0.13	2.52	11

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- 802.11n_HT40(Calculated)

Frequency (MHz)	Data Rate (Mbps)	Ant 0_Measured PSD (dB m)	Ant 1_Measured PSD (dB m)	Duty Factor	Ant 0 + Ant 1 Result (dB m)	Limit (dB m)
5 190	MCS8	-1.385	-1.360	0.36	2.00	4
5 230	MCS8	-1.242	-0.848	0.36	2.33	4
5 270	MCS8	-2.097	-0.804	0.36	1.97	4
5 310	MCS8	-2.033	-1.100	0.36	1.83	11
5 510	MCS8	-3.053	-4.658	0.36	-0.41	11
5 550	MCS8	-2.252	-5.073	0.36	-0.07	11
5 670	MCS8	-3.006	-5.151	0.36	-0.58	11

- 802.11ac_VHT20(Calculated)

Frequency (MHz)	Data Rate (Mbps)	Ant 0_Measured PSD (dB m)	Ant 1_Measured PSD (dB m)	Duty Factor	Ant 0 + Ant 1 Result (dB m)	Limit (dB m)
5 180	MCS0	-1.896	0.363	0.04	2.43	4
5 220	MCS0	-1.562	0.648	0.04	2.73	4
5 240	MCS0	-2.191	0.913	0.04	2.68	4
5 260	MCS0	-1.838	0.609	0.04	2.61	11
5 300	MCS0	-1.997	0.528	0.04	2.50	11
5 320	MCS0	-2.890	0.203	0.04	1.98	11
5 500	MCS0	-2.634	-3.215	0.04	0.14	11
5 580	MCS0	-2.130	-4.196	0.04	0.01	11
5 700	MCS0	-2.572	-5.171	0.04	-0.63	11
5 720	MCS0	-6.577	-3.568	0.04	-1.77	11

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- 802.11ac_VHT40(Calculated)

Frequency (MHz)	Data Rate (Mbps)	Ant 0_Measured PSD (dB m)	Ant 1_Measured PSD (dB m)	Duty Factor	Ant 0 + Ant 1 Result (dB m)	Limit (dB m)
5 190	MCS0	-4.038	-3.050	0.18	-0.33	4
5 230	MCS0	-4.112	-2.579	0.18	-0.09	4
5 270	MCS0	-5.015	-2.393	0.18	-0.32	4
5 310	MCS0	-4.900	-2.986	0.18	-0.65	11
5 510	MCS0	-5.432	-6.175	0.18	-2.60	11
5 550	MCS0	-5.337	-6.326	0.18	-2.61	11
5 670	MCS0	-4.987	-6.692	0.18	-2.57	11
5 710	MCS0	-6.736	-6.298	0.18	-3.32	11

- 802.11ac_VHT80(Calculated)

Frequency (MHz)	Data Rate (Mbps)	Ant 0_Measured PSD (dB m)	Ant 1_Measured PSD (dB m)	Duty Factor	Ant 0 + Ant 1 Result (dB m)	Limit (dB m)
5 210	MCS0	-10.824	-8.595	0.36	-6.20	4
5 290	MCS0	-8.227	-8.327	0.36	-4.91	4
5 530	MCS0	-9.369	-12.435	0.36	-7.27	4
5 610	MCS0	-11.395	-12.611	0.36	-8.59	11
5 690	MCS0	-10.475	-12.947	0.36	-8.17	11

Note;

- Ant0+Ant1 (Calculated)
- Result : $10 \cdot \log\{10^{(\text{Ant0_Measured PSD}/10)} + 10^{(\text{Ant1_Measured PSD}/10)}\}$
- In case of the Data Rate, record the Data Rate of the worst case

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Ant 0

802.11a (6 Mbps)

Low Channel (5 180 MHz)



Middle Channel (5 220 MHz)



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High Channel (5 240 MHz)



Low Channel (5 260 MHz)



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Middle Channel (5 300 MHz)



High Channel (5 320 MHz)



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Low Channel (5 500 MHz)



Middle Channel (5 580 MHz)



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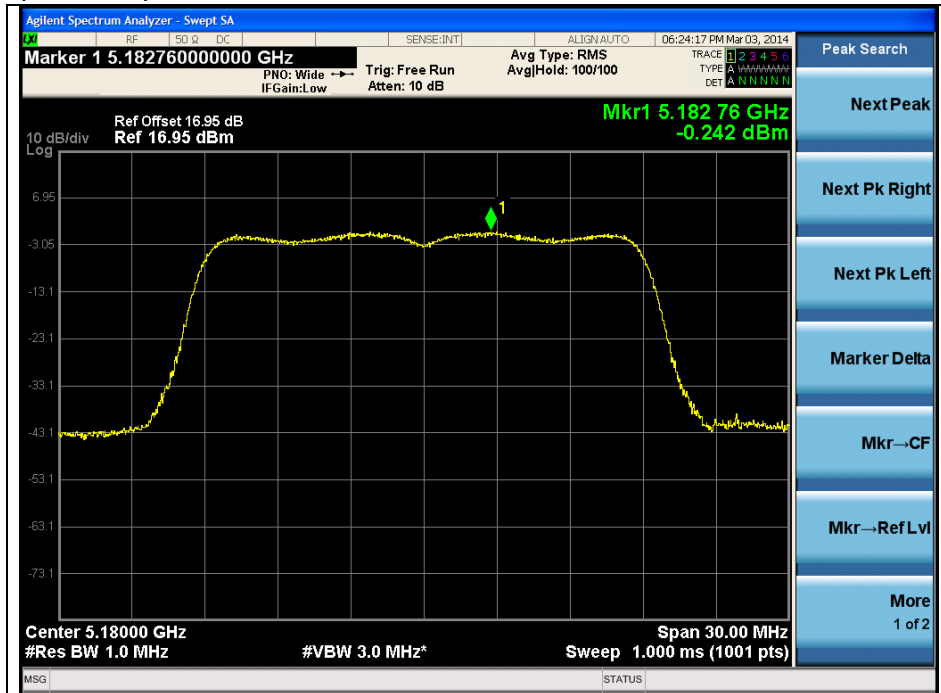
High Channel (5 700 MHz)



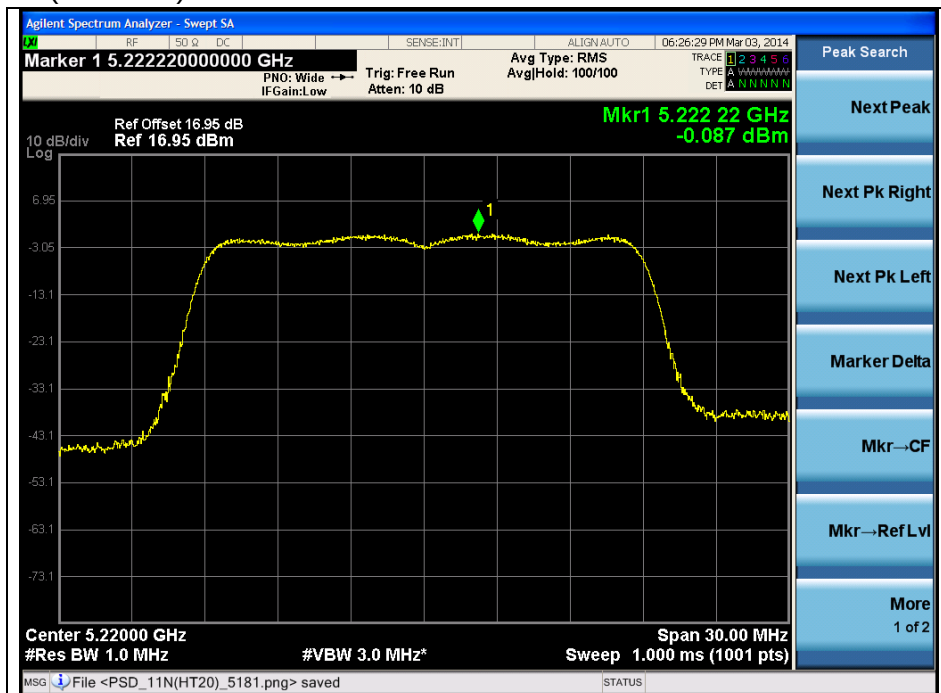
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802.11n_HT20 (MCS8)

Low Channel (5 180 MHz)

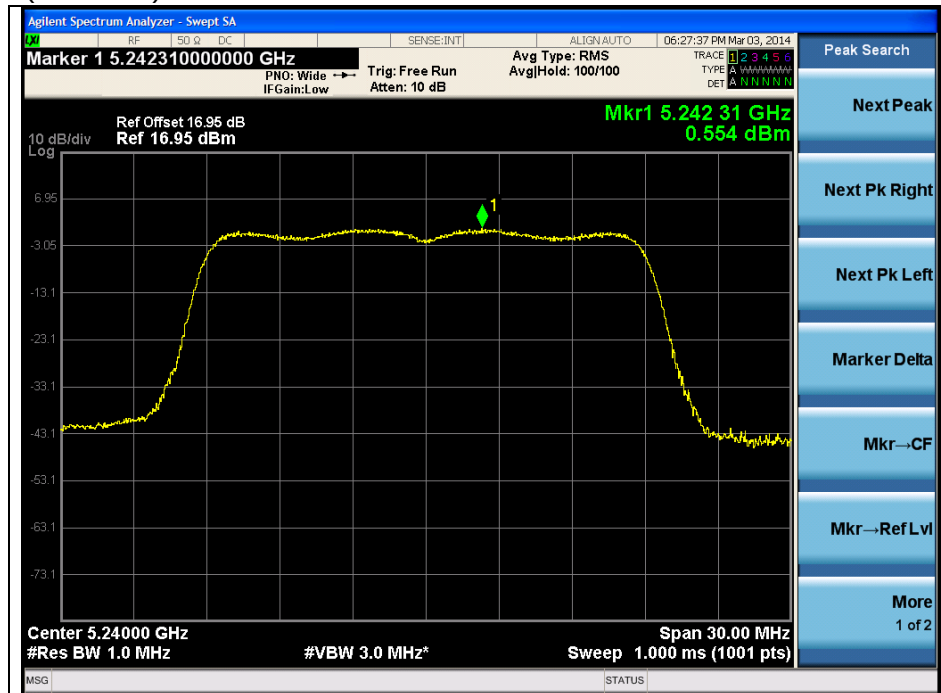


Middle Channel (5 220 MHz)

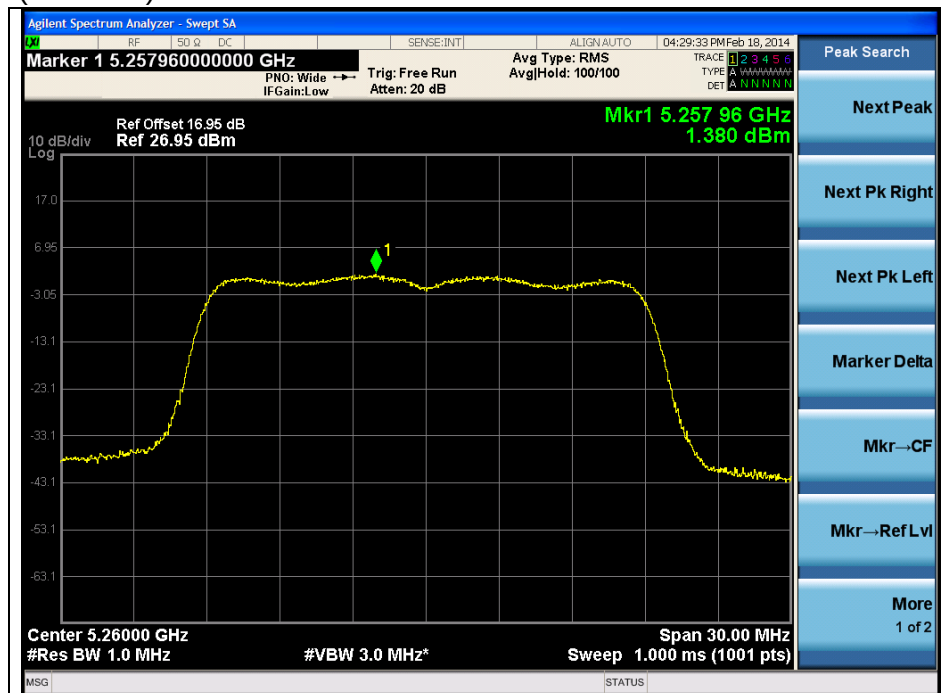


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High Channel (5 240 MHz)

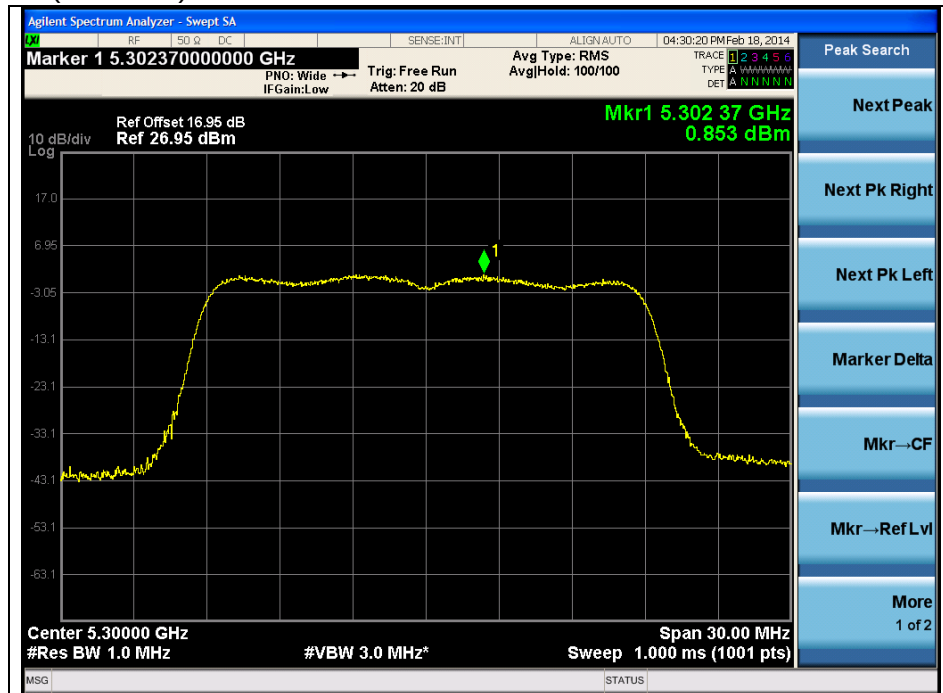


Low Channel (5 260 MHz)

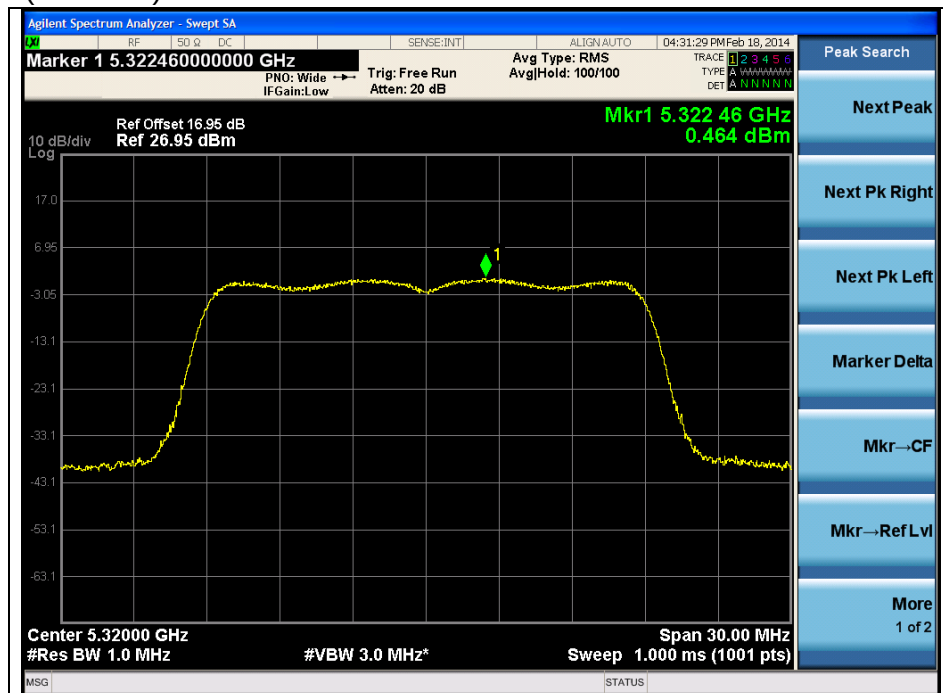


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Middle Channel (5 300 MHz)

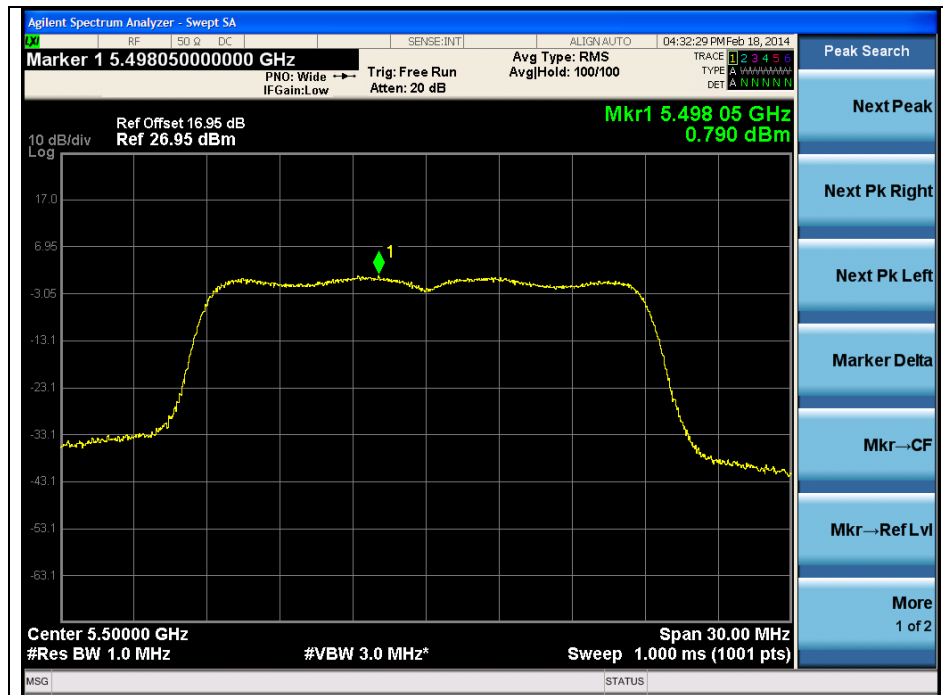


High Channel (5 320 MHz)

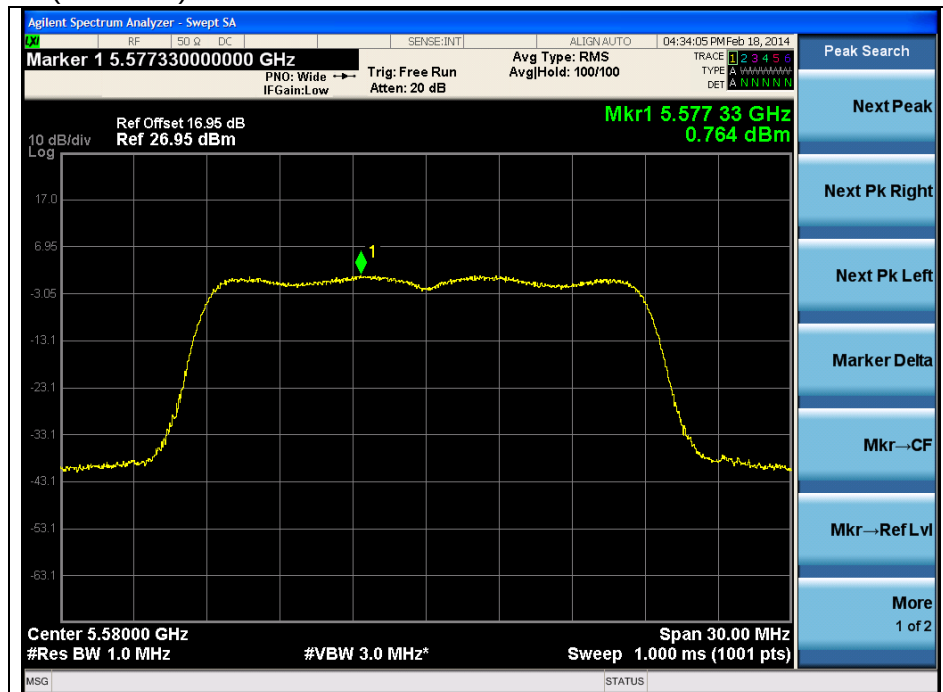


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Low Channel (5 500 MHz)

