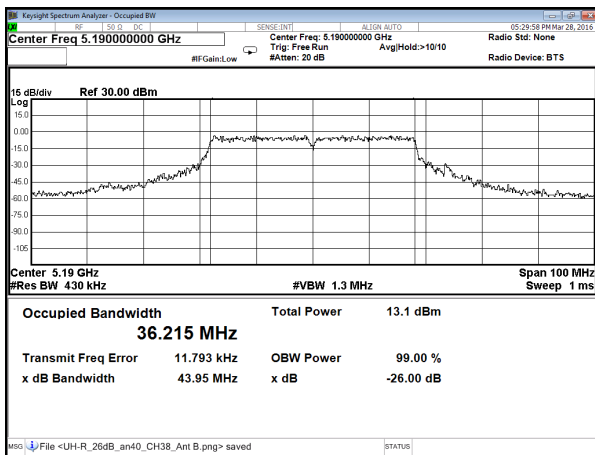
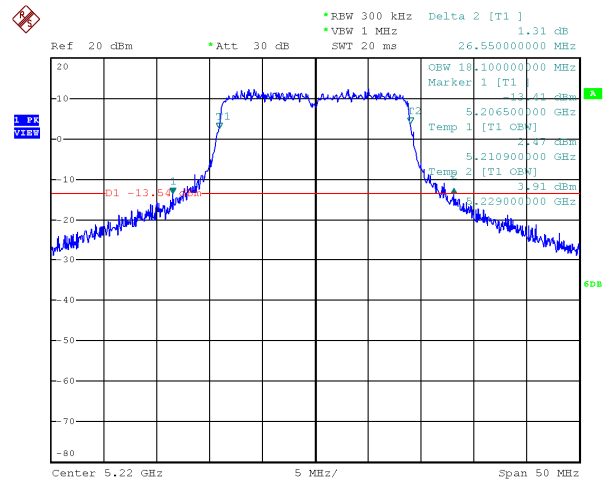
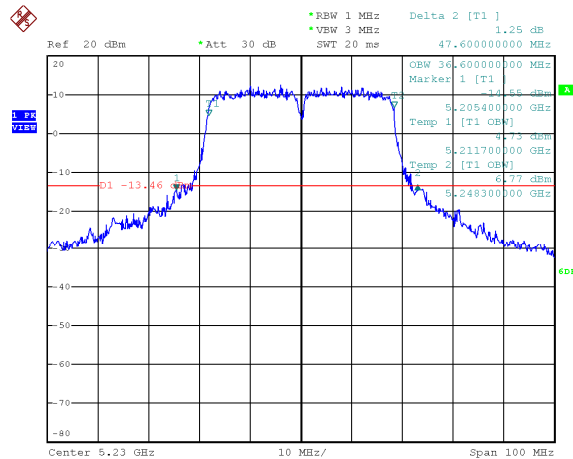
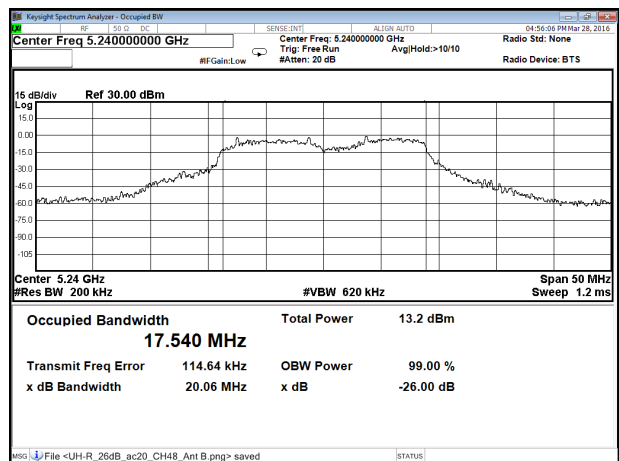
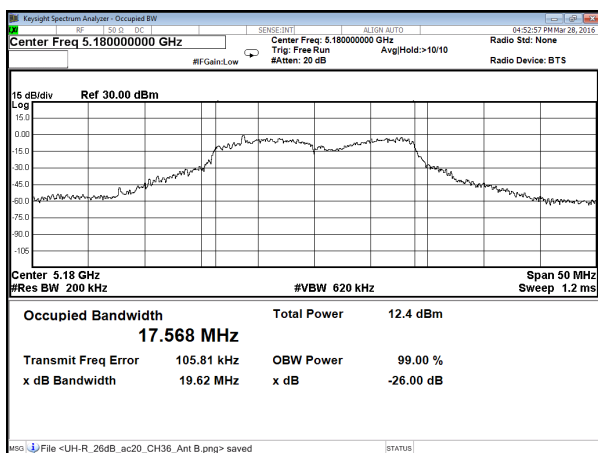
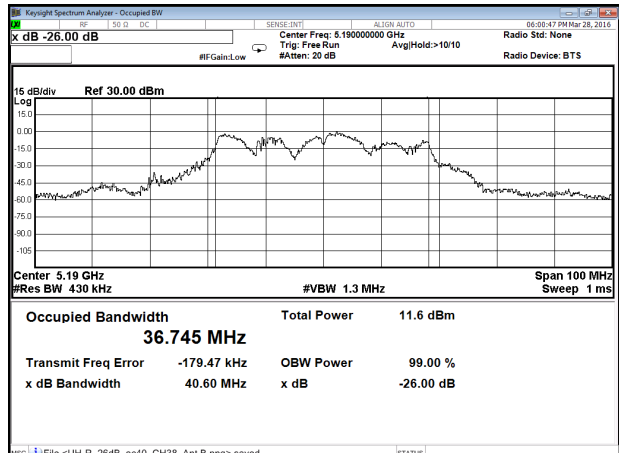