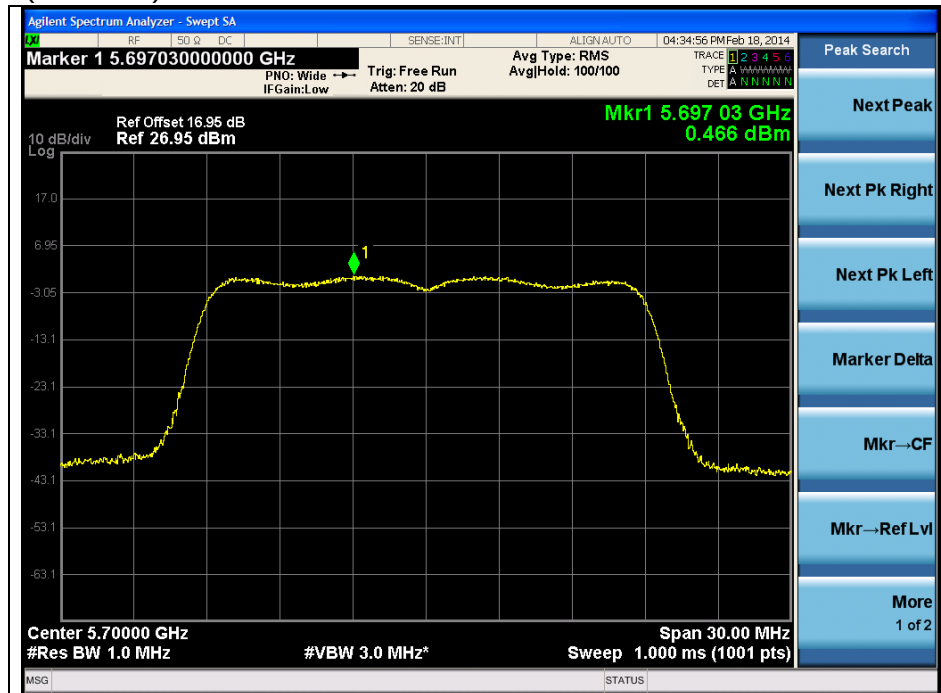


Middle Channel (5 580 MHz)



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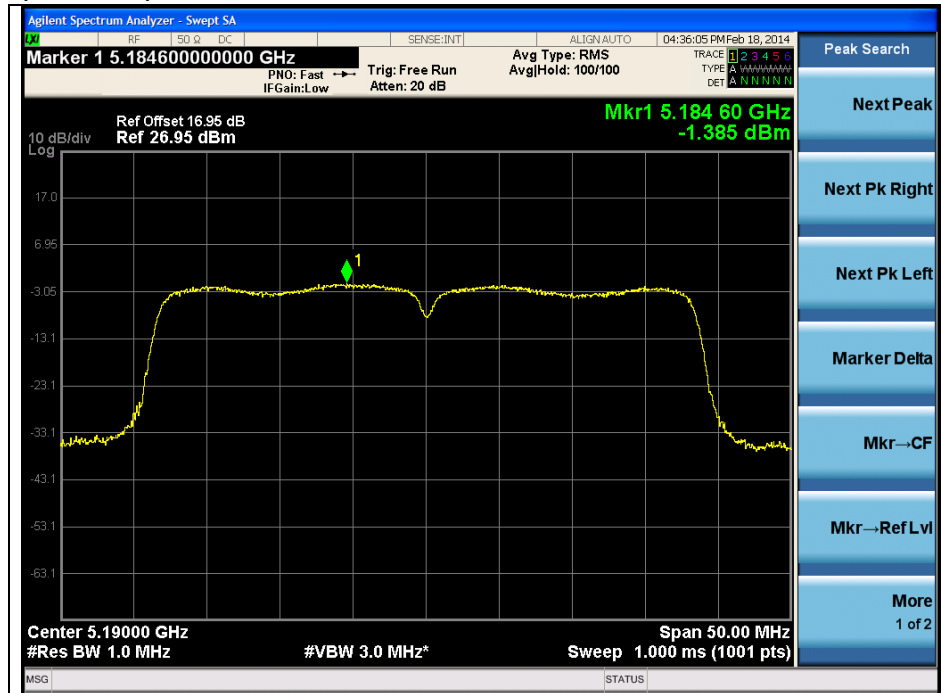
High Channel (5 700 MHz)



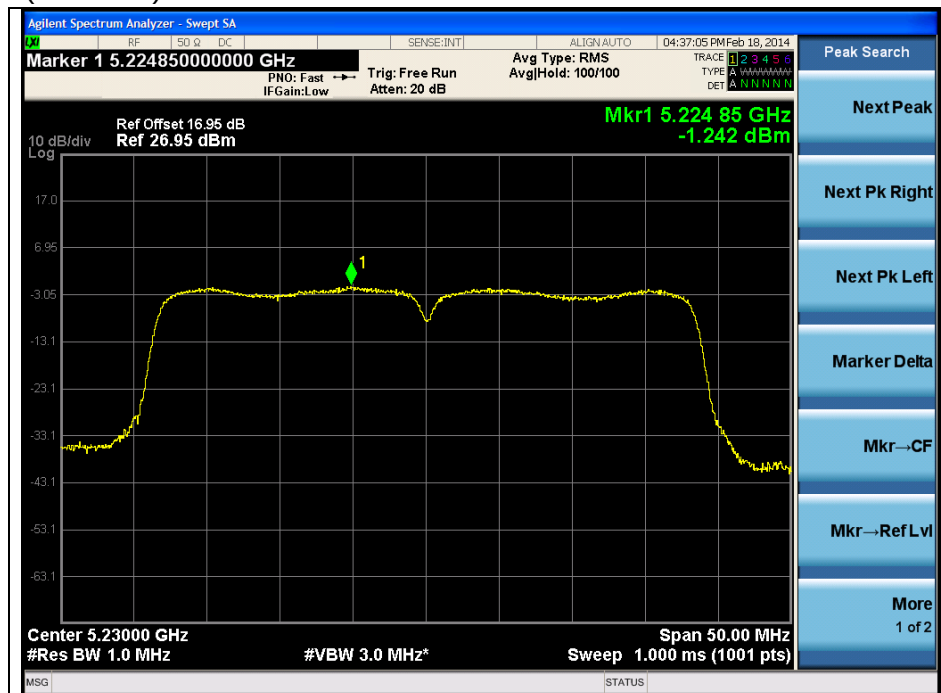
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802.11n_HT40 (MCS8)

Low Channel (5 190 MHz)

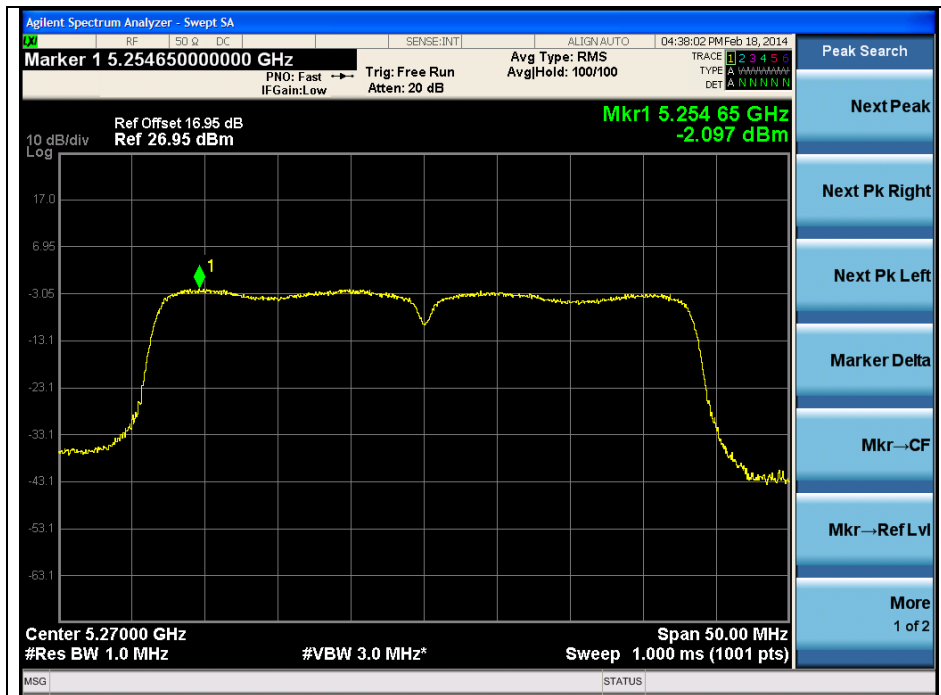


High Channel (5 230 MHz)

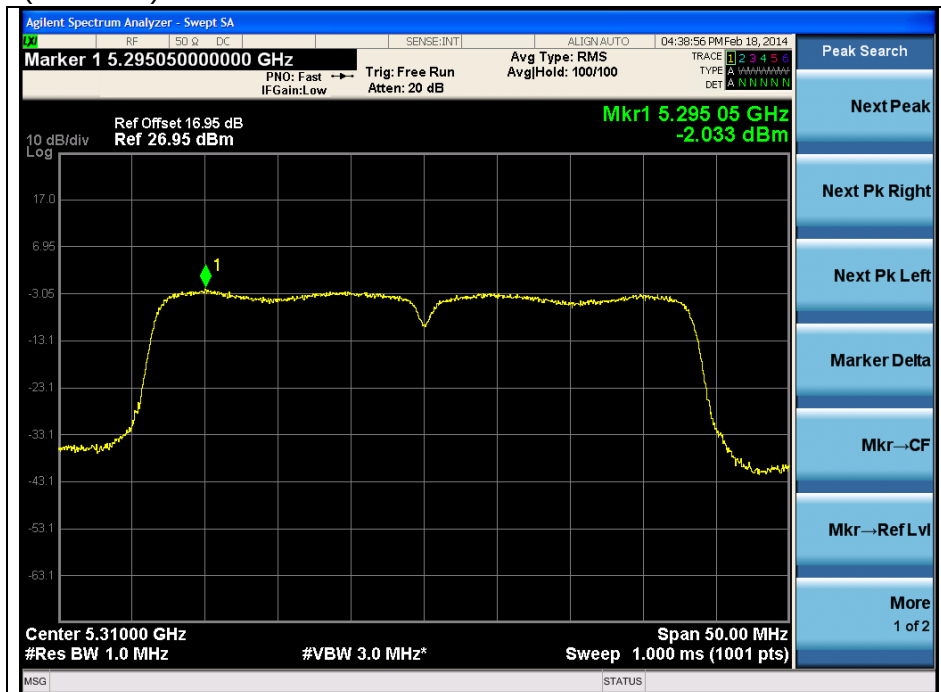


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Low Channel (5 270 MHz)

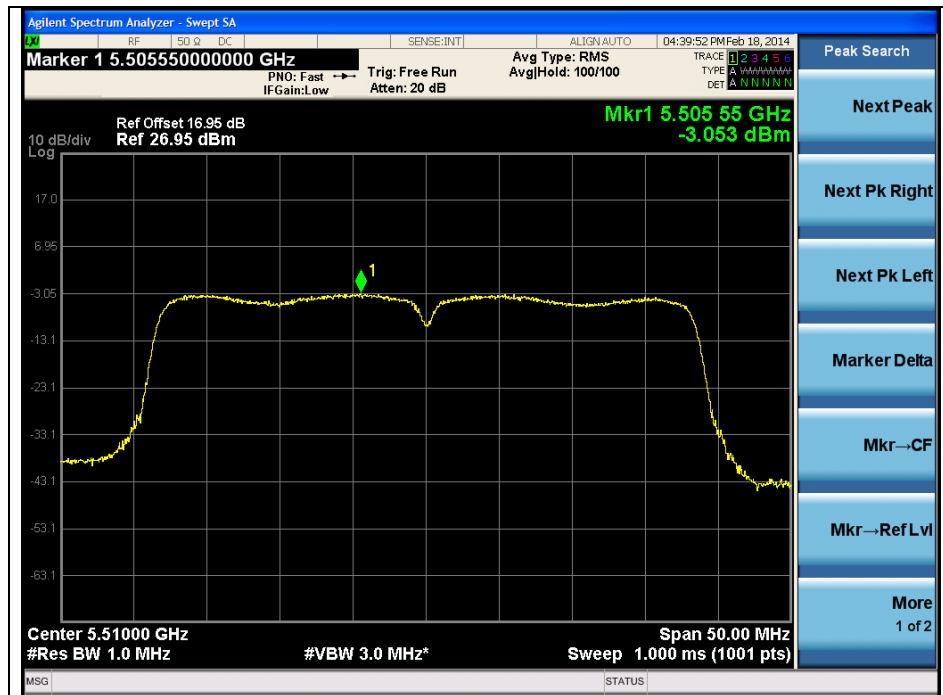


High Channel (5 310 MHz)

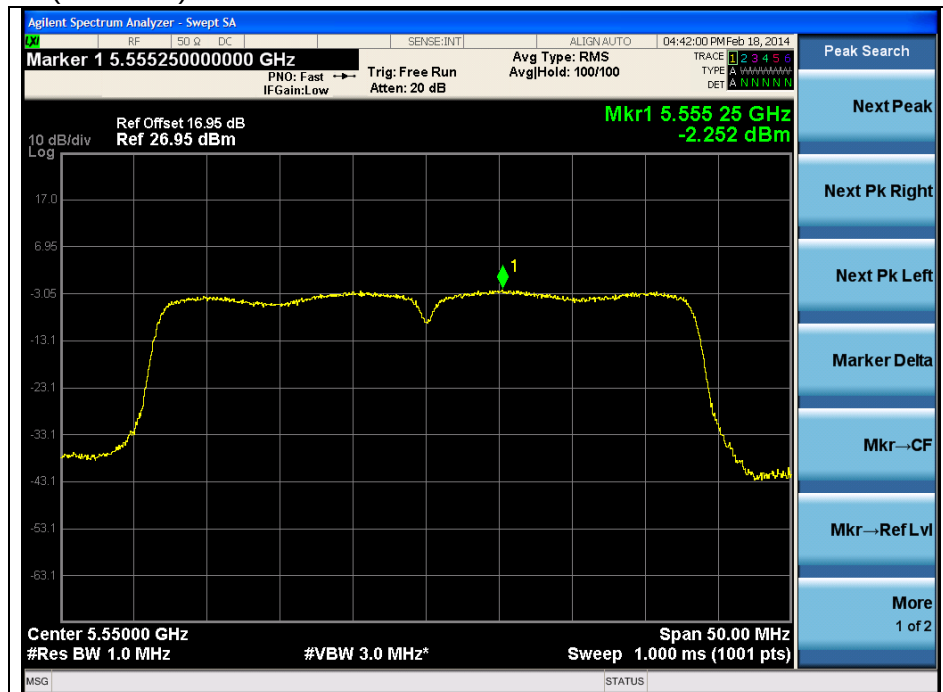


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Low Channel (5 510 MHz)

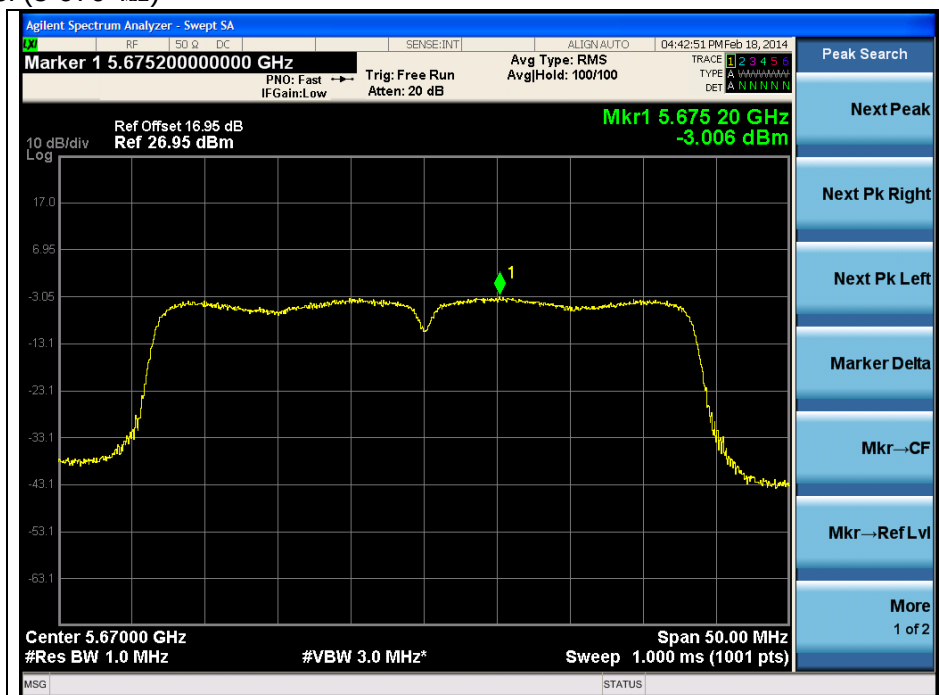


Middle Channel (5 550 MHz)



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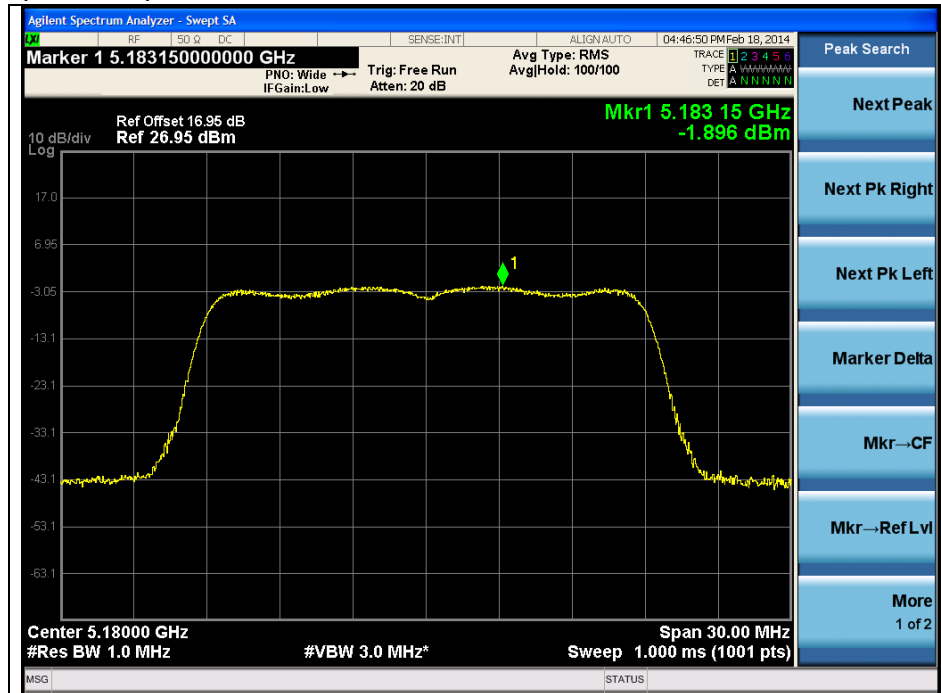
High Channel (5 670 MHz)



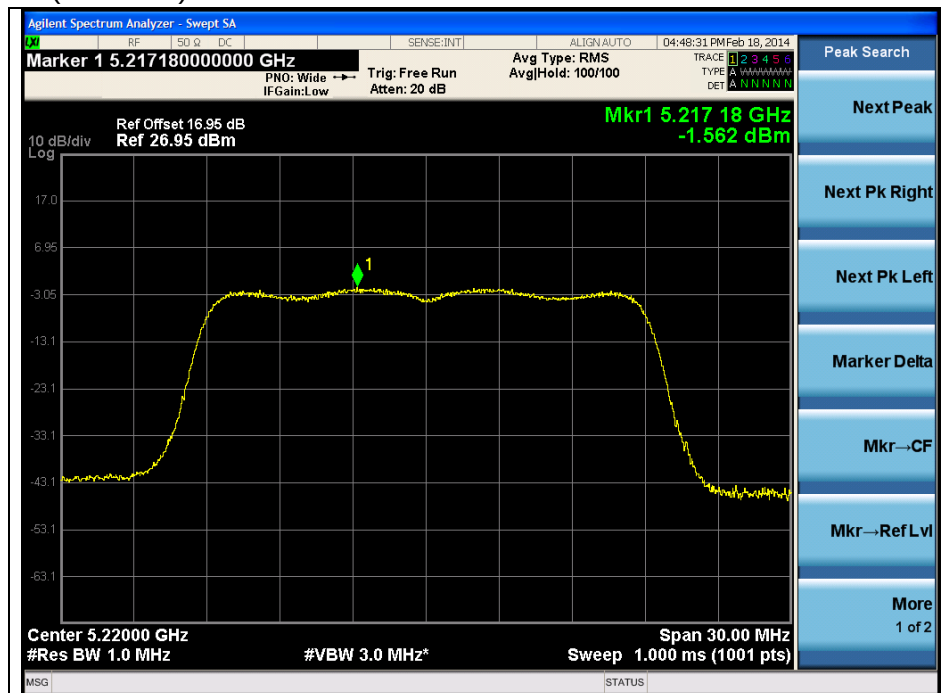
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802.11ac_VHT20 (MCS0)

Low Channel (5 180 MHz)

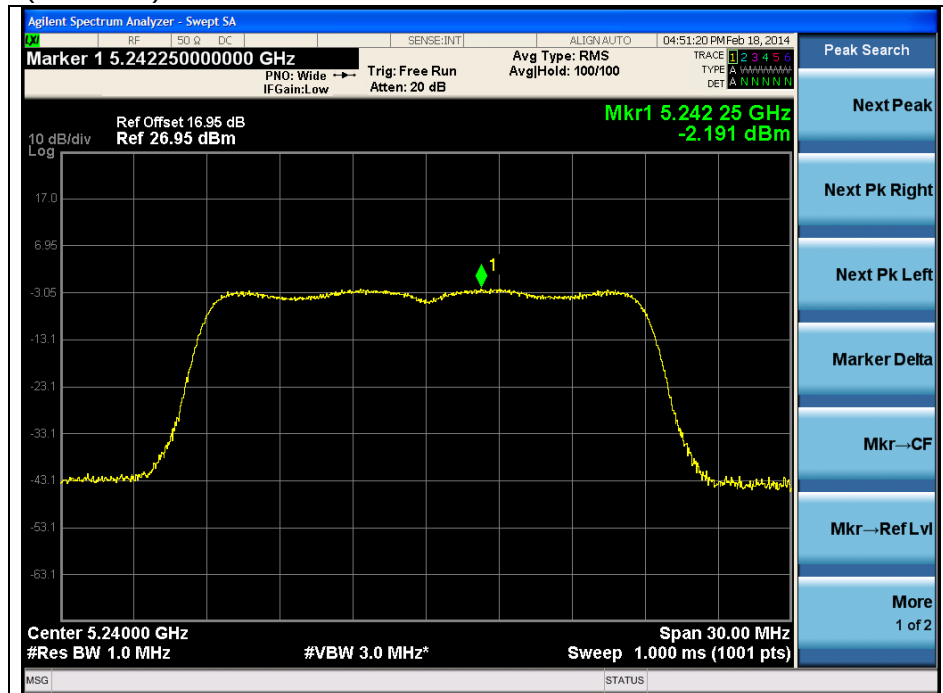


Middle Channel (5 220 MHz)