Modulation Standard: 802.11an HT40 (40.5Mbps)
CH38Modulation Standard: 802.11ac VHT20 (6.5Mbps)
CH44

CH46



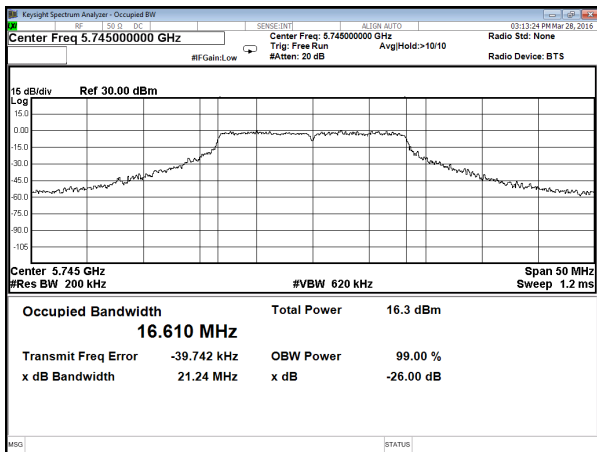
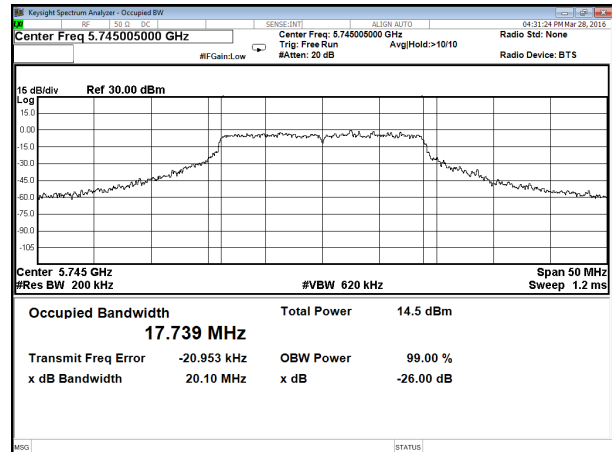
CH48

Modulation Standard: 802.11ac VHT20 (6.5Mbps)
CH36Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH38

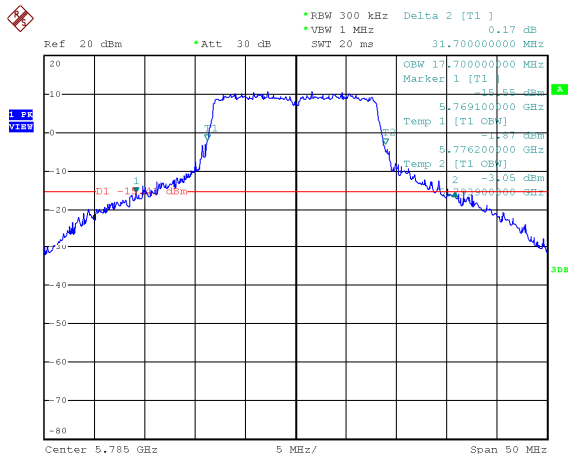


5.8G Band

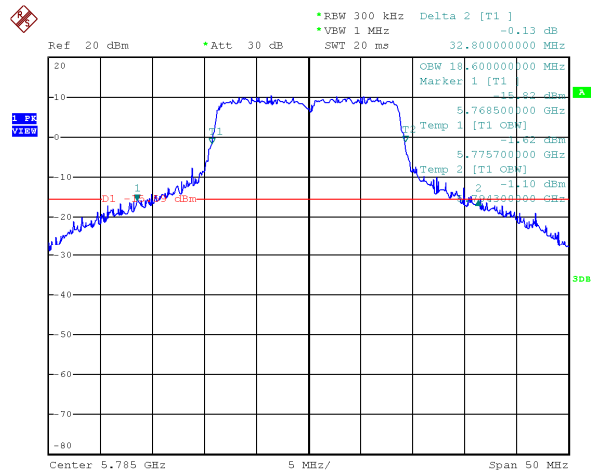
Antenna 0

Modulation Standard: 802.11a (6Mbps)
CH149Modulation Standard: 802.11an HT20 (19.5Mbps)
CH149

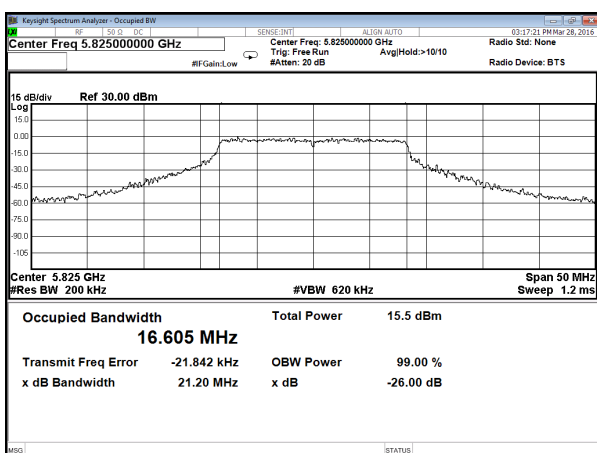
CH157



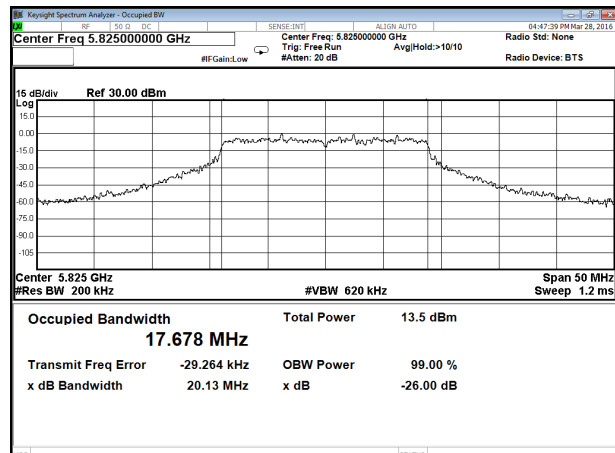
CH157

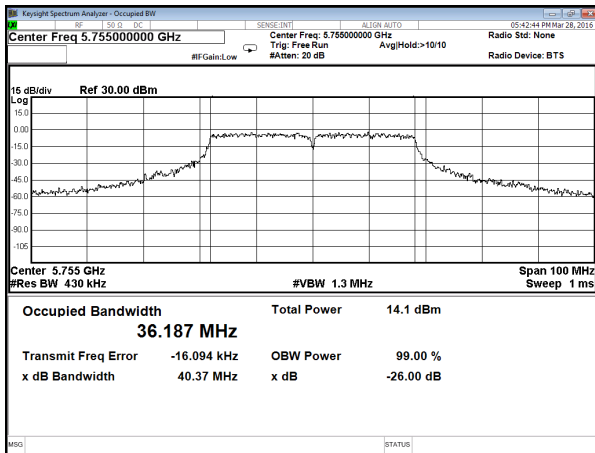
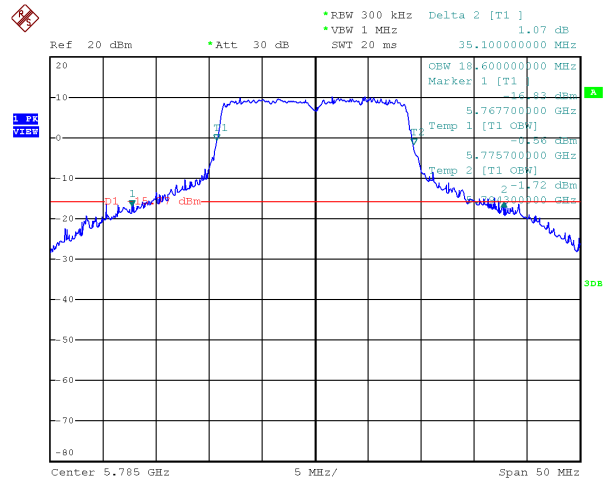


CH165

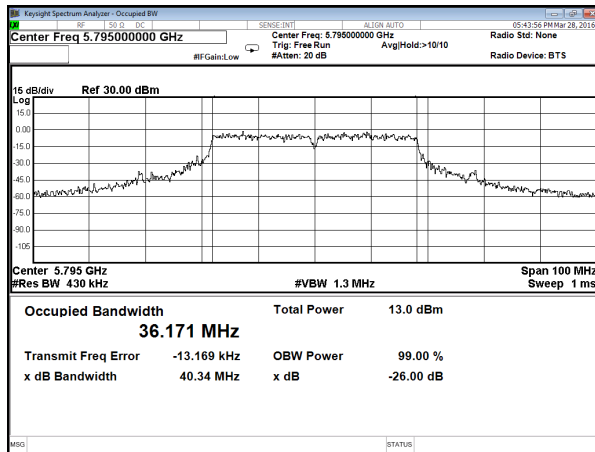


CH165

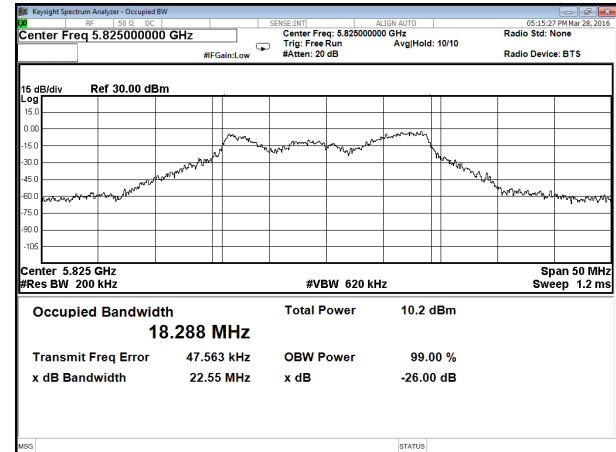
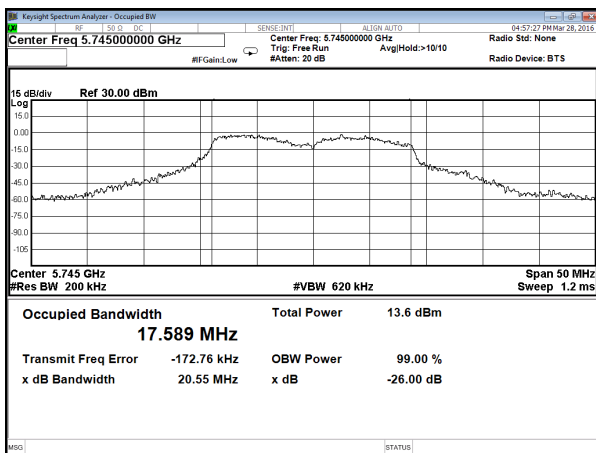
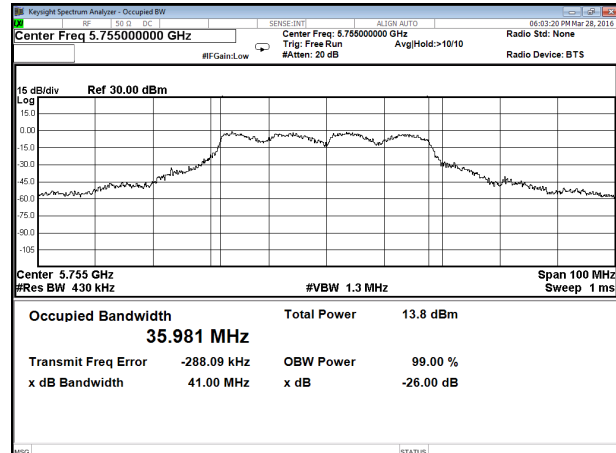