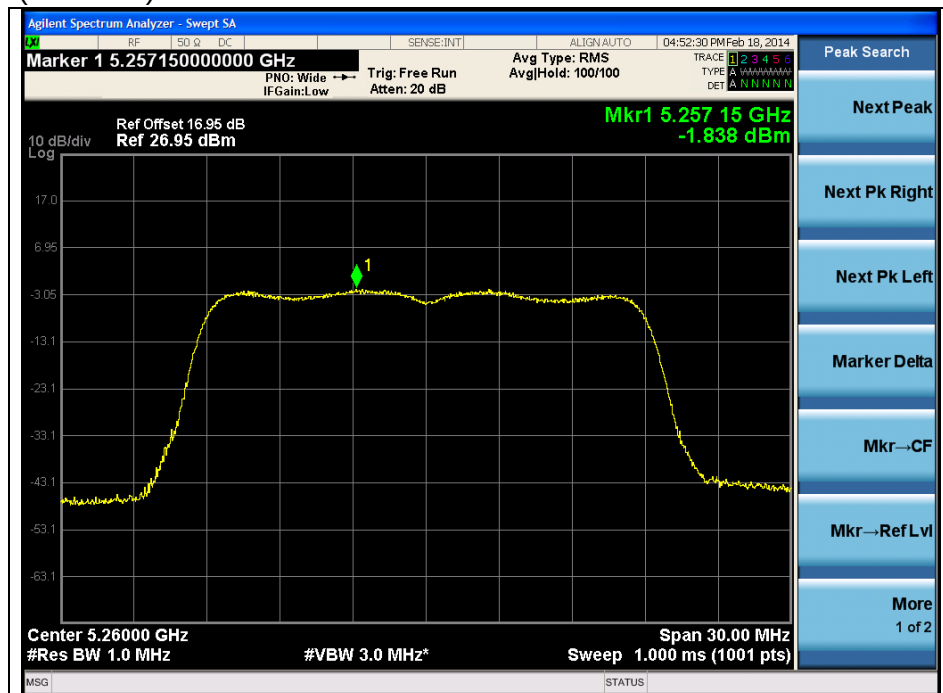


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High Channel (5 240 MHz)

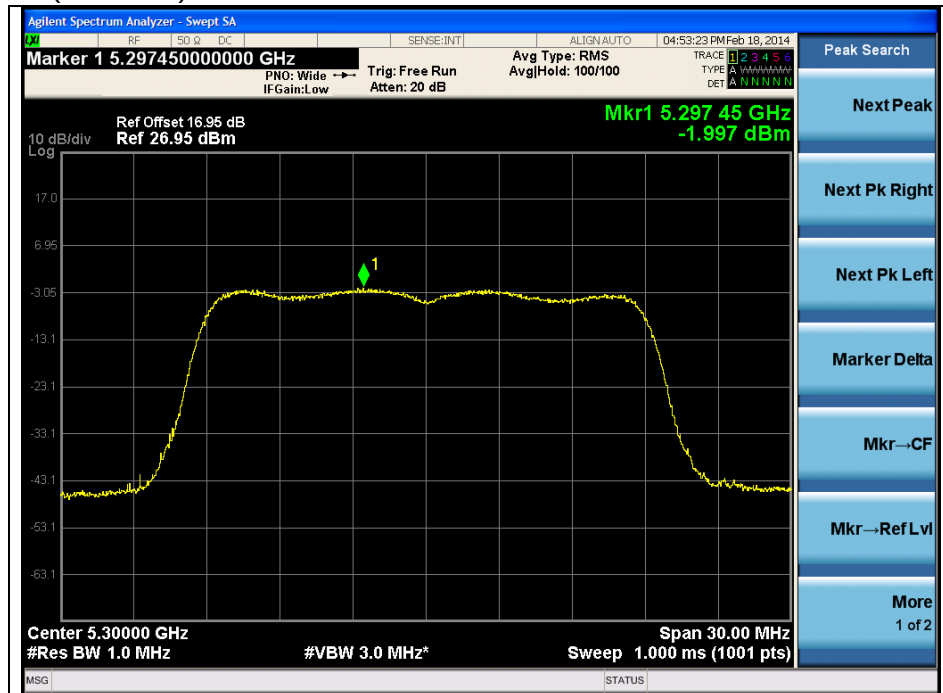


Low Channel (5 260 MHz)

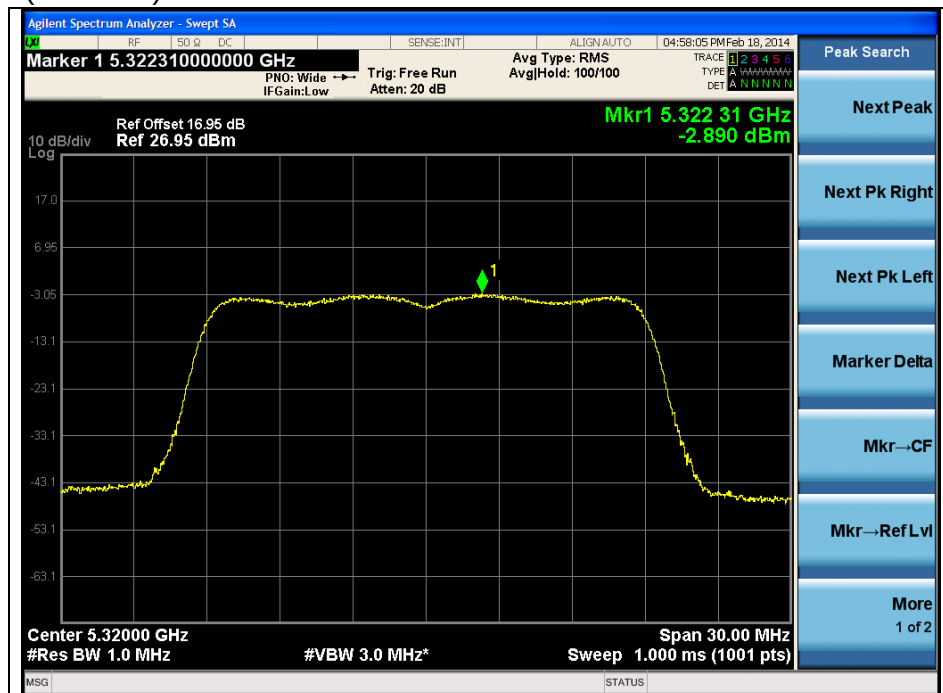


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Middle Channel (5 300 MHz)

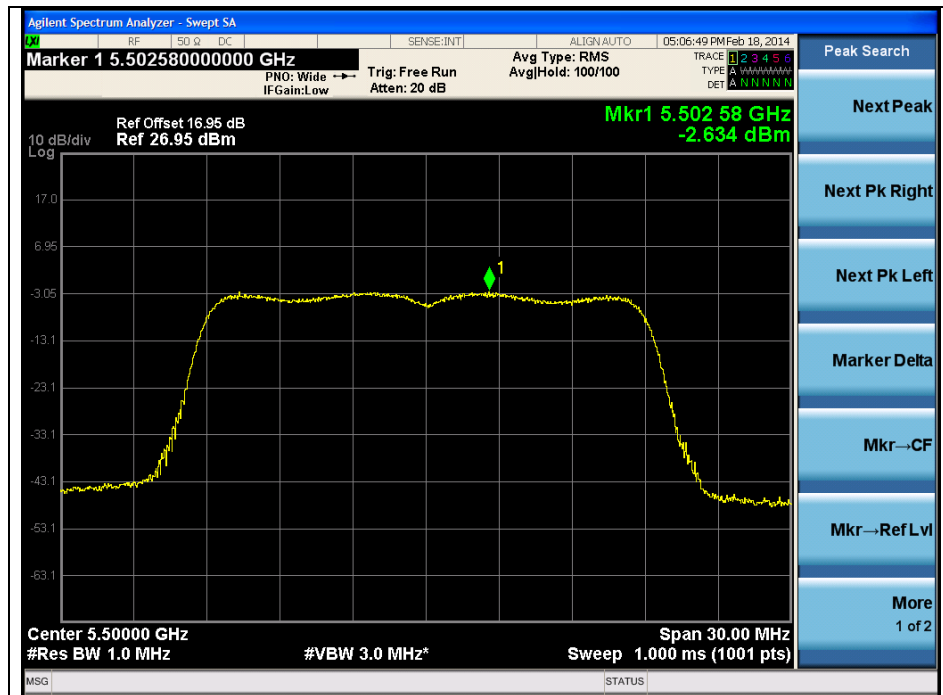


High Channel (5 320 MHz)

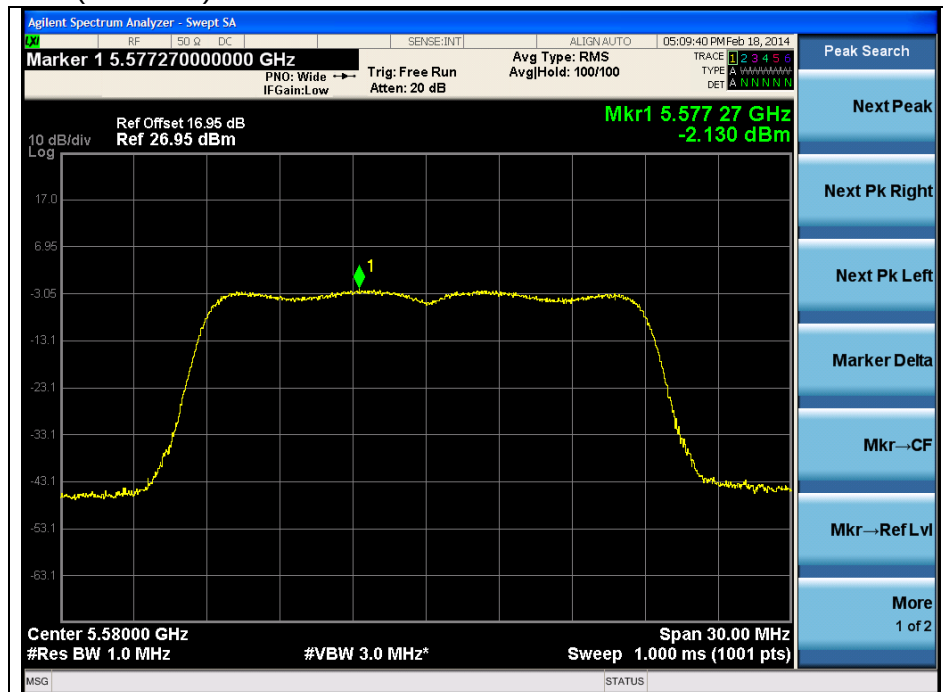


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Low Channel (5 500 MHz)

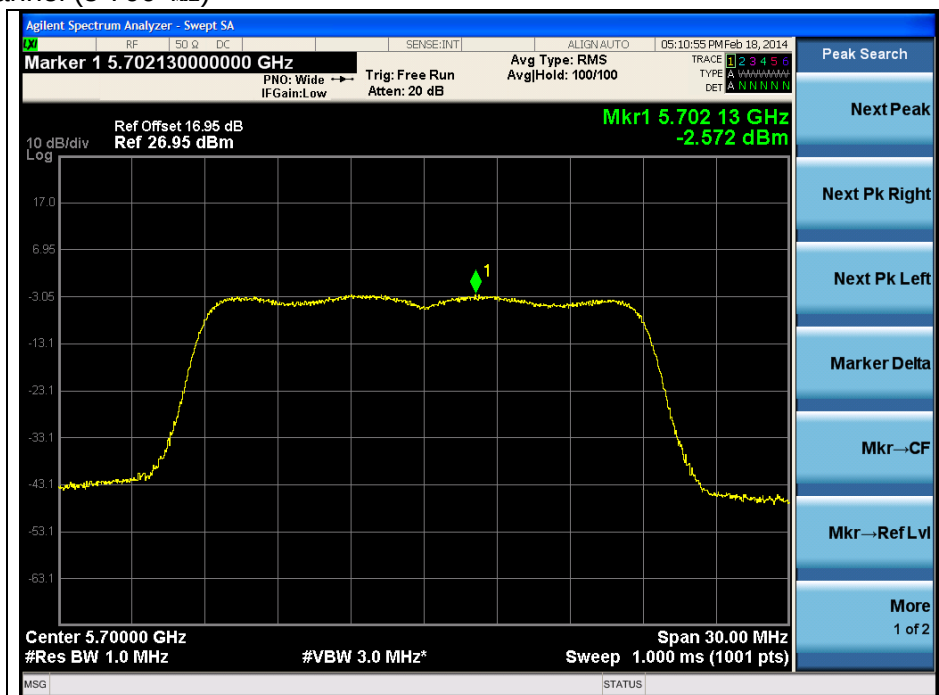


Middle 1 Channel (5 580 MHz)

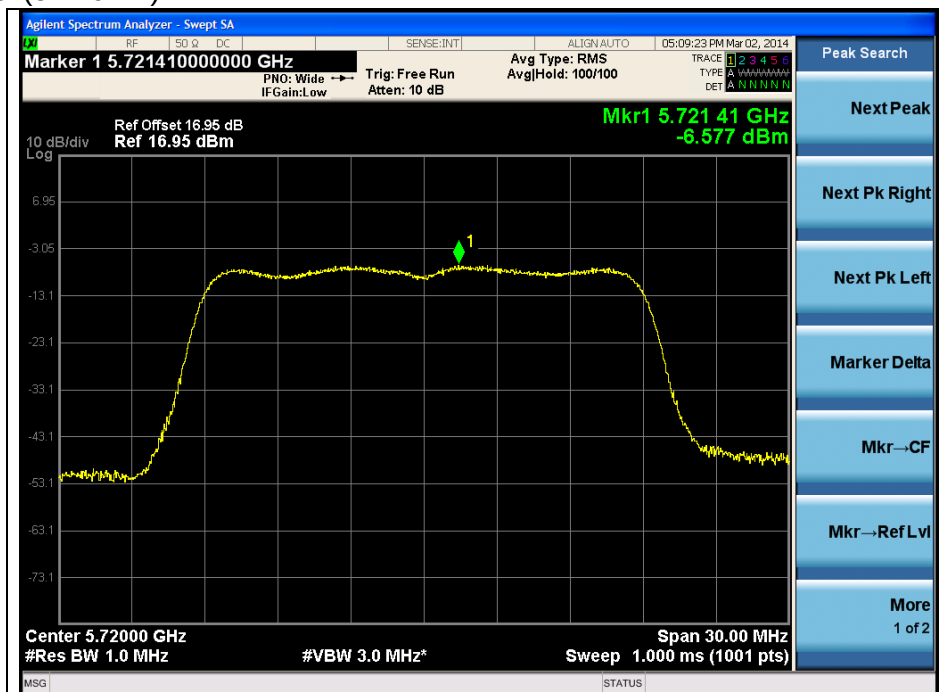


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Middle 2 Channel (5 700 MHz)



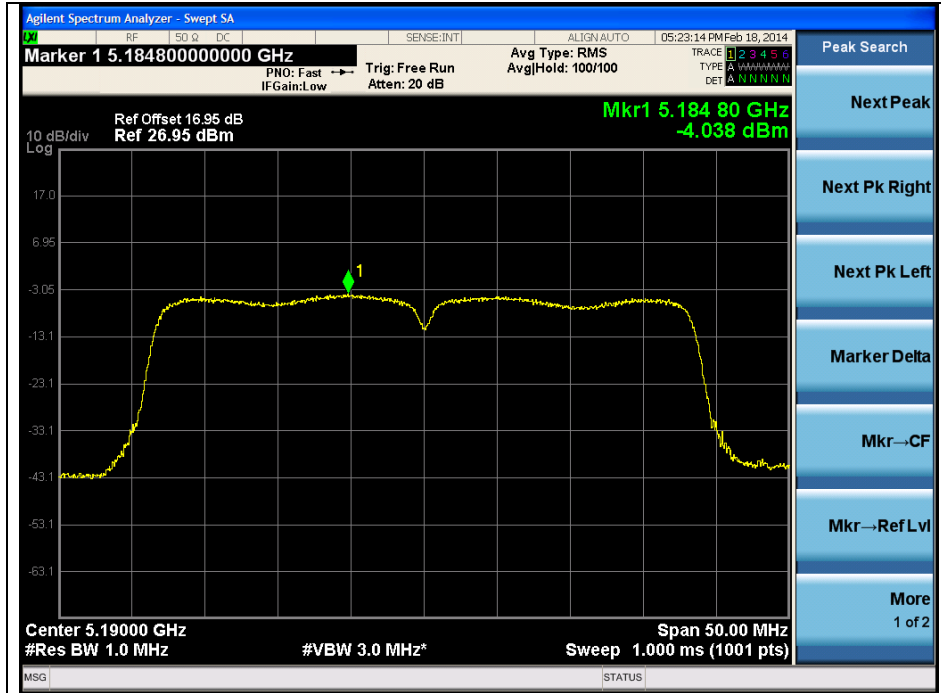
High Channel (5 720 MHz)



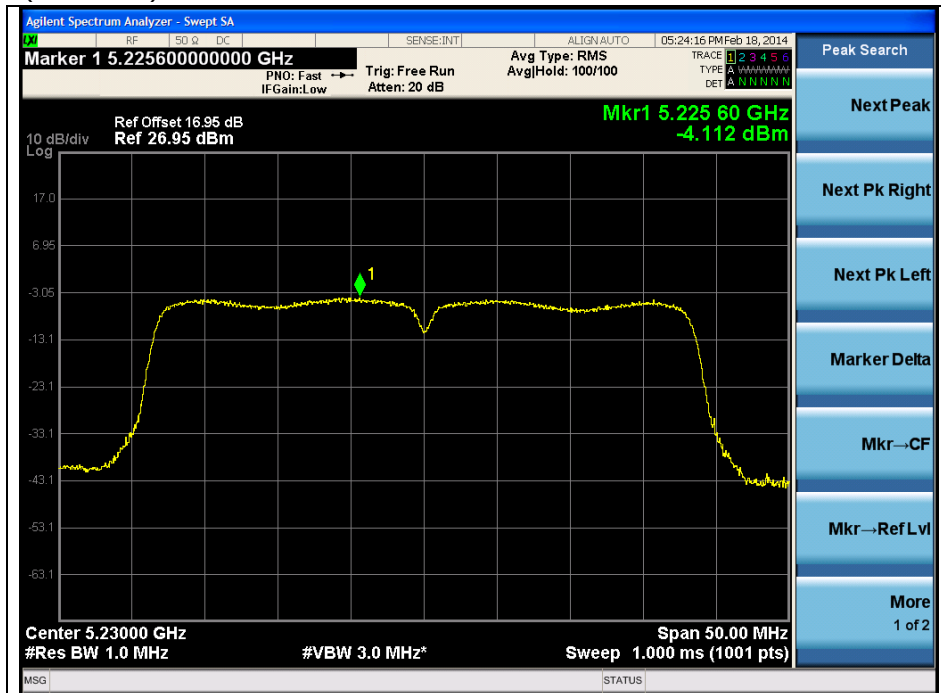
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802.11ac_VHT40 (MCS8)

Low Channel (5 190 MHz)

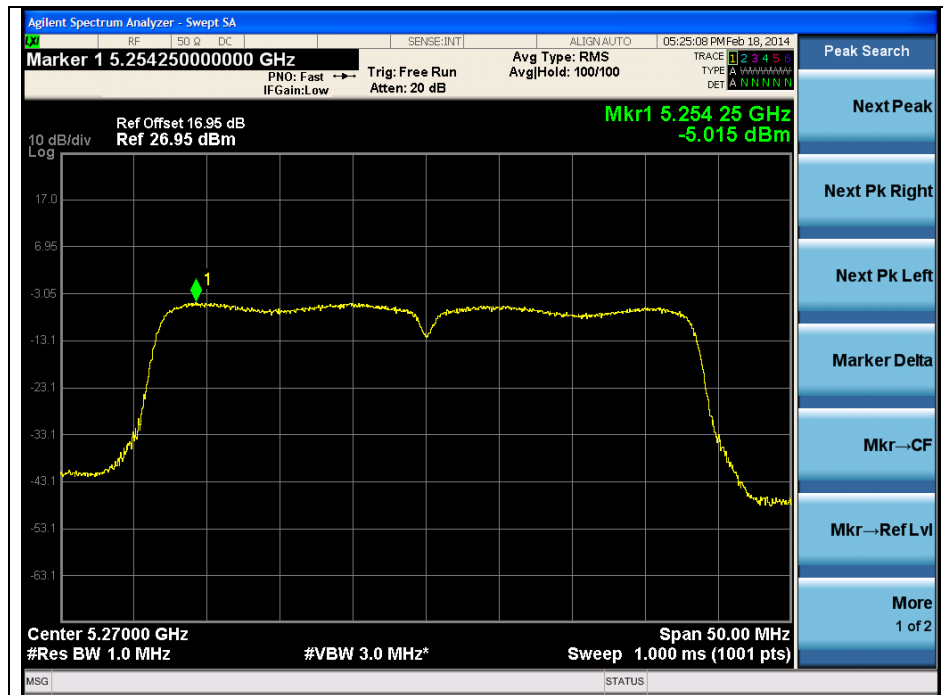


High Channel (5 230 MHz)