Modulation Standard: 802.11an HT40 (40.5Mbps)
CH151Modulation Standard: 802.11ac VHT20 (6.5Mbps)
CH157

CH159

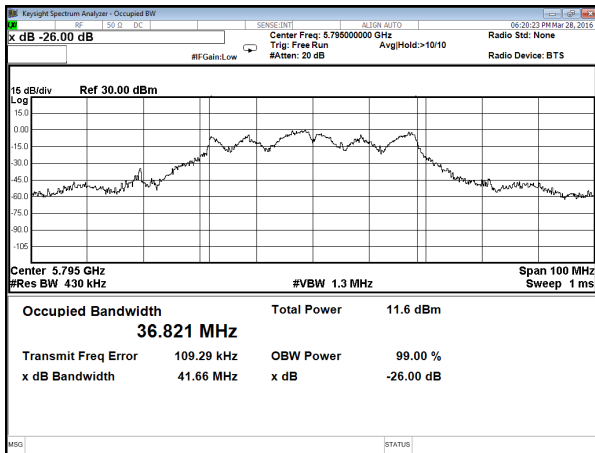


CH165

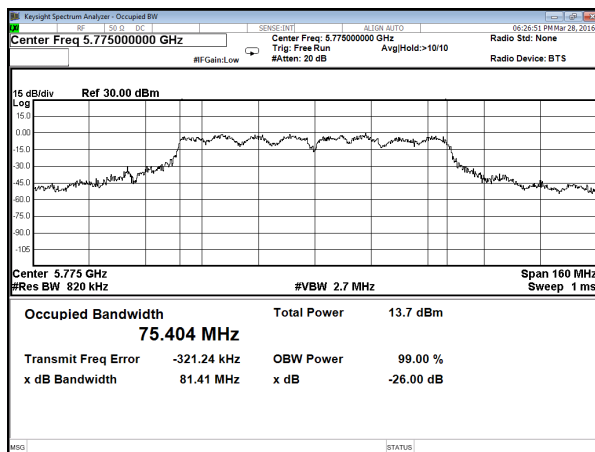
Modulation Standard: 802.11ac VHT20 (6.5Mbps)
CH149Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH151



Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH159

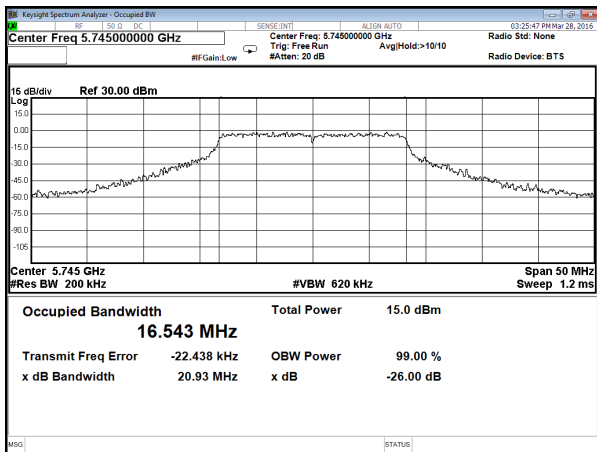
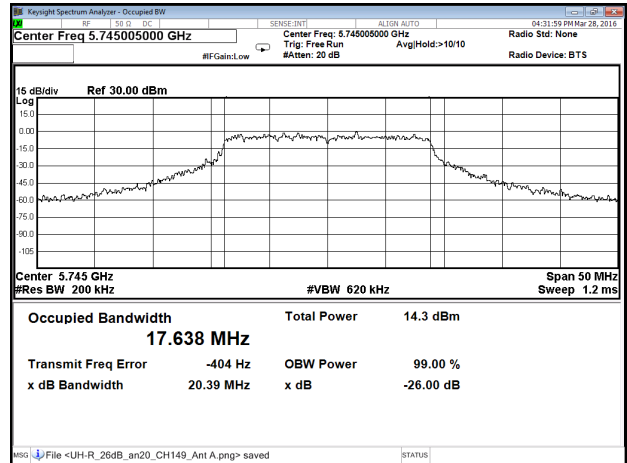


Modulation Standard: 802.11ac VHT80 (29.3Mbps)
CH155

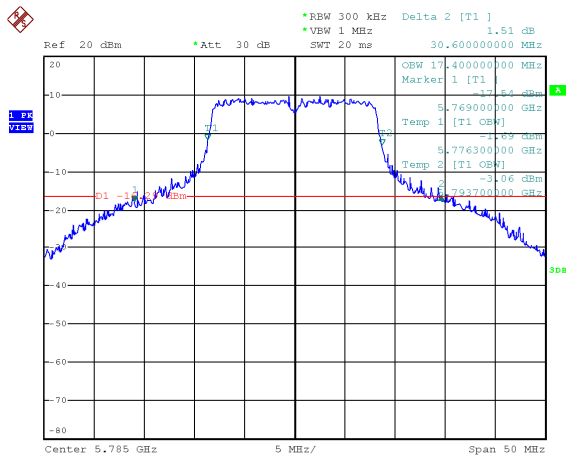




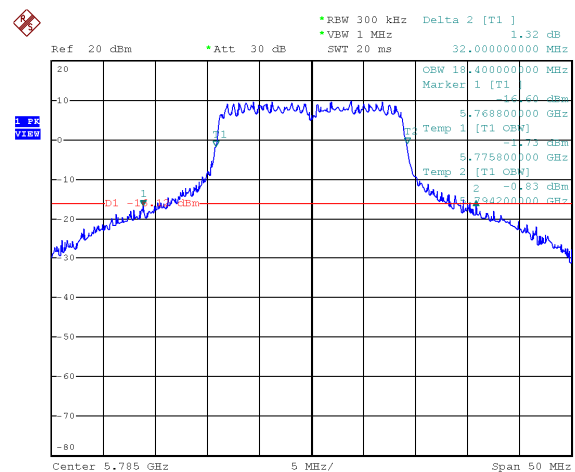
Antenna 1

Modulation Standard: 802.11a (6Mbps)
CH149Modulation Standard: 802.11an HT20 (19.5Mbps)
CH149

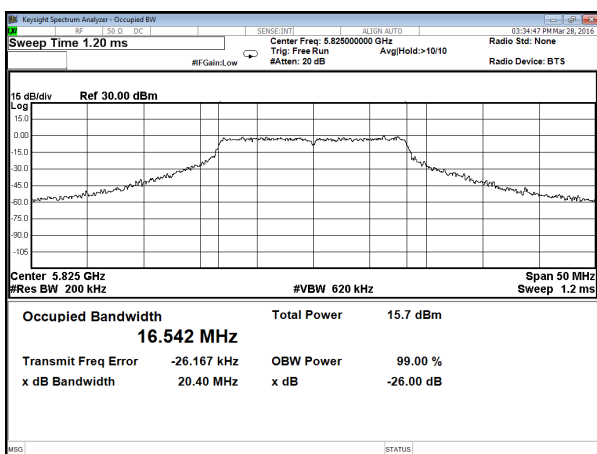
CH157



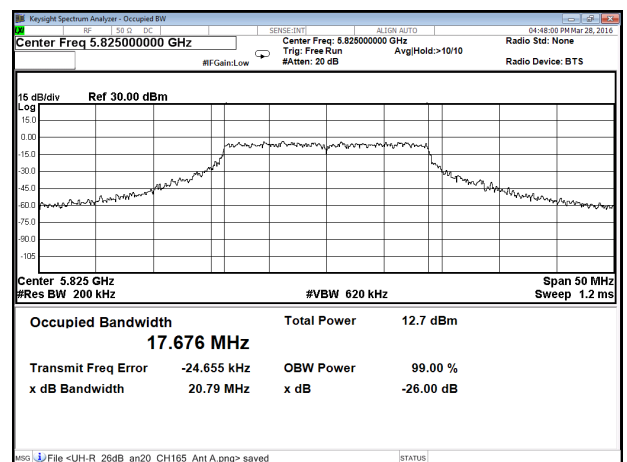
CH157

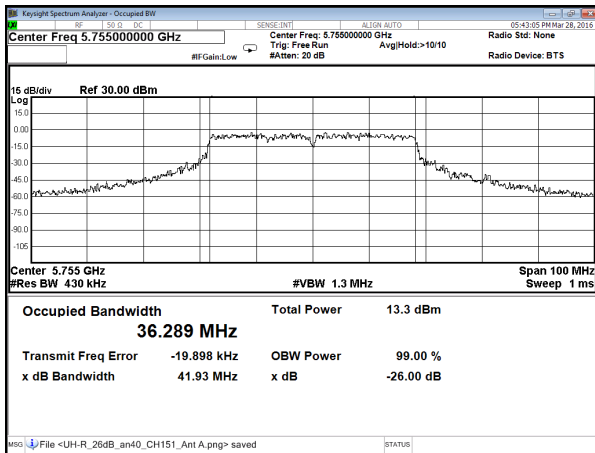
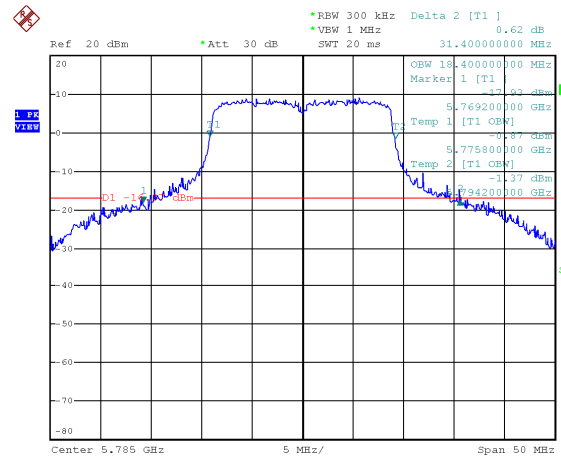