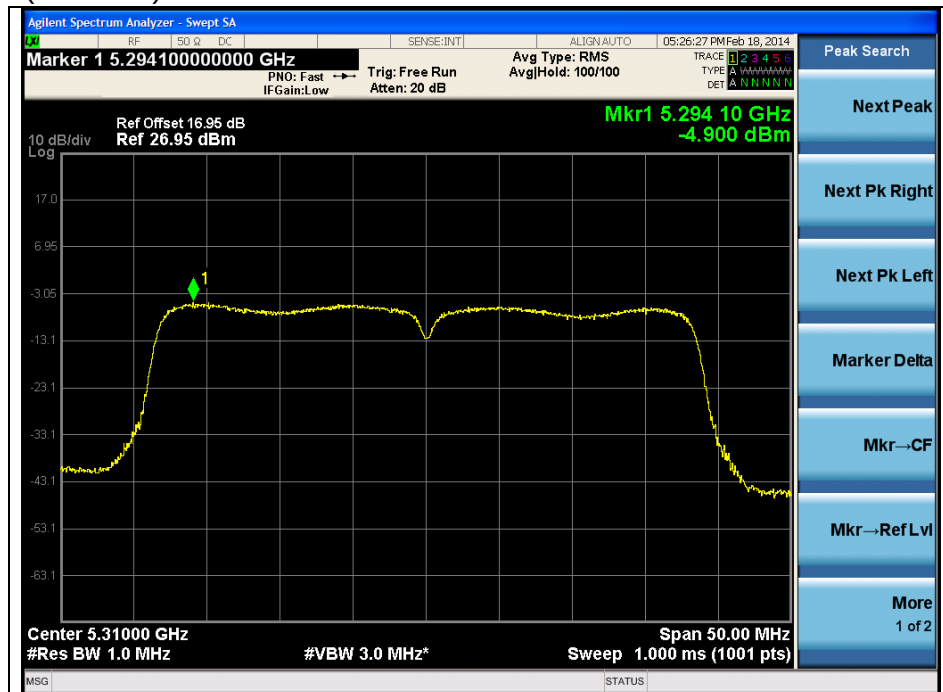


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Low Channel (5 270 MHz)

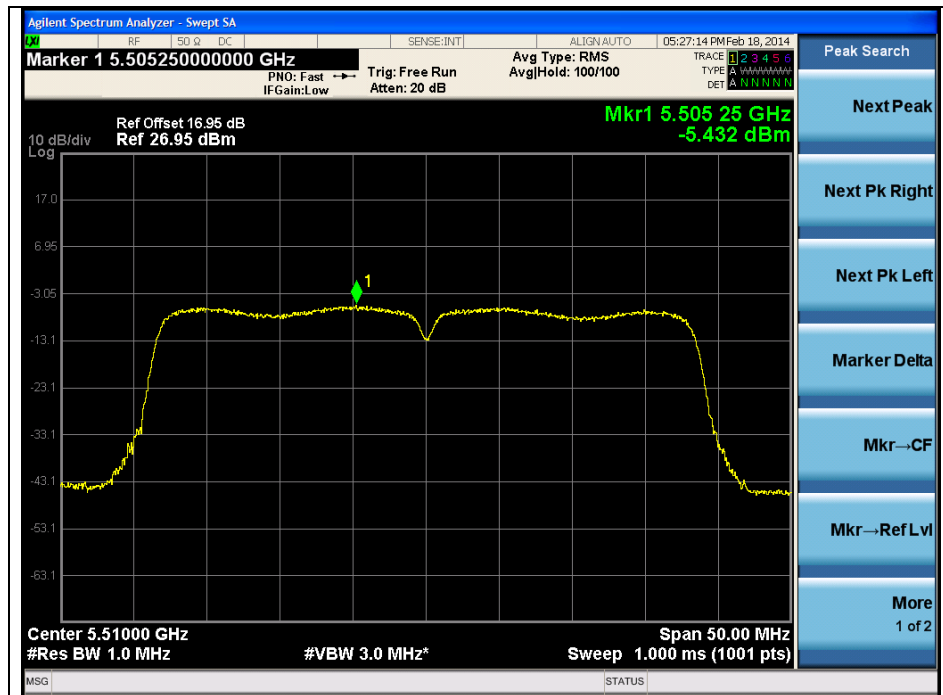


High Channel (5 310 MHz)

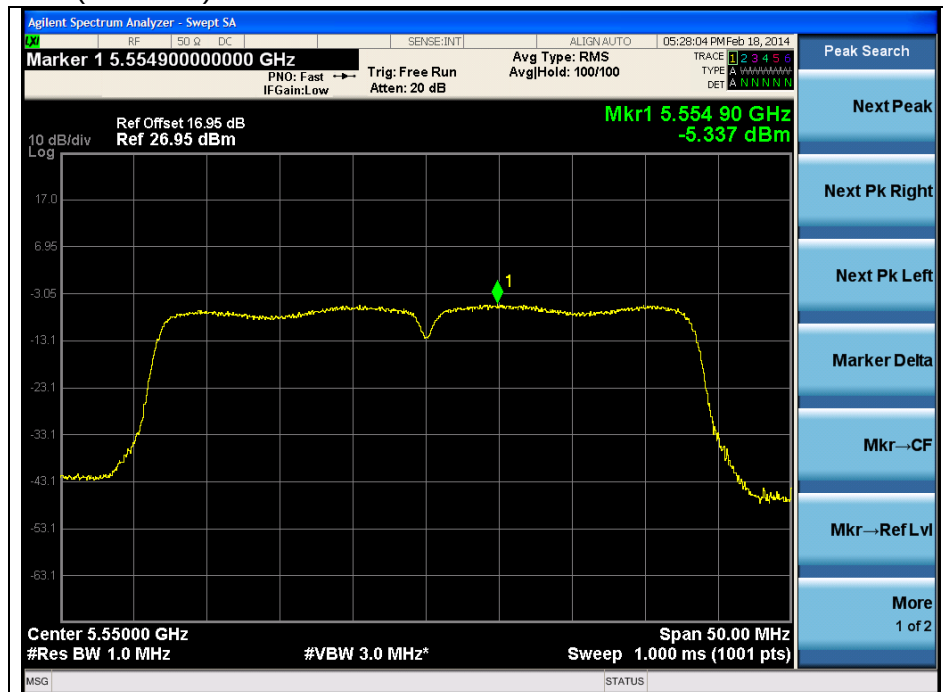


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Low Channel (5 510 MHz)

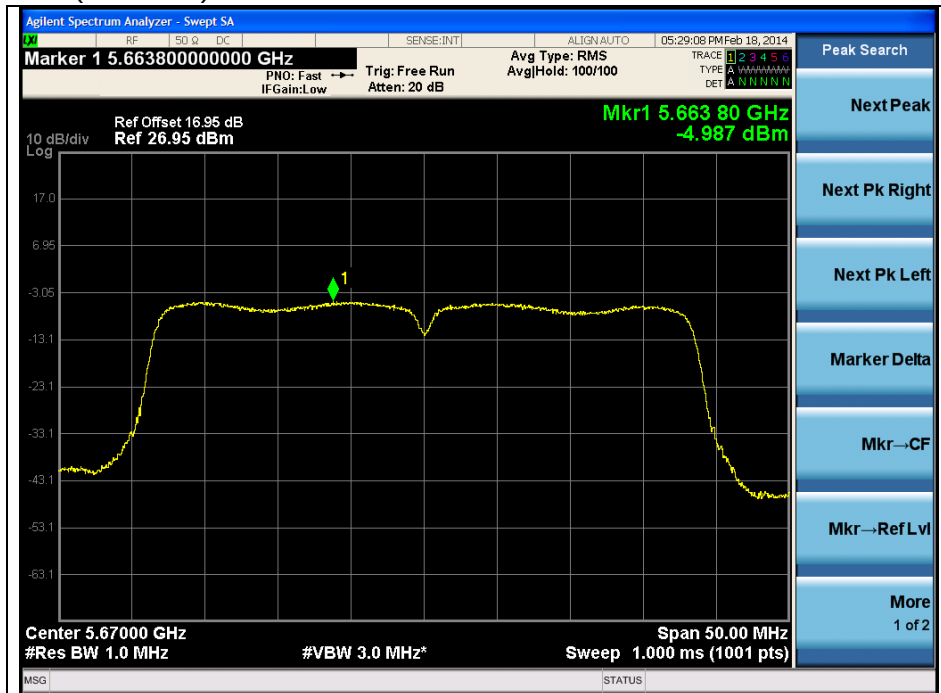


Middle 1 Channel (5 550 MHz)

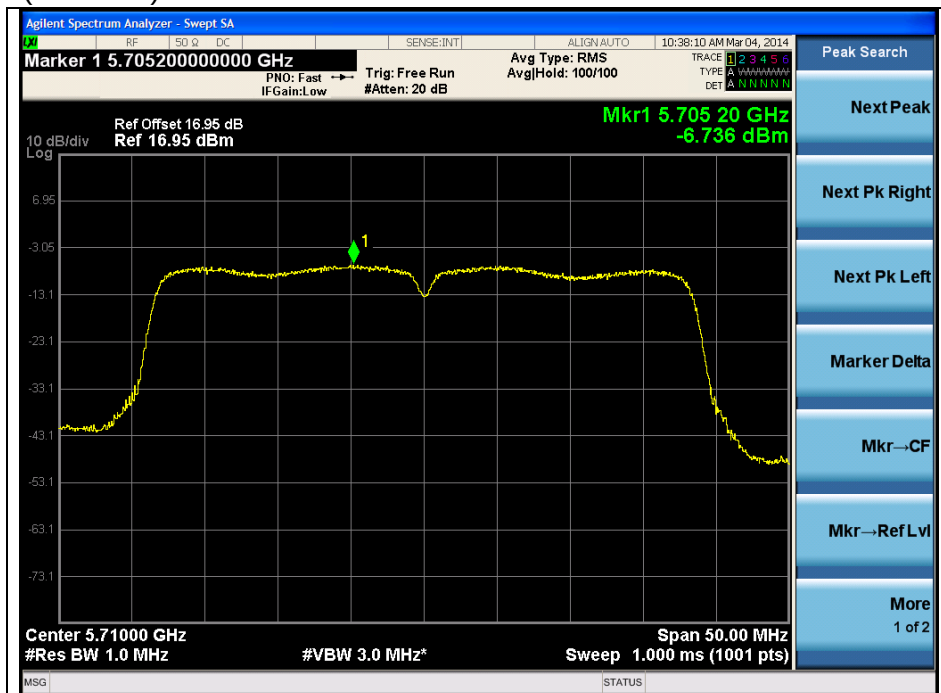


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Middle 2 Channel (5 670 MHz)



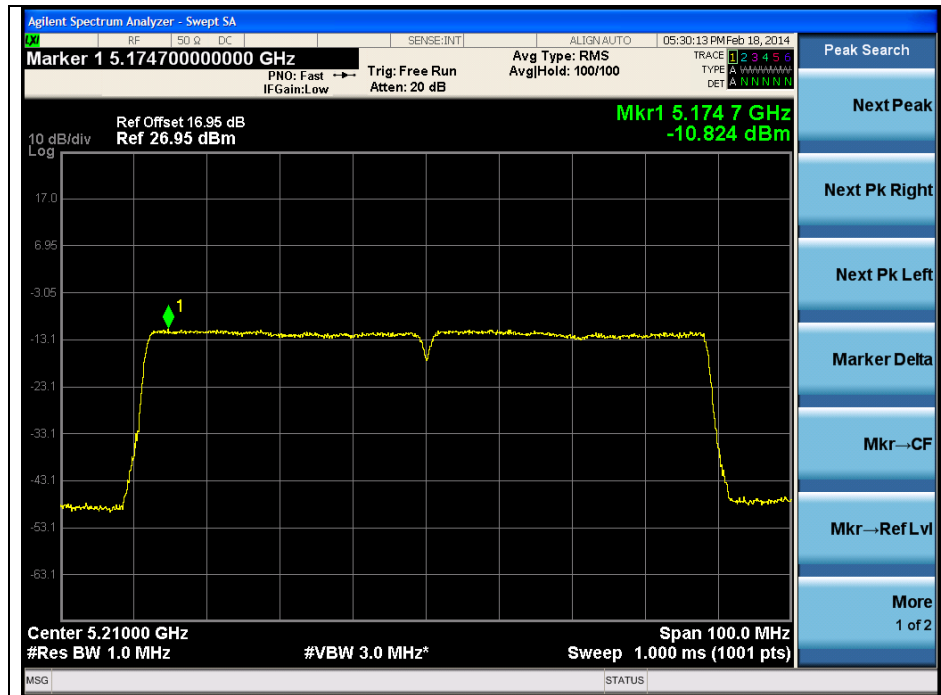
High Channel (5 710 MHz)



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802.11ac_VHT80 (Non-DFS)

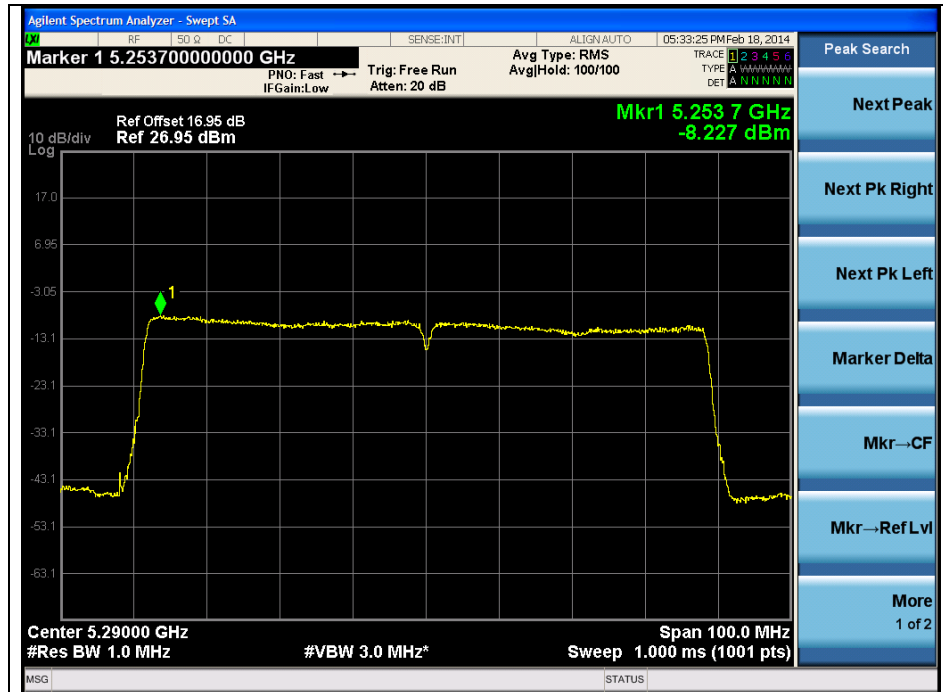
Low Channel (5 210 MHz)



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802.11ac_VHT80 (DFS)

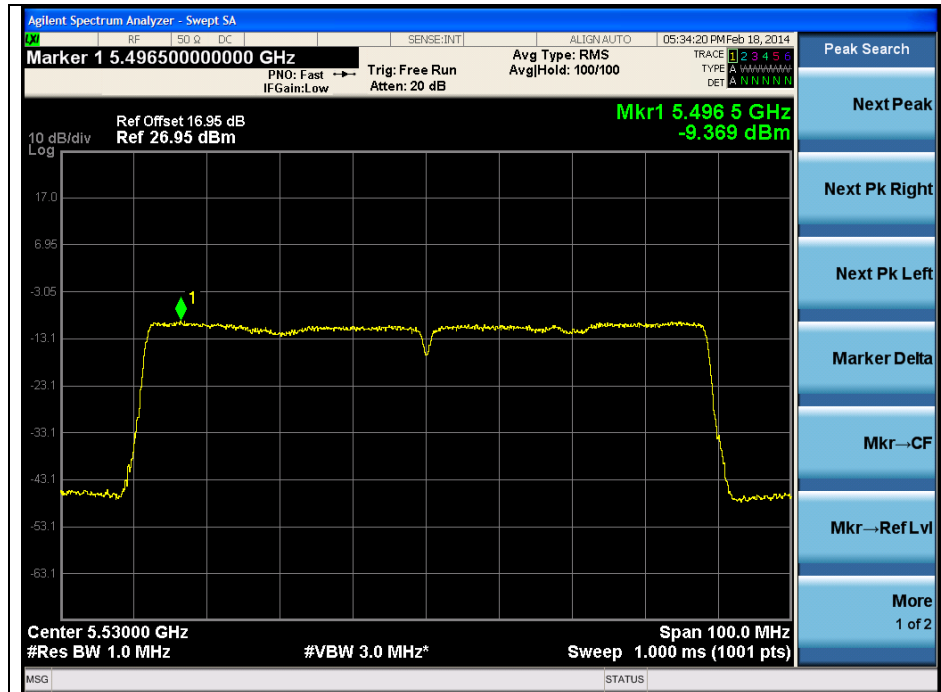
Low Channel (5 290 MHz)



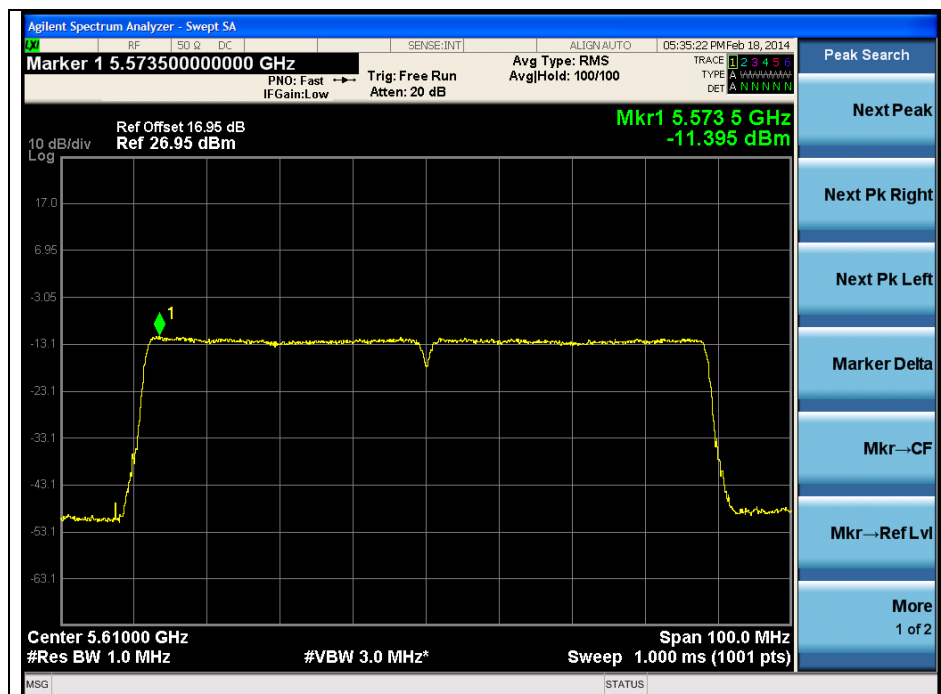
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802.11ac_VHT80 (DFS)

Low Channel (5 530 MHz)

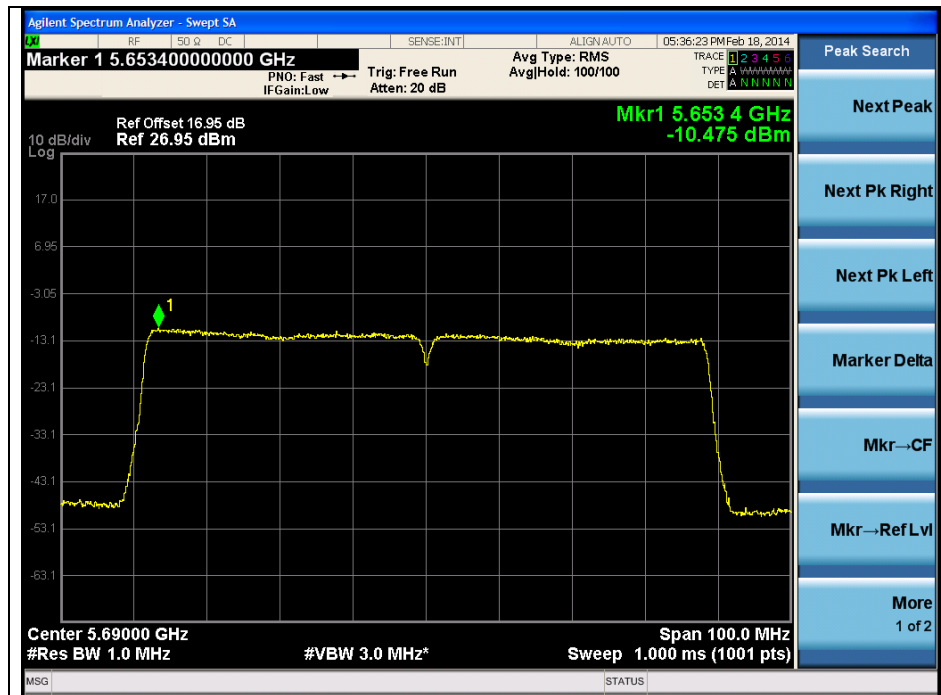


Middle Channel (5 610 MHz)



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High Channel (5 690 MHz)



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Ant 1

802.11a (6 Mbps)

Low Channel (5 180 MHz)



Middle Channel (5 220 MHz)



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High Channel (5 240 MHz)



Low Channel (5 260 MHz)



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Middle Channel (5 300 MHz)



High Channel (5 320 MHz)



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Low Channel (5 500 MHz)



Middle Channel (5 580 MHz)