CH165

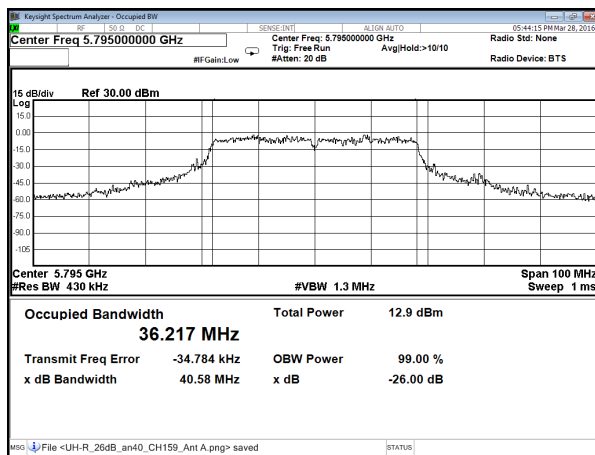


CH165

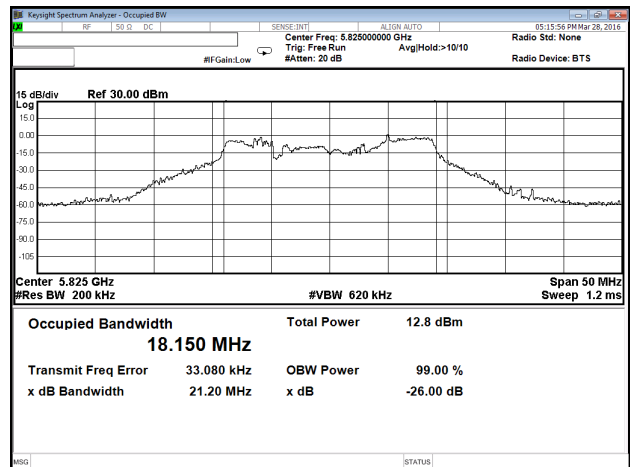
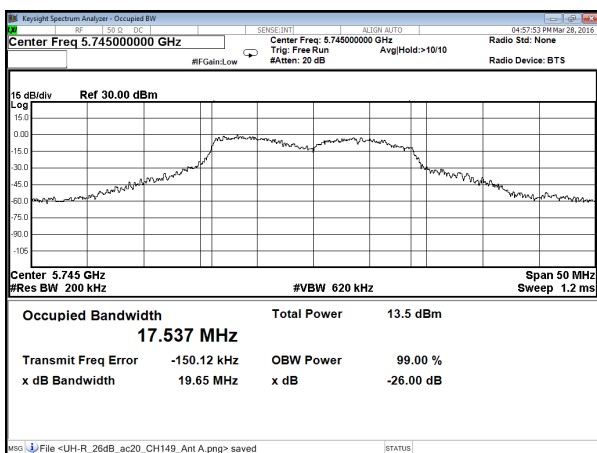
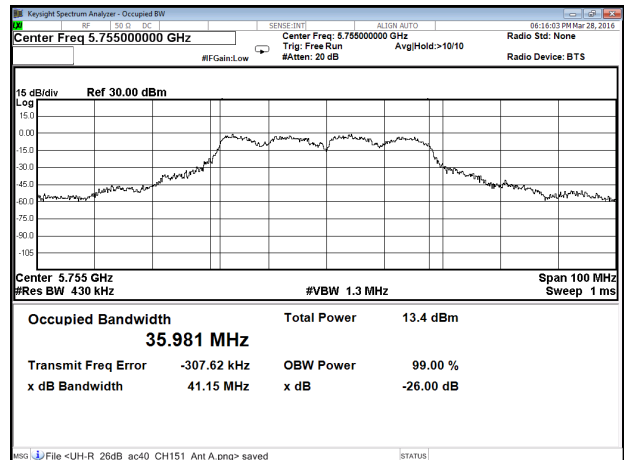


Modulation Standard: 802.11an HT40 (40.5Mbps)
CH151Modulation Standard: 802.11ac VHT20 (6.5Mbps)
CH157

CH159

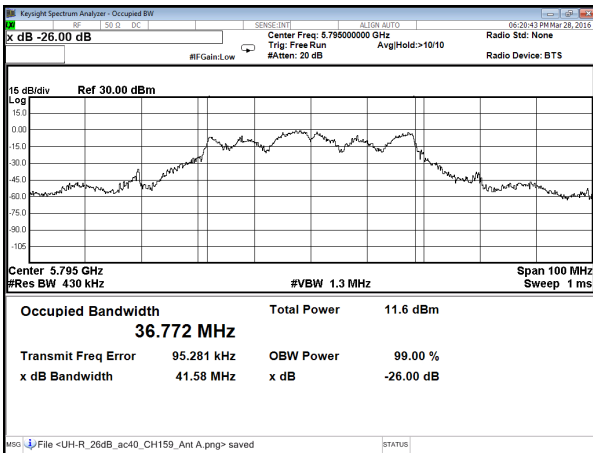


CH165

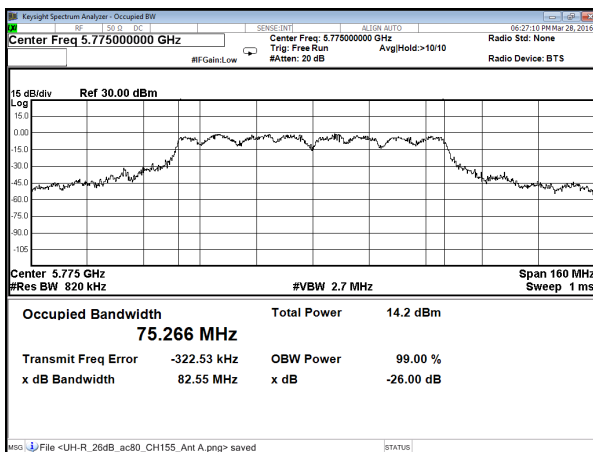
Modulation Standard: 802.11ac VHT20 (6.5Mbps)
CH149Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH151



Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH159



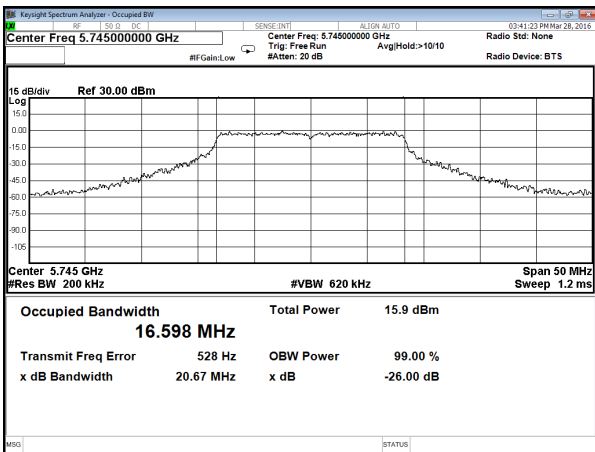
Modulation Standard: 802.11ac VHT80 (29.3Mbps)
CH155