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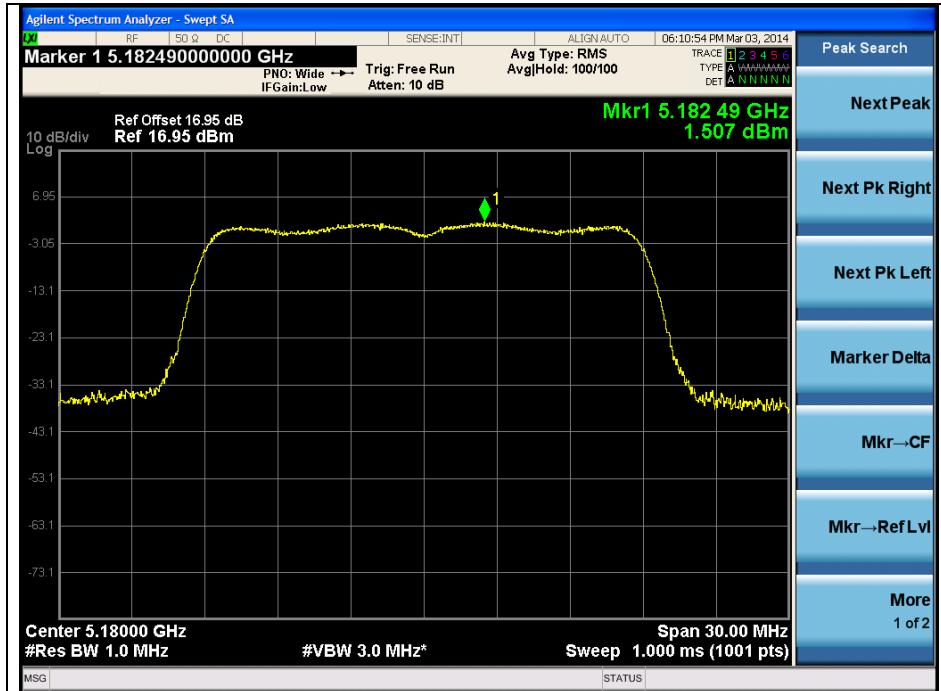
High Channel (5 700 MHz)



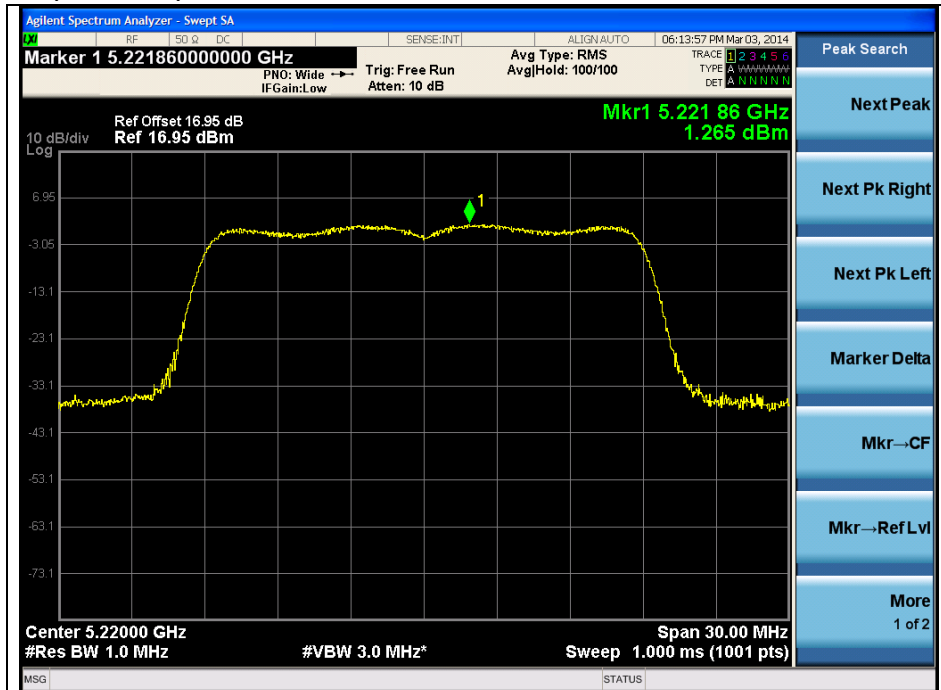
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802.11n_HT20 (MCS8)

Low Channel (5 180 MHz)

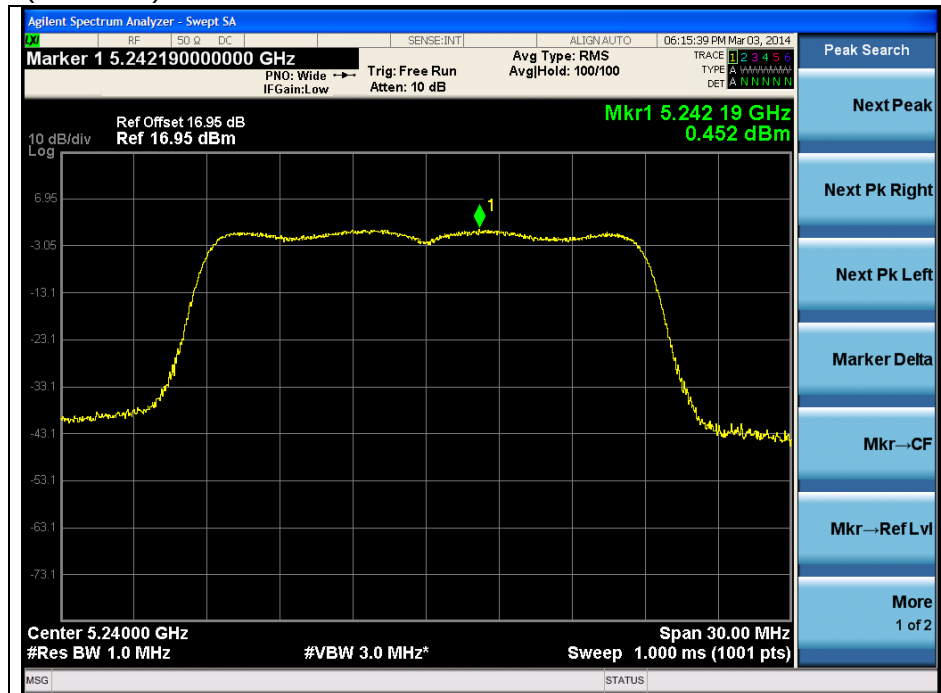


Middle Channel (5 220 MHz)

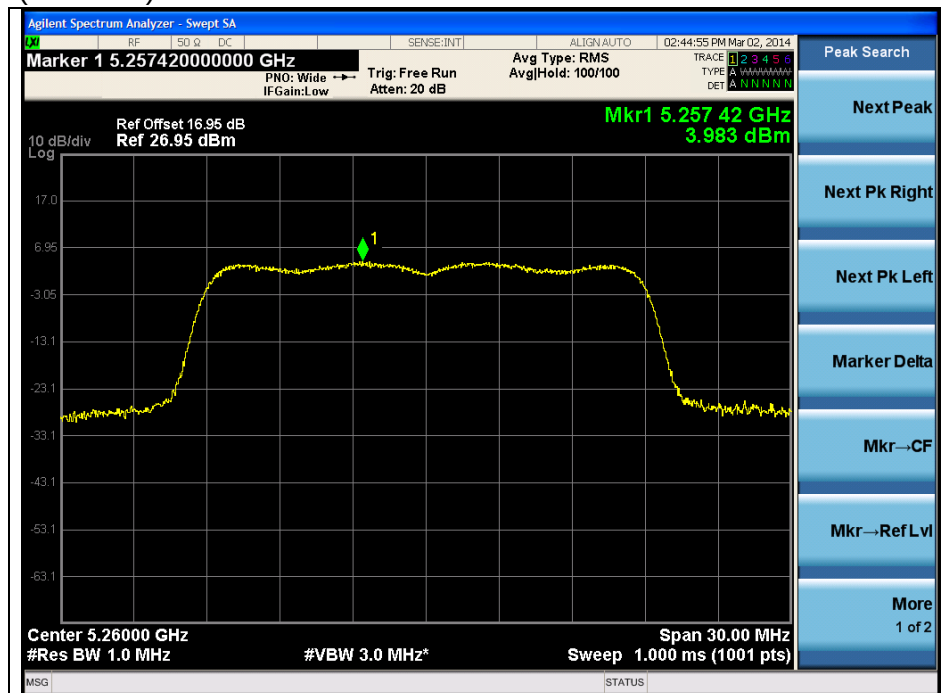


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High Channel (5 240 MHz)

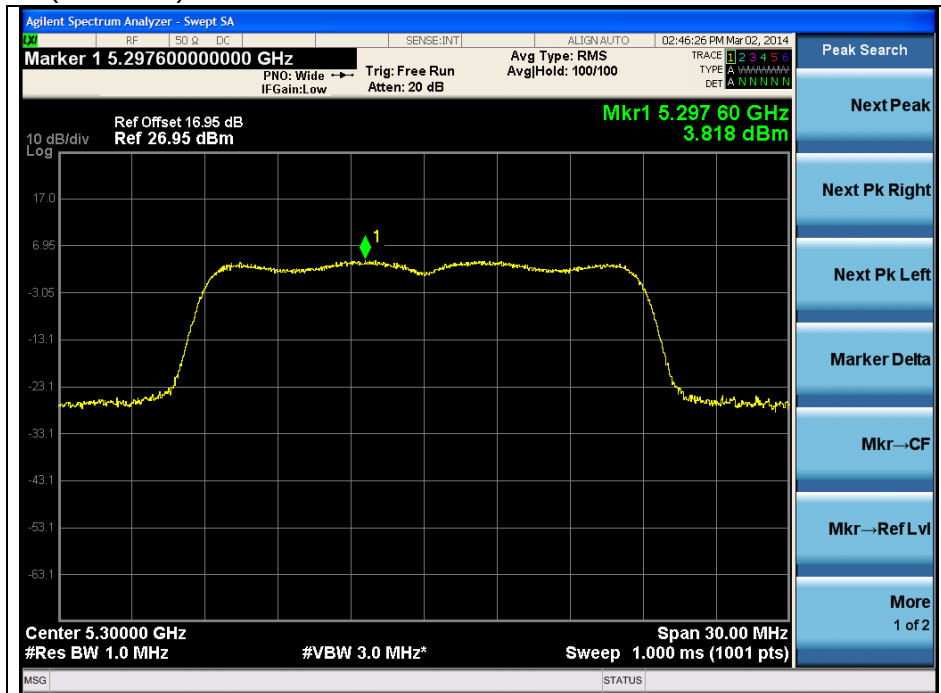


Low Channel (5 260 MHz)

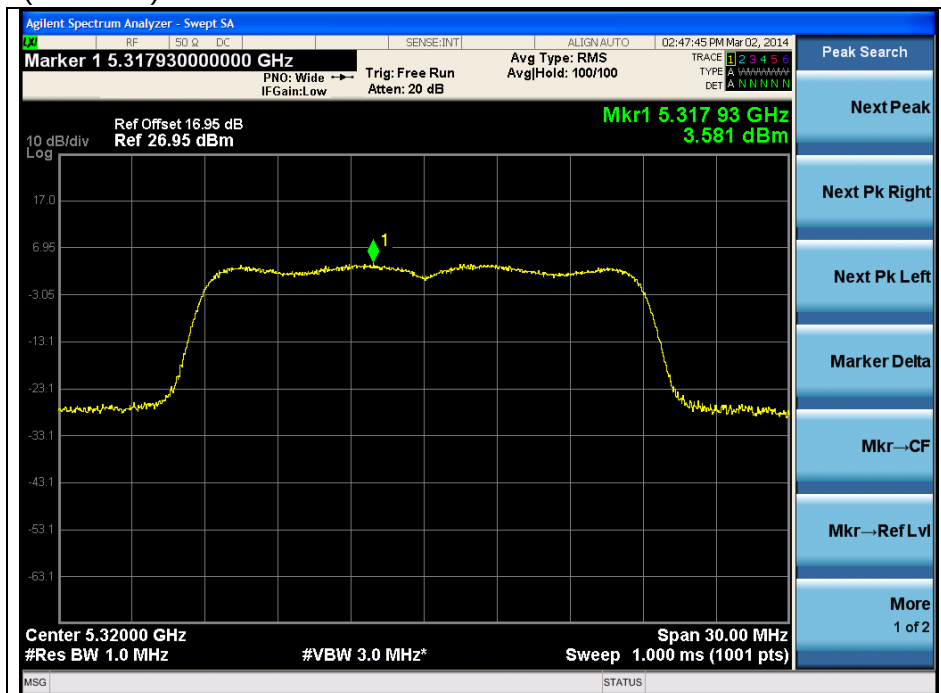


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Middle Channel (5 300 MHz)

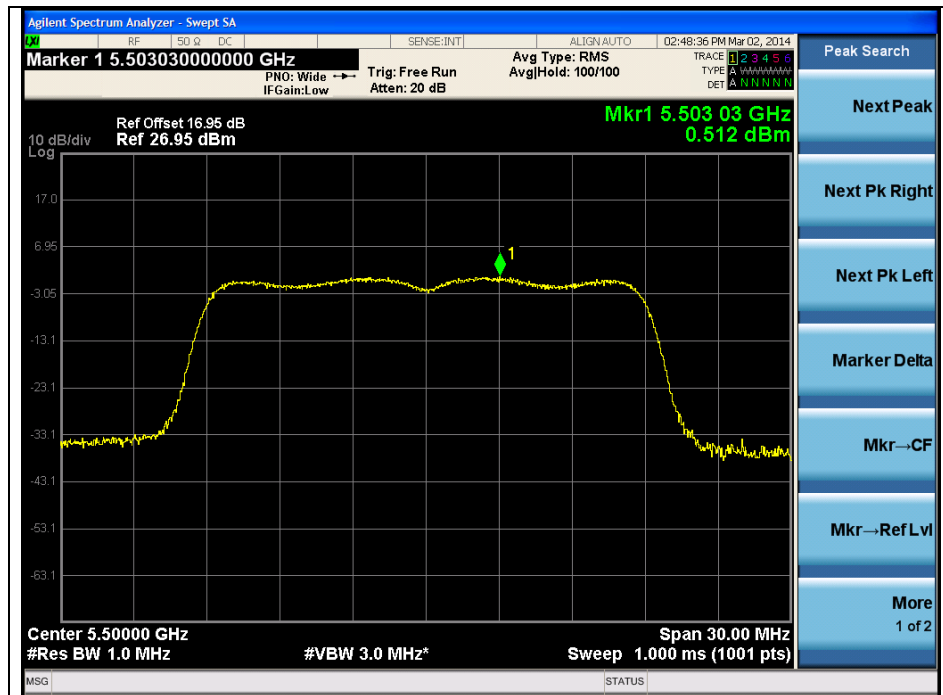


High Channel (5 320 MHz)

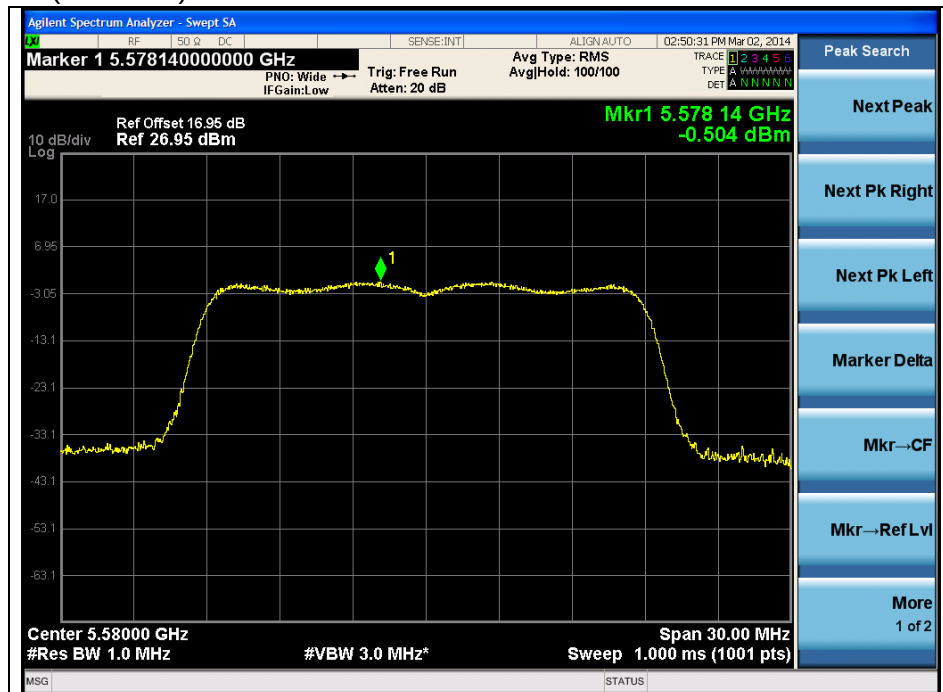


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Low Channel (5 500 MHz)

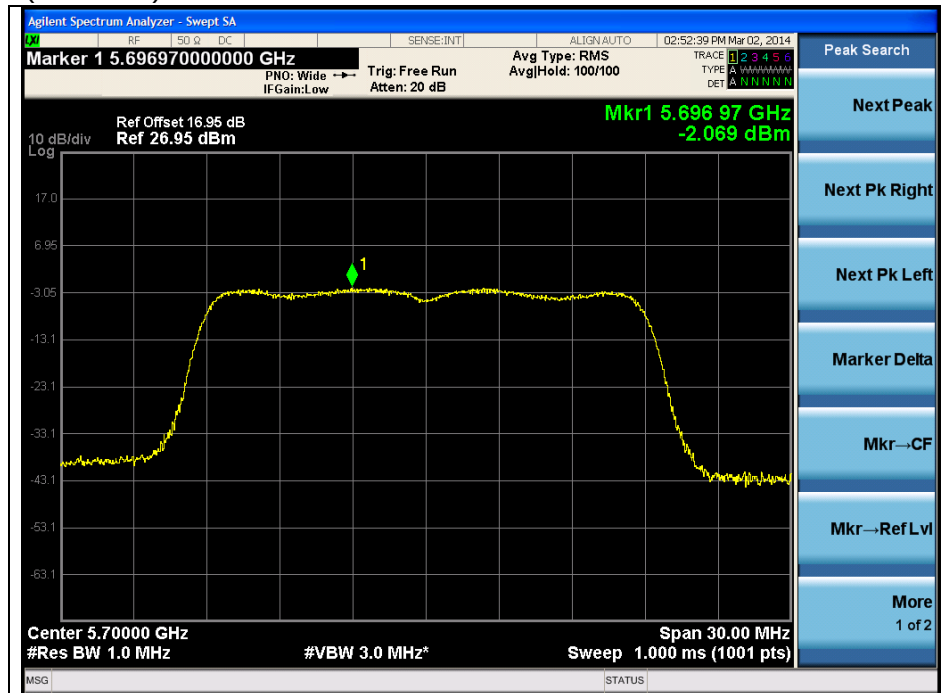


Middle Channel (5 580 MHz)



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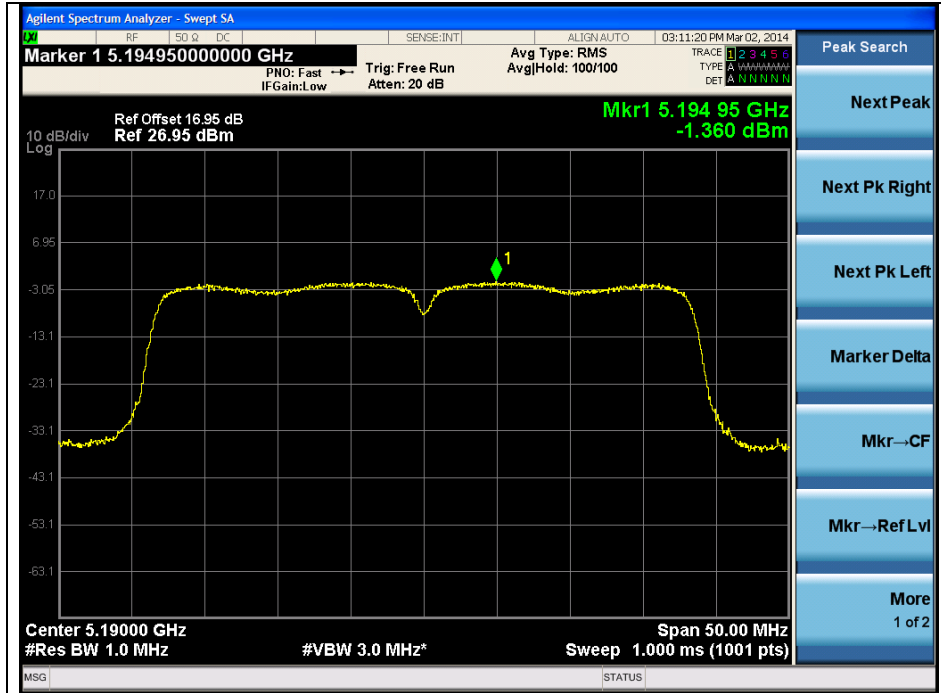
High Channel (5 700 MHz)



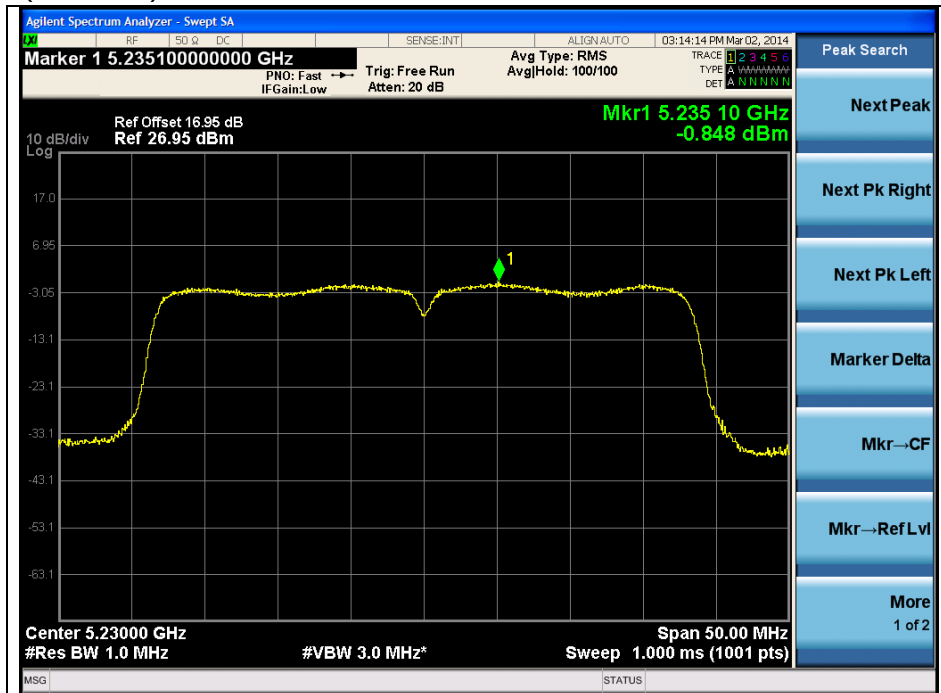
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802.11n_HT40 (MCS8)

Low Channel (5 190 MHz)

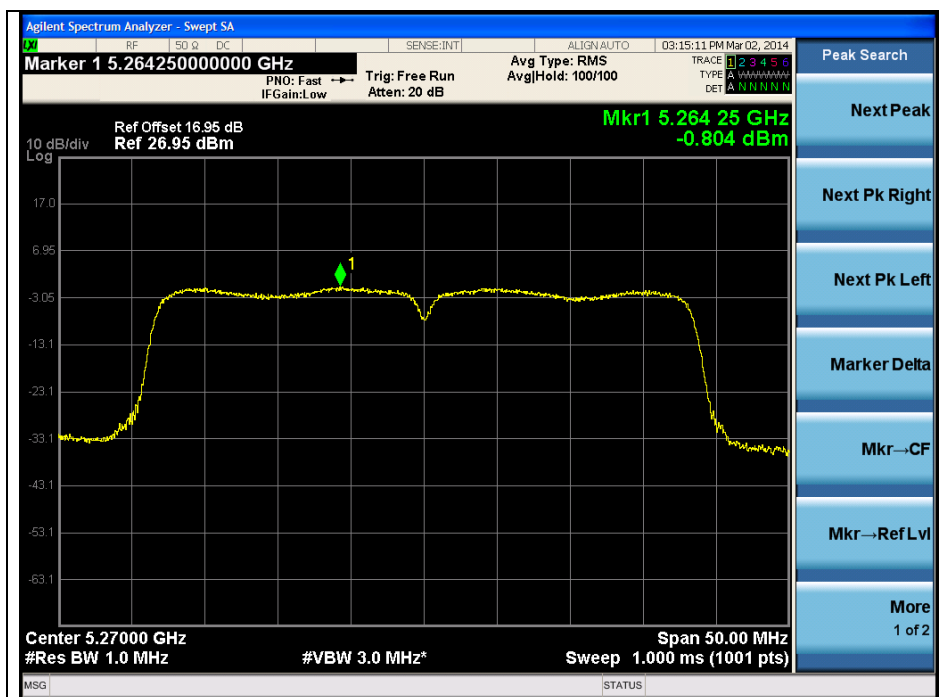


High Channel (5 230 MHz)

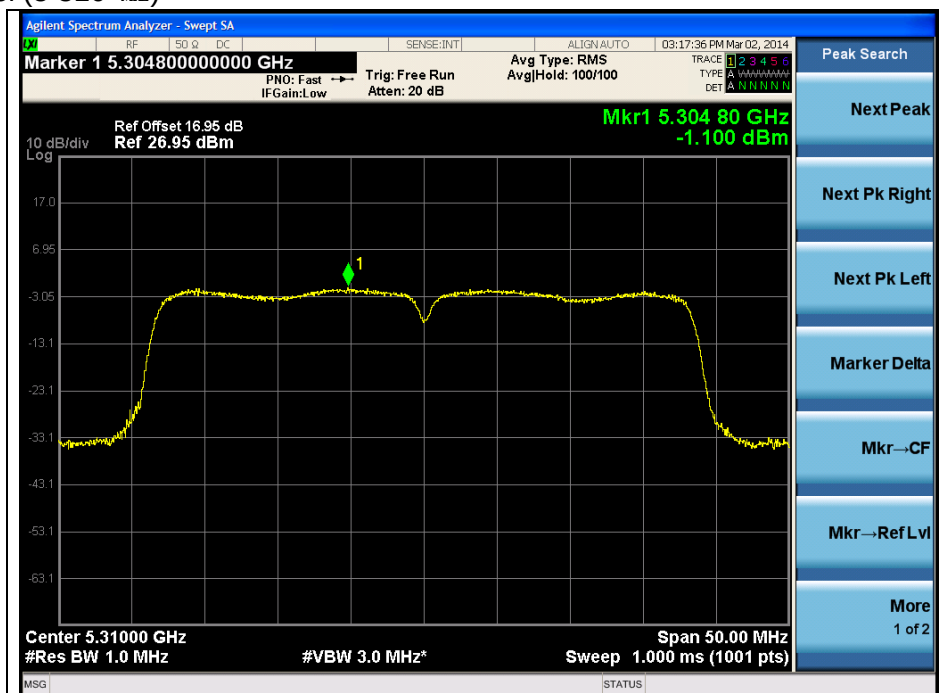


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Low Channel (5 270 MHz)

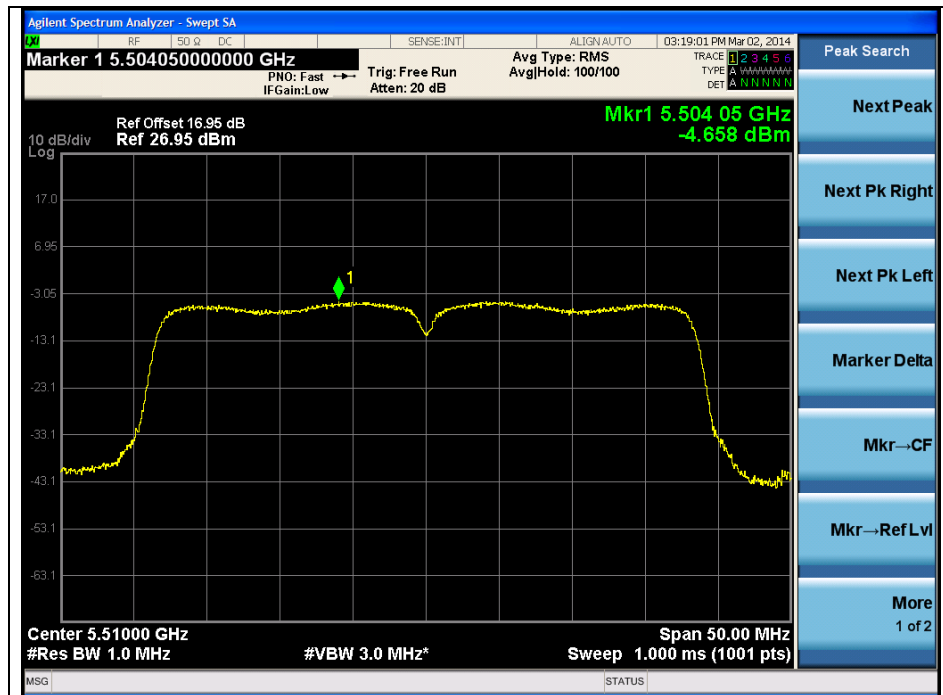


High Channel (5 310 MHz)

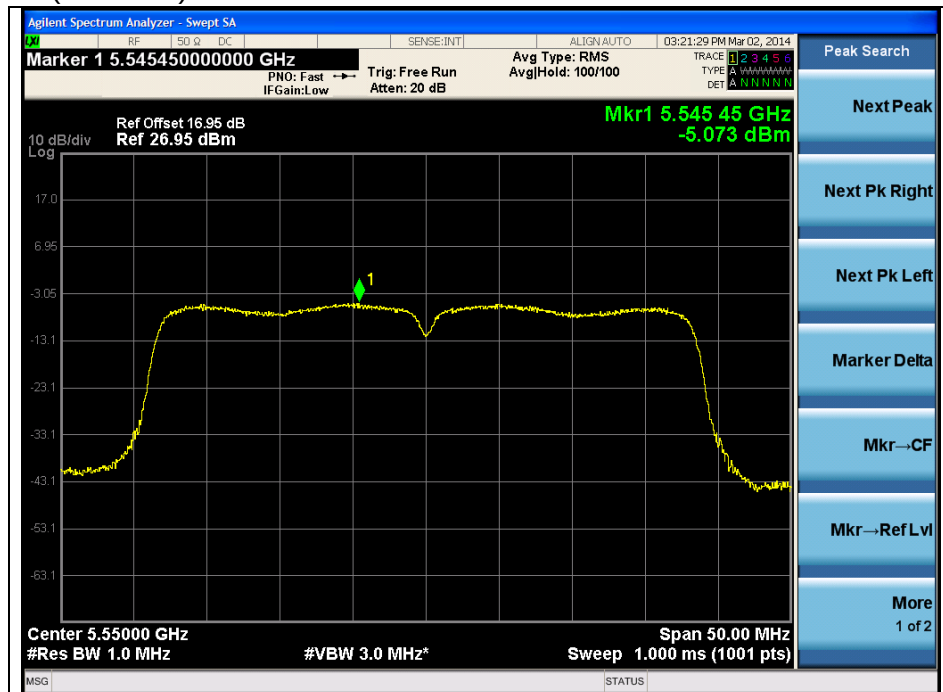


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Low Channel (5 510 MHz)

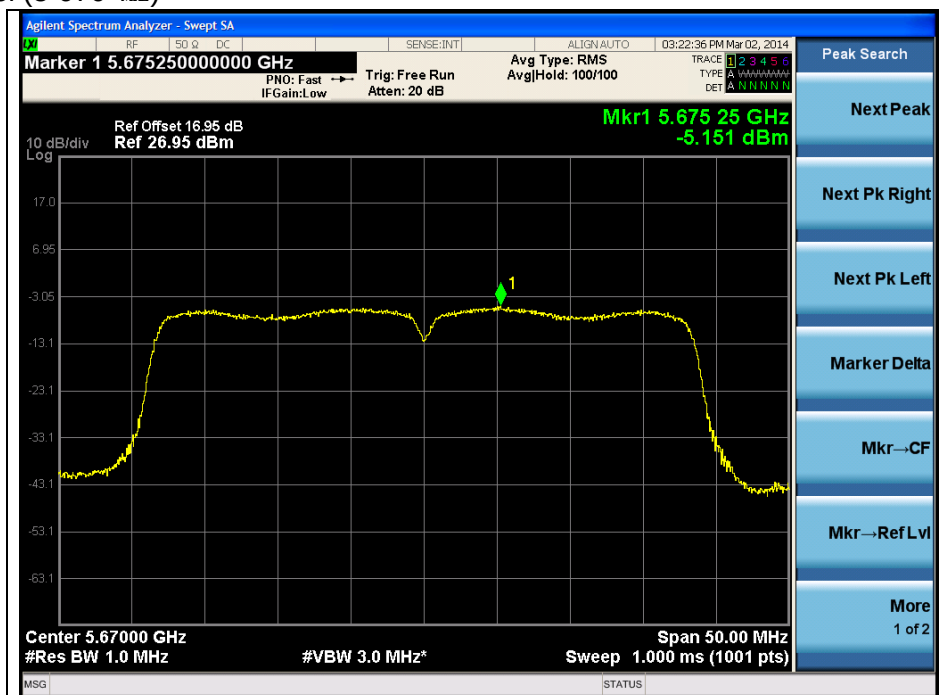


Middle Channel (5 550 MHz)



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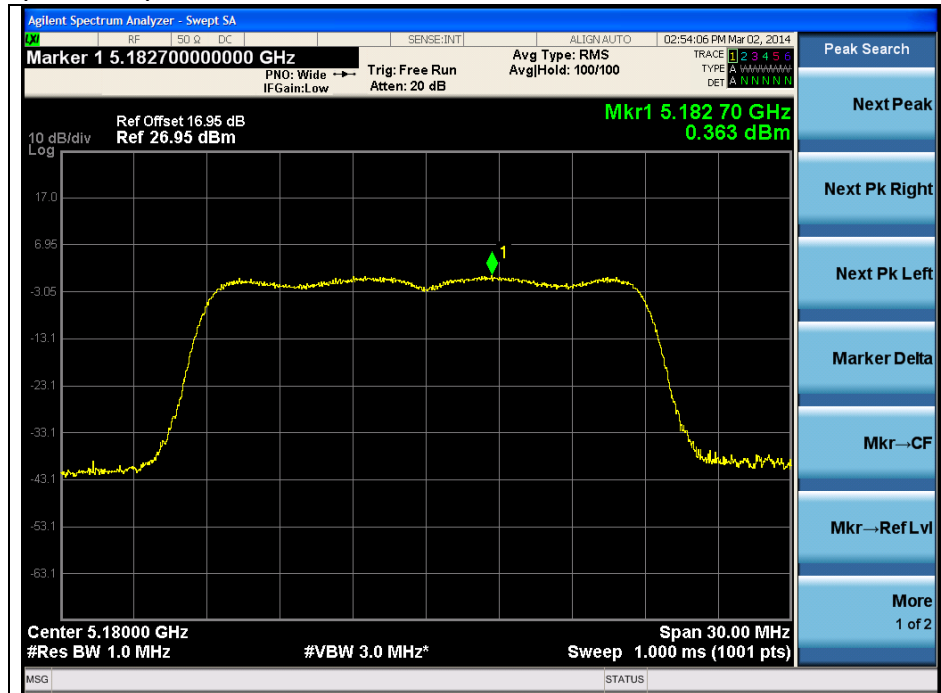
High Channel (5 670 MHz)



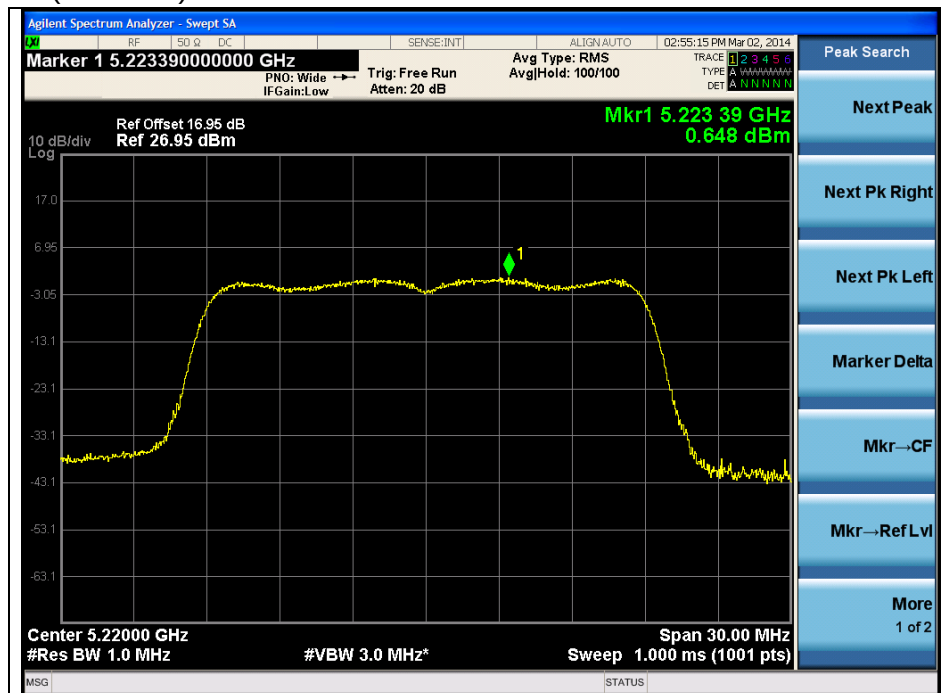
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802.11ac_VHT20 (MCS0)

Low Channel (5 180 MHz)

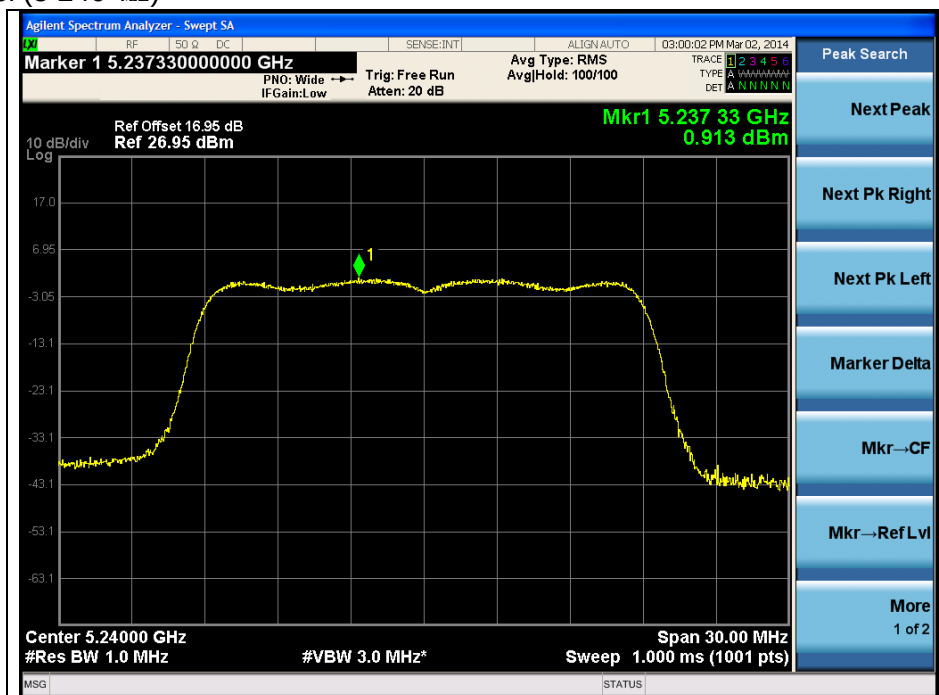


Middle Channel (5 220 MHz)

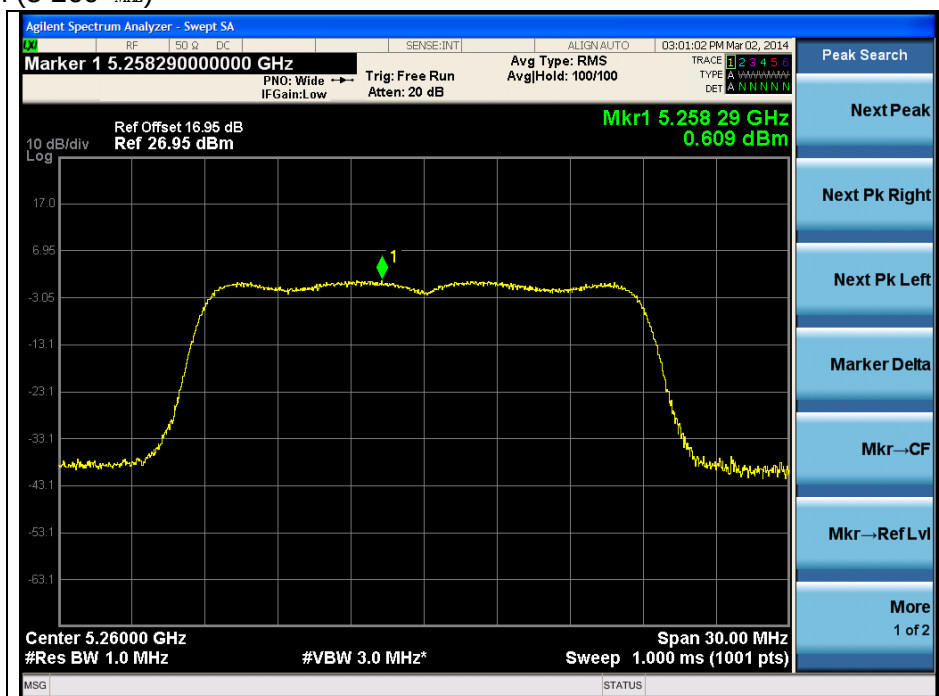


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High Channel (5 240 MHz)

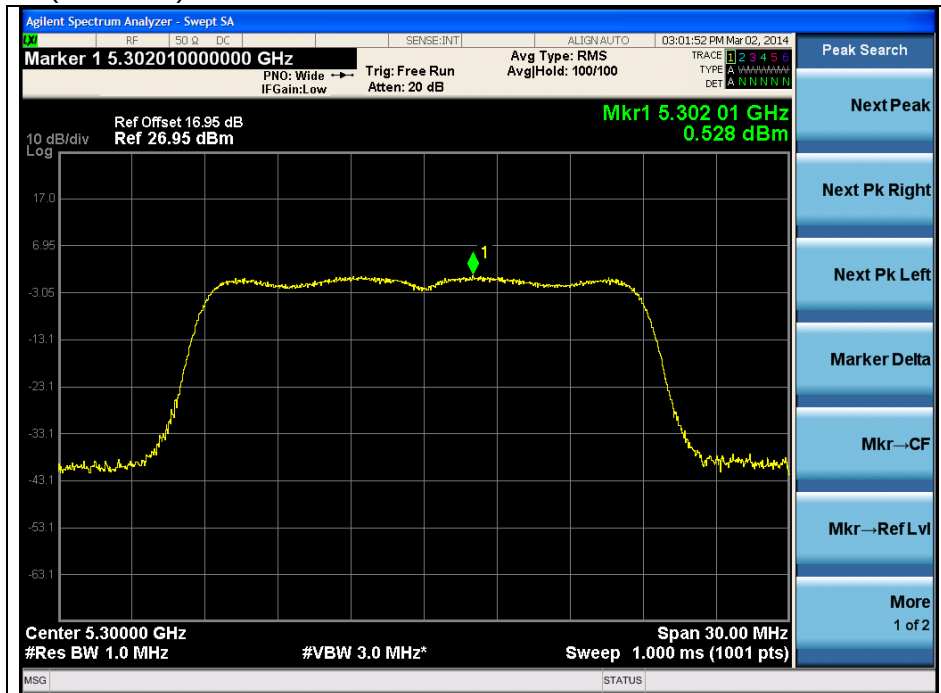


Low Channel (5 260 MHz)