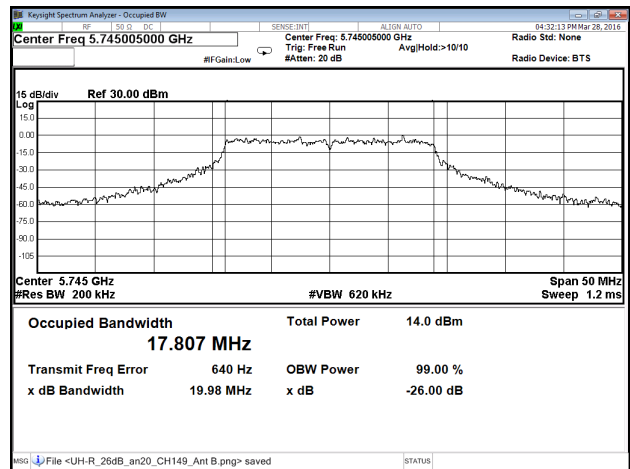


Antenna 2

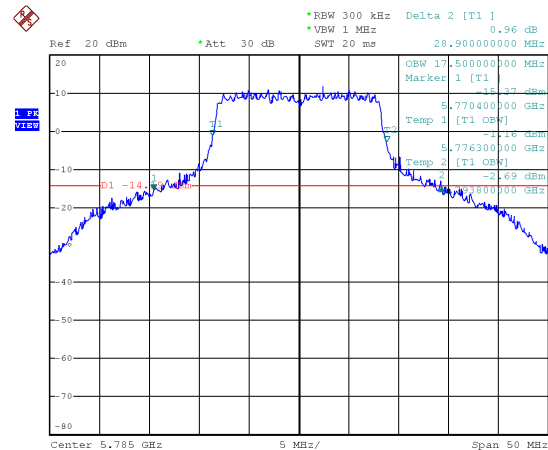
Modulation Standard: 802.11a (6Mbps)
CH149



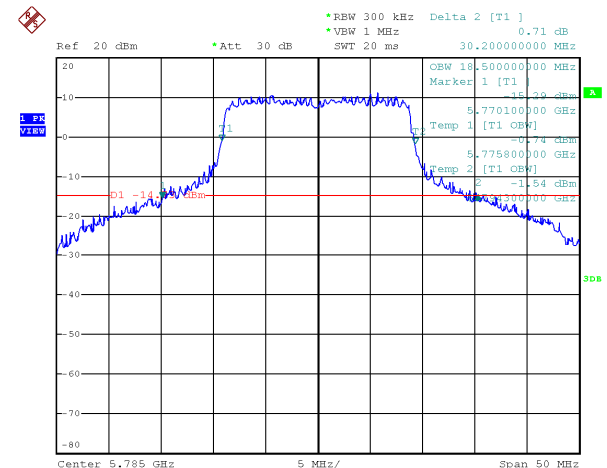
Modulation Standard: 802.11an HT20 (19.5Mbps)
CH149



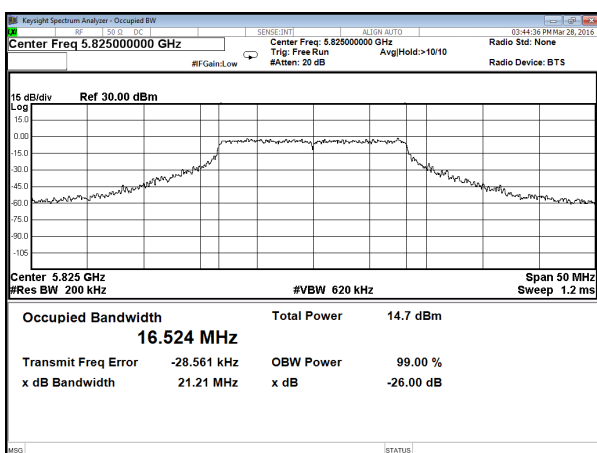
CH157



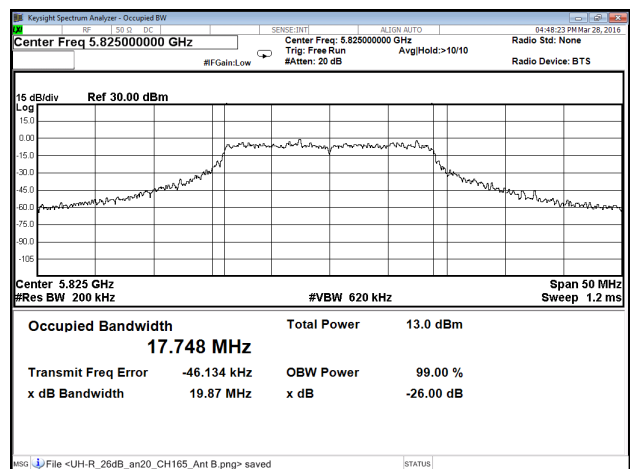
CH157

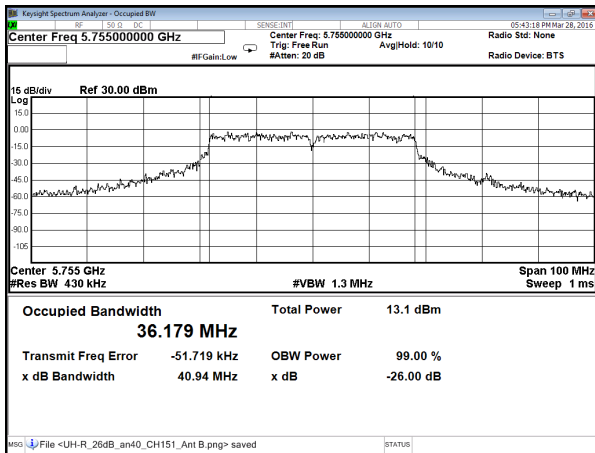
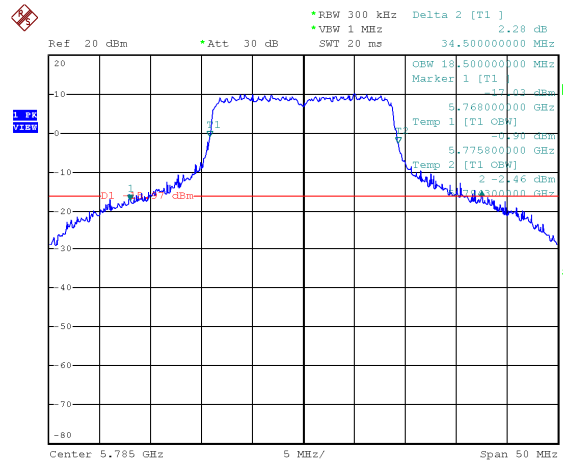