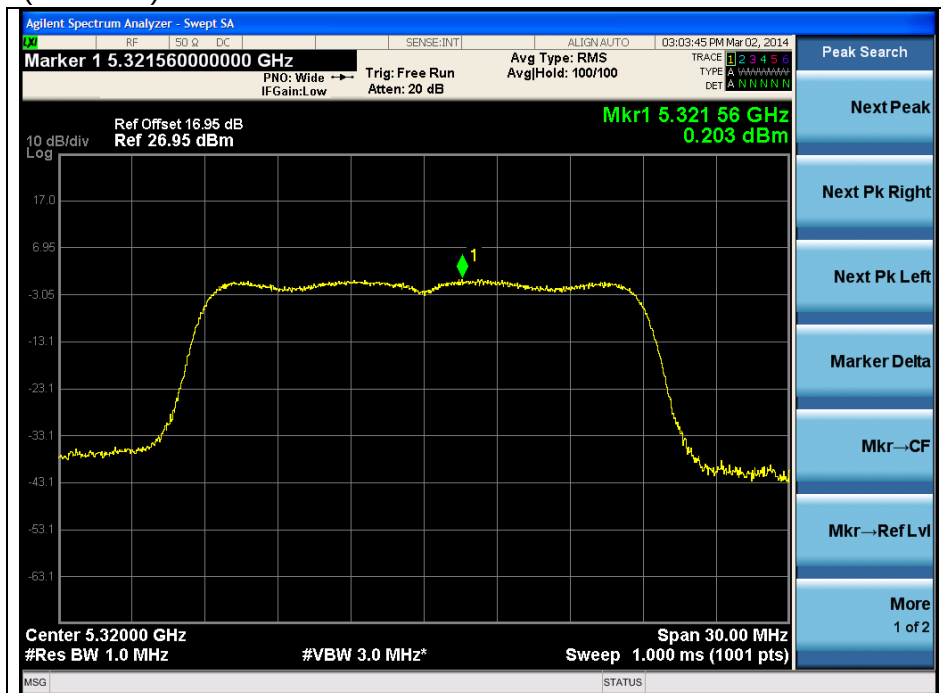


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Middle Channel (5 300 MHz)

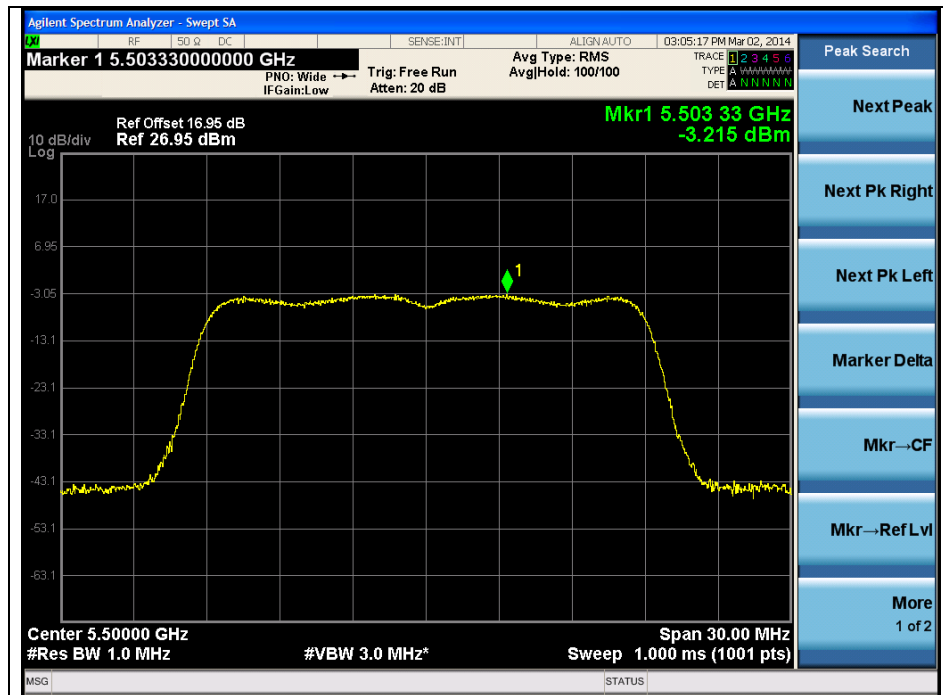


High Channel (5 320 MHz)

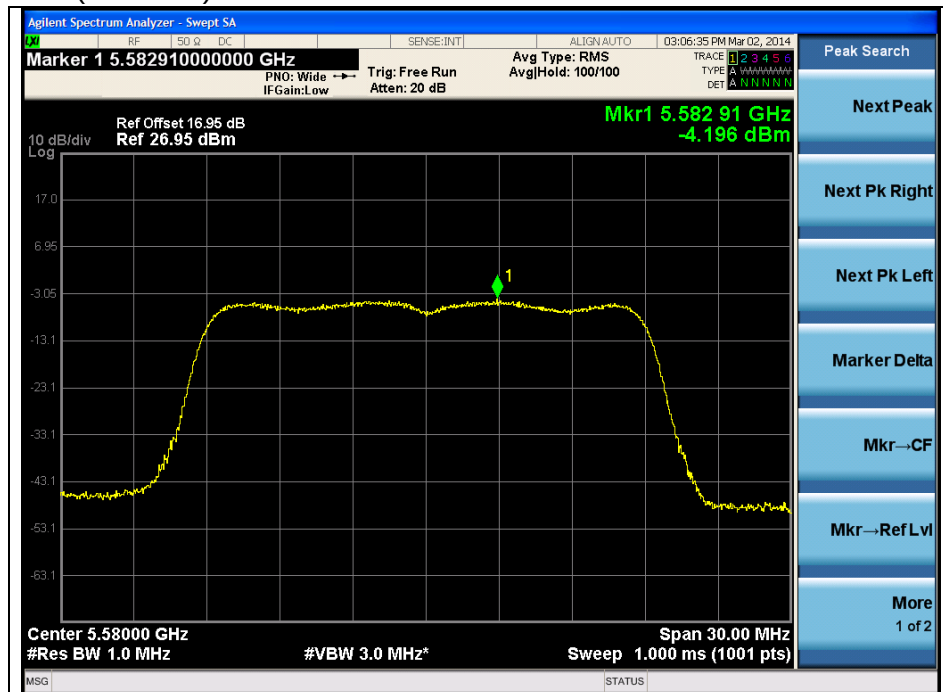


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Low Channel (5 500 MHz)

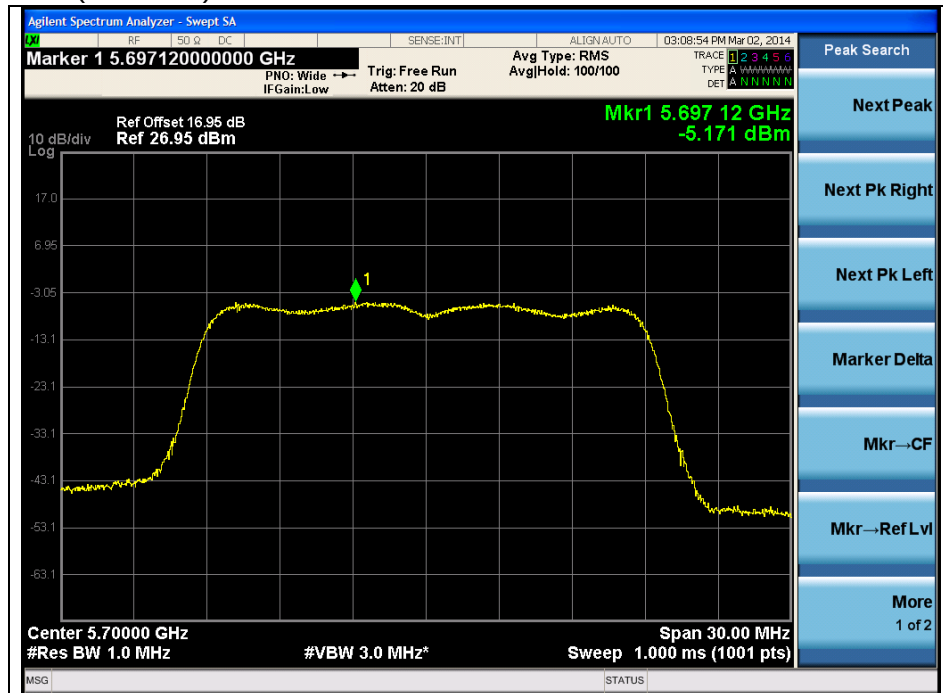


Middle 1 Channel (5 580 MHz)

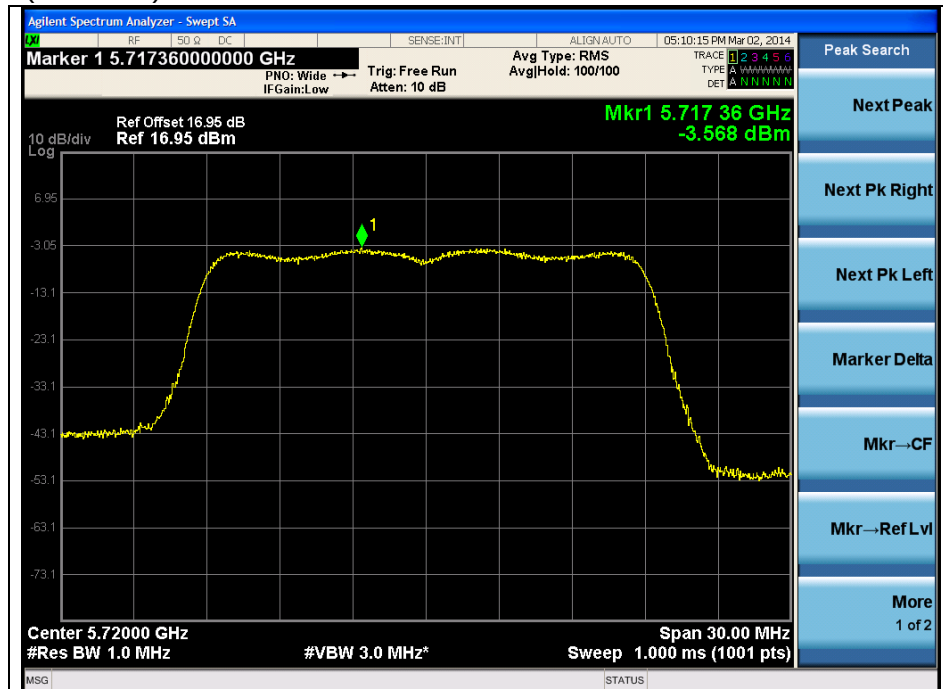


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Middle 2 Channel (5 700 MHz)



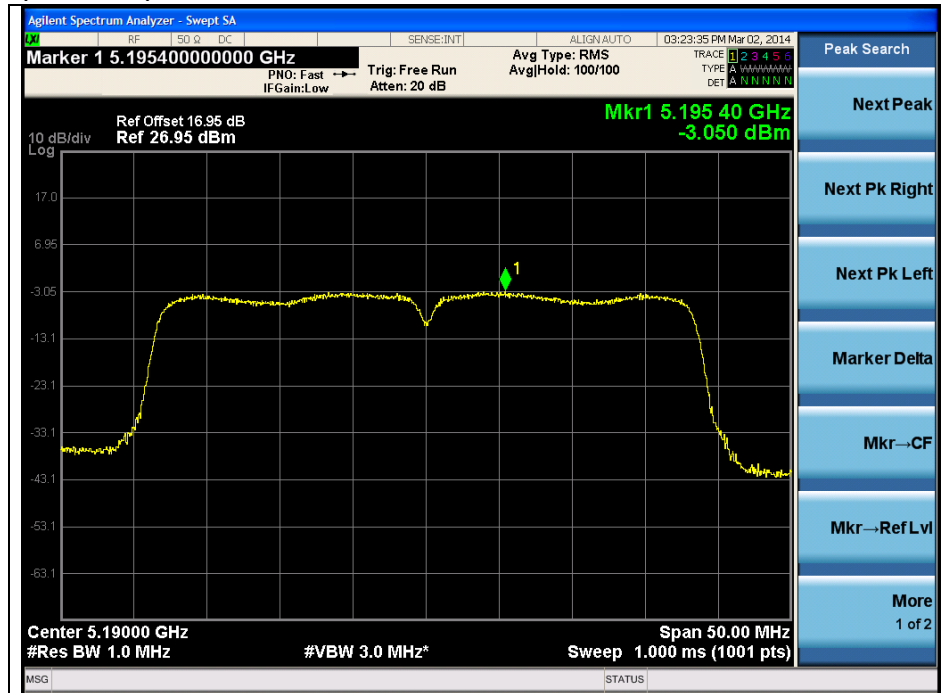
High Channel (5 720 MHz)



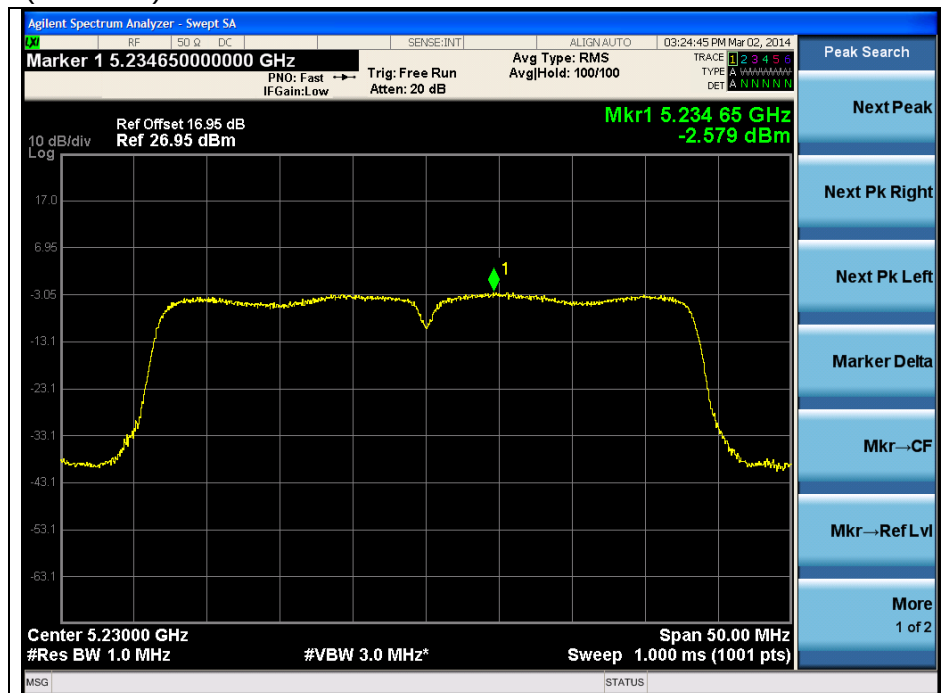
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802.11ac_VHT40 (MCS8)

Low Channel (5 190 MHz)

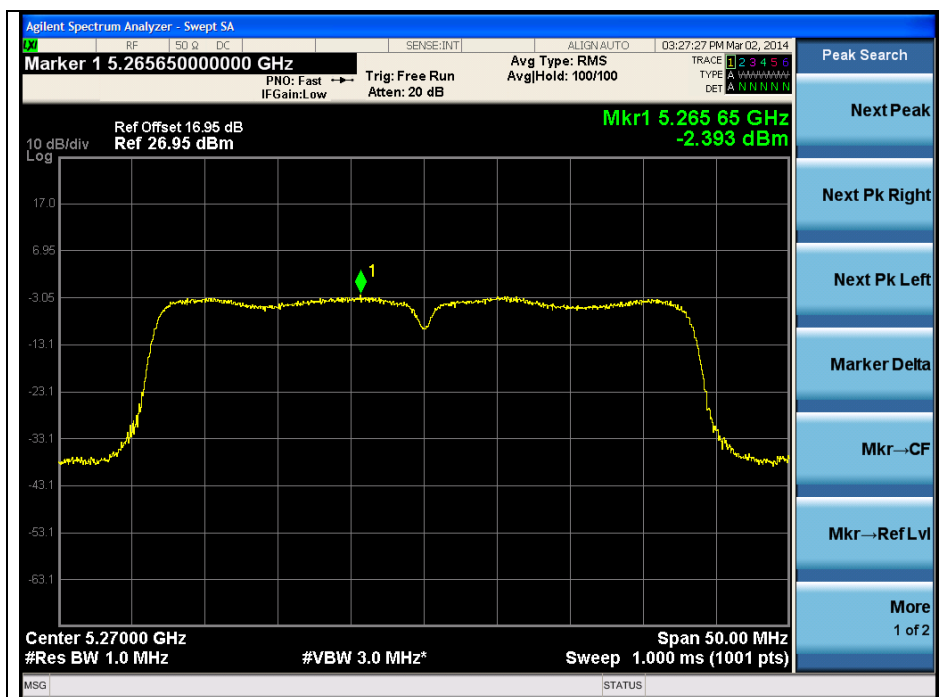


High Channel (5 230 MHz)

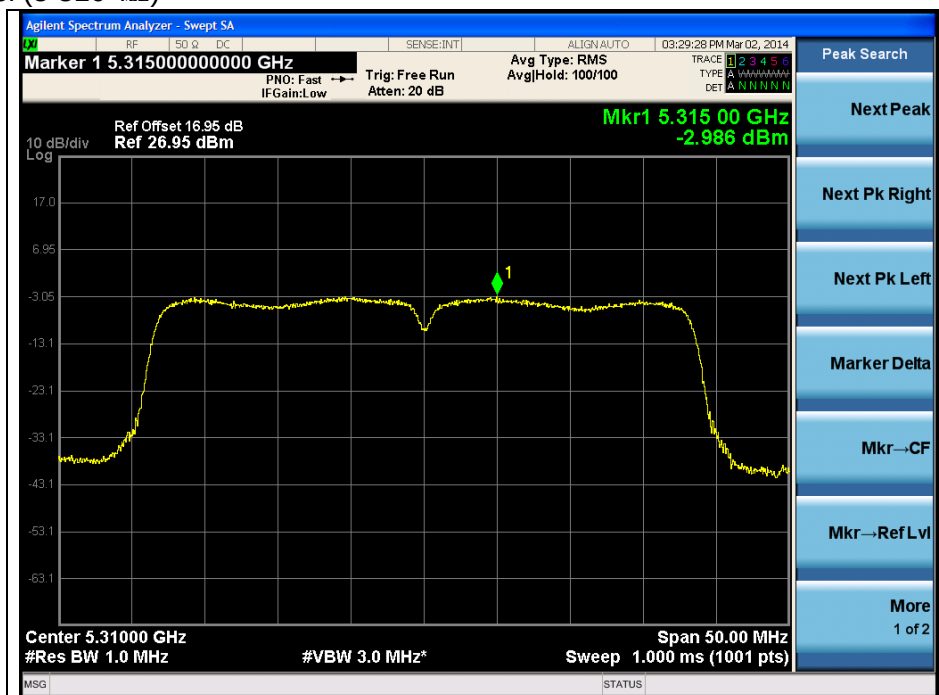


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Low Channel (5 270 MHz)

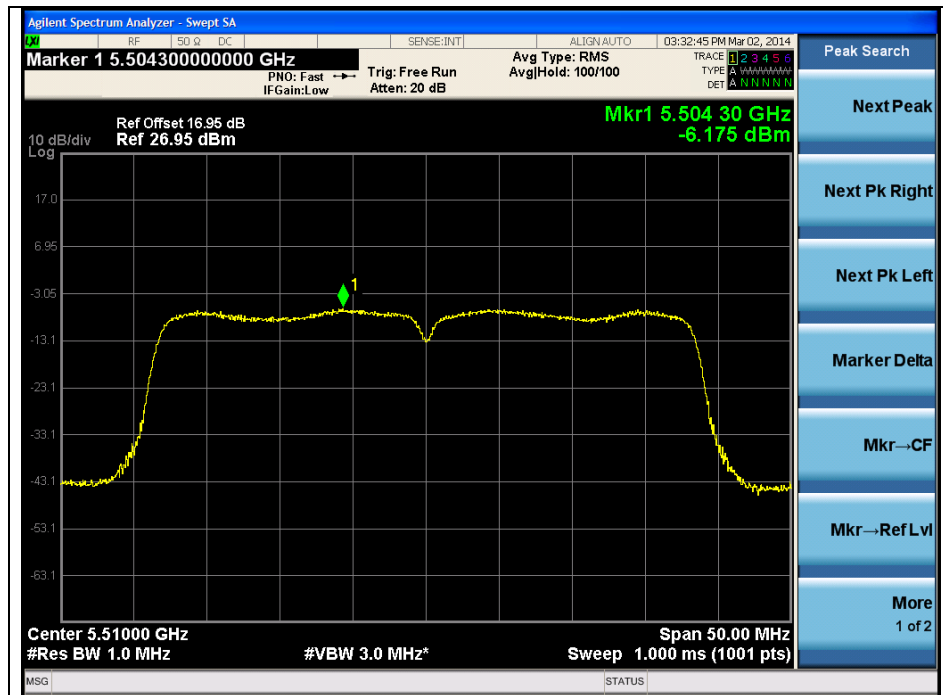


High Channel (5 310 MHz)

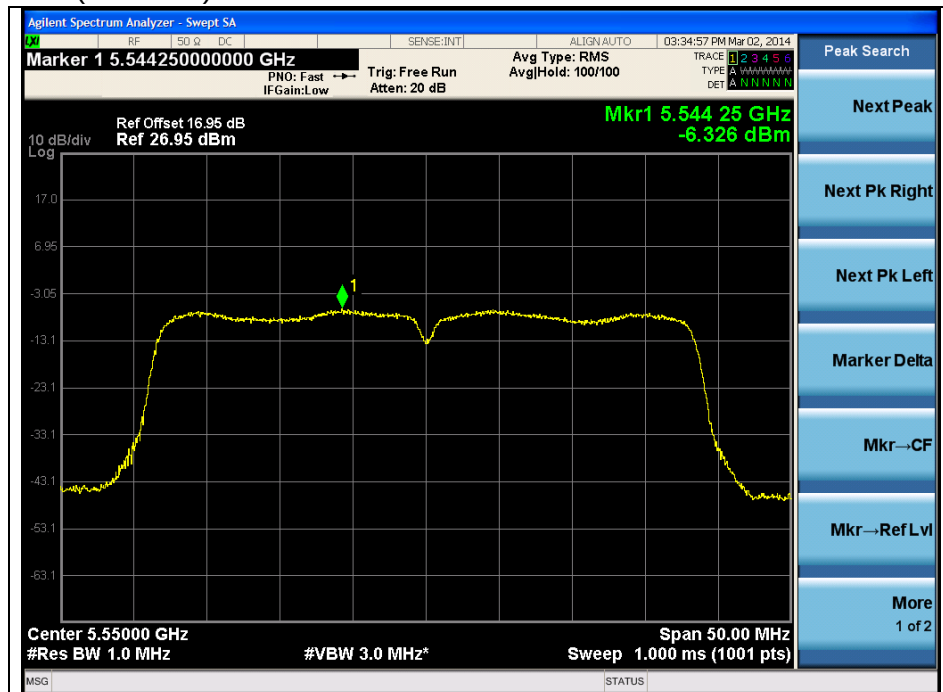


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Low Channel (5 510 MHz)

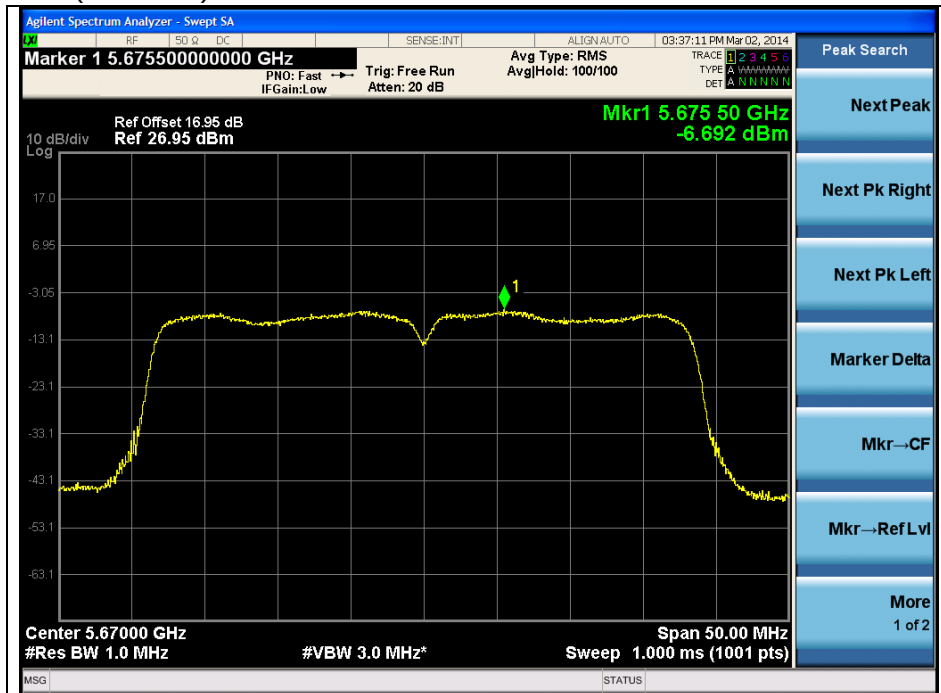


Middle 1 Channel (5 550 MHz)

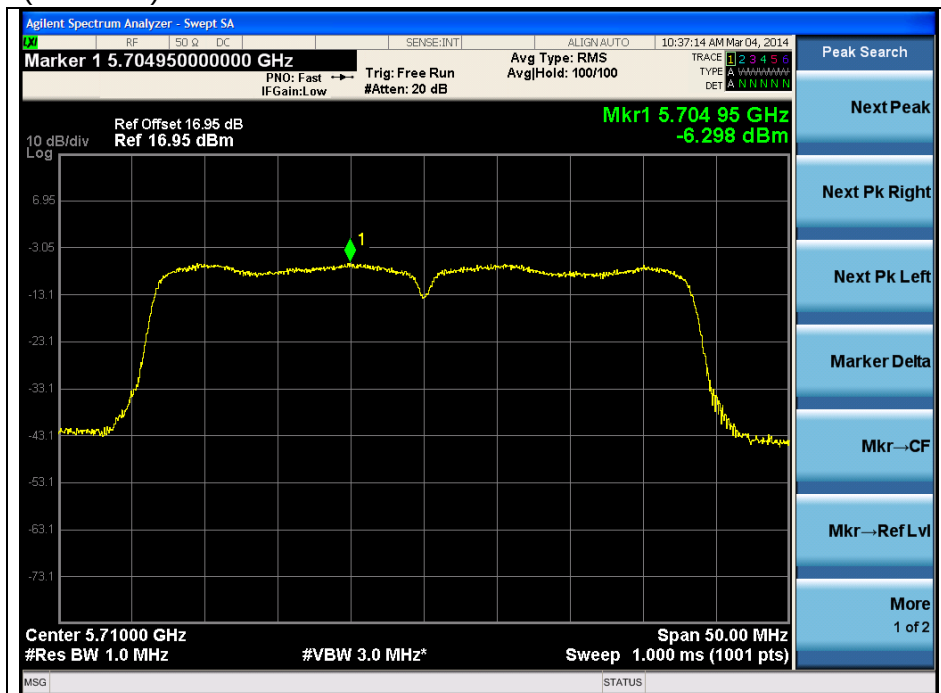


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Middle 2 Channel (5 670 MHz)



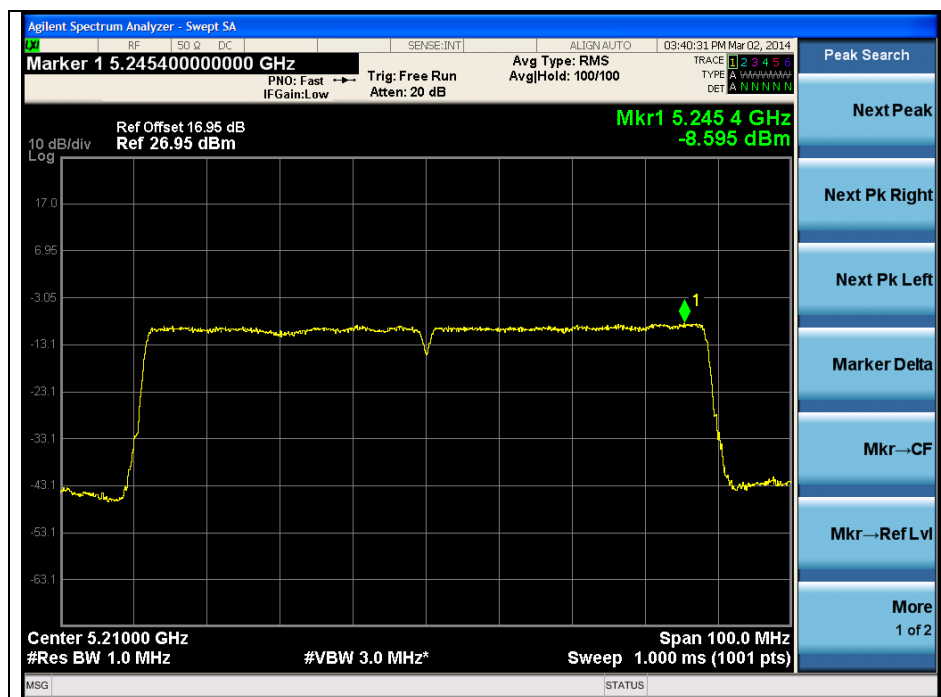
High Channel (5 710 MHz)



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802.11ac_VHT80 (Non-DFS)

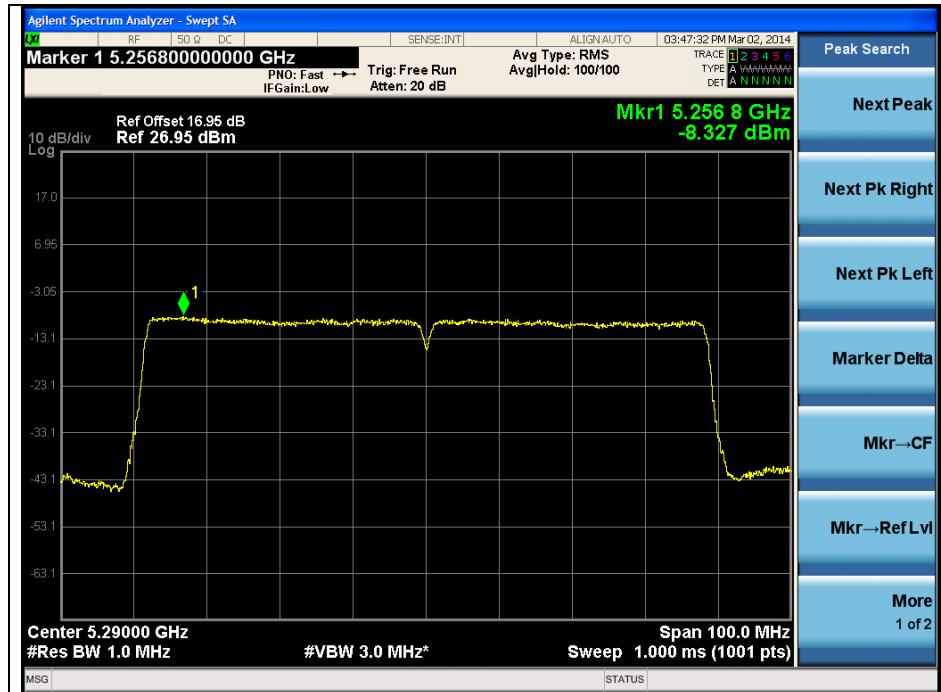
Low Channel (5 210 MHz)



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802.11ac_VHT80 (DFS)

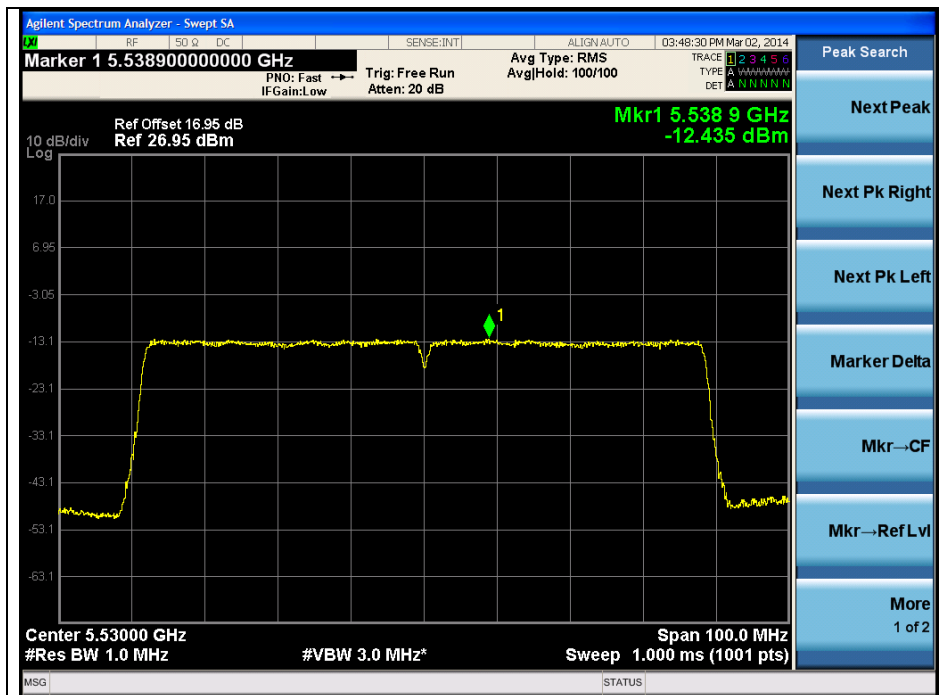
Low Channel (5 290 MHz)



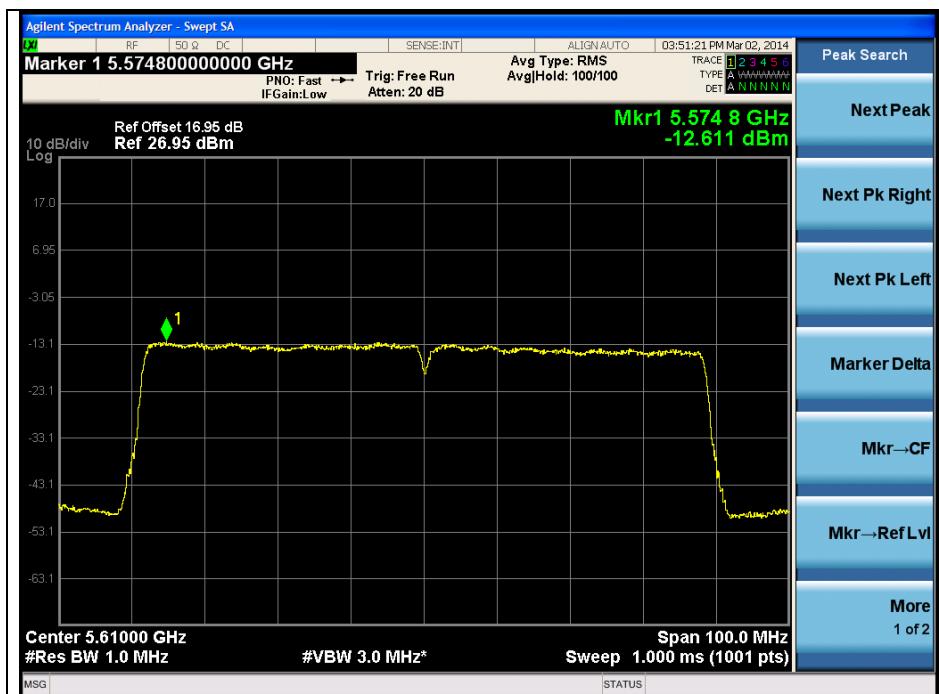
The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This test report cannot be reproduced, except in full, without prior written permission of the Company.

802.11ac_VHT80 (DFS)

Low Channel (5 530 MHz)

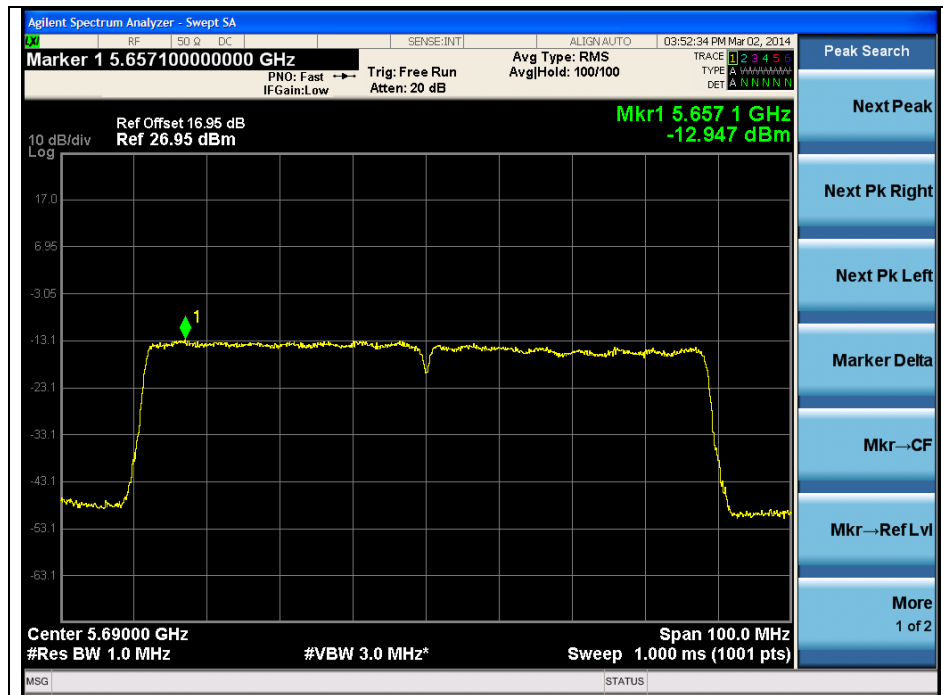


Middle Channel (5 610 MHz)



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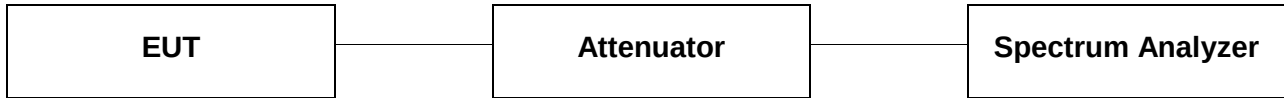
High Channel (5 690 MHz)



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6. Peak excursion

6.1. Test setup



6.2. Limit

The ratio of the peak excursion of the modulation envelope (measured using a peak hold function) to the peak transmit power (measured as specified above) shall not exceed 13 dB across any 1 MHz bandwidth or the emission bandwidth whichever is less.

6.3. Test procedure

All data rates and modes were investigated for this test. The full data for the worst case data rate are reported in this section.

1. This measurement settings are specified in section G of KDB 789033_v01r03.
2. Set the spectrum analyzer or EMI receiver span to view the entire emission bandwidth.
3. Find the maximum of the peak-max-hold spectrum.
4. Set RBW = 1 MHz.
5. Set VBW $\geq$ 3 MHz.
6. Detector = Peak.
7. Trace mode = max-hold.
8. Allow the sweeps to continue until the trace stabilizes.
9. Use the peak search function to find the peak of the spectrum.
10. Compute the ratio of the maximum of the peak-max-hold spectrum to the PPSD.
 - Testing each modulation mode on a single channel in a single operating band is sufficient to demonstrate compliance with the peak excursion requirement.
 - Tests performed all signal types, all modulation types, all bandwidth modes, all variations in signal parameters.

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6.4. Test result

Ambient temperature : (24 ± 2) °C
Relative humidity : 49 % R.H.

- 11a

Channel No.	Frequency (MHz)	Data Rate (Mbps)	Peak excursion (dB)	Limit (dB)
36	5 180	6	7.899	13
		9	7.687	
		12	7.928	
		18	6.440	
		24	8.808	
		36	8.444	
		48	8.511	
		54	8.564	

- 11n_HT20

Channel No.	Frequency (MHz)	Data Rate (Mbps)	Peak excursion (dB)	Limit (dB)
36	5 180	MCS0	8.122	13
		MCS1	8.228	
		MCS2	9.019	
		MCS3	8.546	
		MCS4	8.802	
		MCS5	8.593	
		MCS6	9.454	
		MCS7	8.332	
		MCS8	7.621	
		MCS9	8.368	
		MCS10	8.875	
		MCS11	7.959	
		MCS12	8.344	
		MCS13	9.150	
		MCS14	8.613	
		MCS15	8.061	

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- 11n_HT40

Channel No.	Frequency (MHz)	Data Rate (Mbps)	Peak excursion (dB)	Limit (dB)
38	5 190	MCS0	7.804	13
		MCS1	7.896	
		MCS2	8.067	
		MCS3	8.870	
		MCS4	9.847	
		MCS5	9.815	
		MCS6	9.782	
		MCS7	8.886	
		MCS8	7.648	
		MCS9	7.812	
		MCS10	9.147	
		MCS11	8.600	
		MCS12	8.425	
		MCS13	9.700	
		MCS14	9.452	
		MCS15	8.987	

- 11ac_VHT20

Channel No.	Frequency (MHz)	Data Rate (Mbps)	Peak excursion (dB)	Limit (dB)
36	5 180	MCS0	8.090	13
		MCS1	8.547	
		MCS2	9.071	
		MCS3	8.743	
		MCS4	8.394	
		MCS5	8.800	
		MCS6	9.255	
		MCS7	8.382	
		MCS8	8.423	
		MCS9	8.375	

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- 11ac_VHT40

Channel No.	Frequency (MHz)	Data Rate (Mbps)	Peak excursion (dB)	Limit (dB)
38	5 190	MCS0	8.286	13
		MCS1	8.150	
		MCS2	7.889	
		MCS3	8.447	
		MCS4	9.530	
		MCS5	9.512	
		MCS6	9.147	
		MCS7	8.818	
		MCS8	8.512	
		MCS9	9.219	

- 11ac_VHT80

Channel No.	Frequency (MHz)	Data Rate (Mbps)	Peak excursion (dB)	Limit (dB)
38	5 210	MCS0	8.291	13
		MCS1	8.575	
		MCS2	8.283	
		MCS3	9.180	
		MCS4	9.070	
		MCS5	8.881	
		MCS6	9.526	
		MCS7	8.414	
		MCS8	9.437	
		MCS9	9.225	

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