CH165

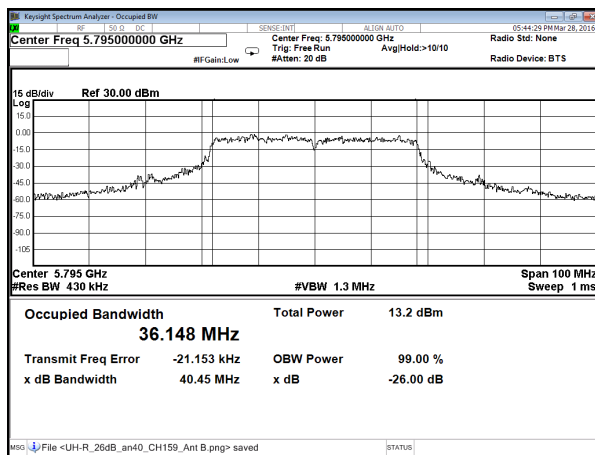


CH165

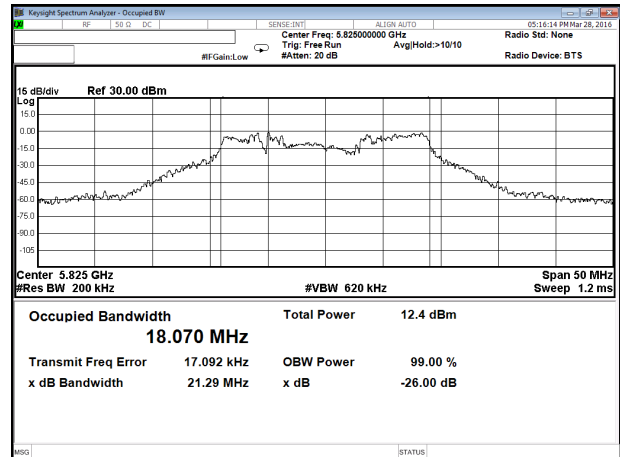
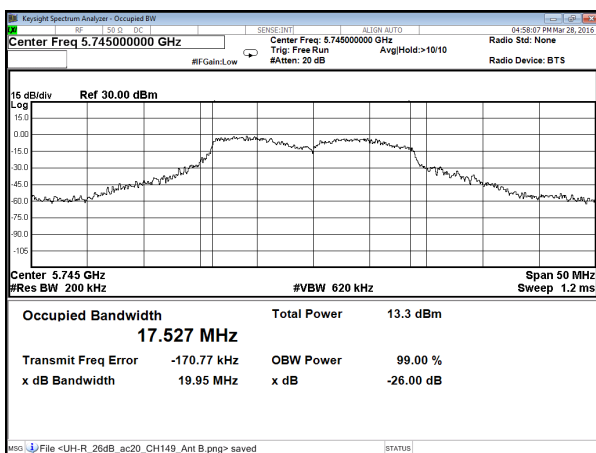
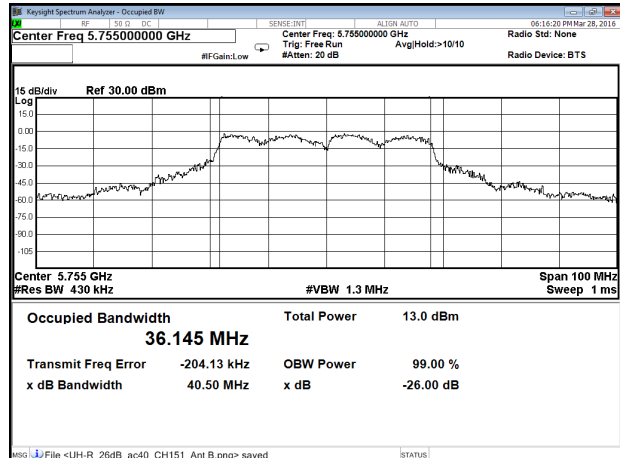


Modulation Standard: 802.11an HT40 (40.5Mbps)
CH151Modulation Standard: 802.11ac VHT20 (6.5Mbps)
CH157

CH159

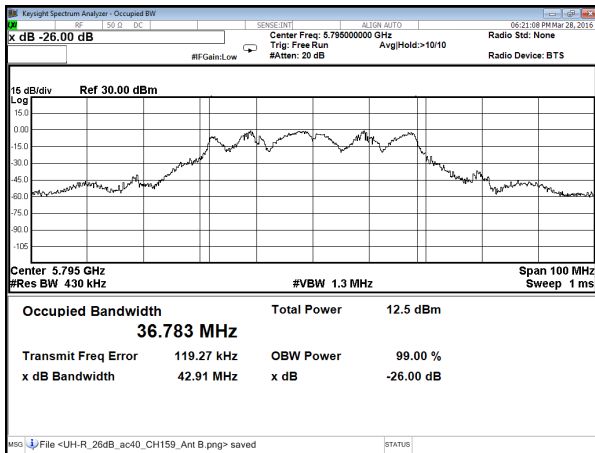


CH165

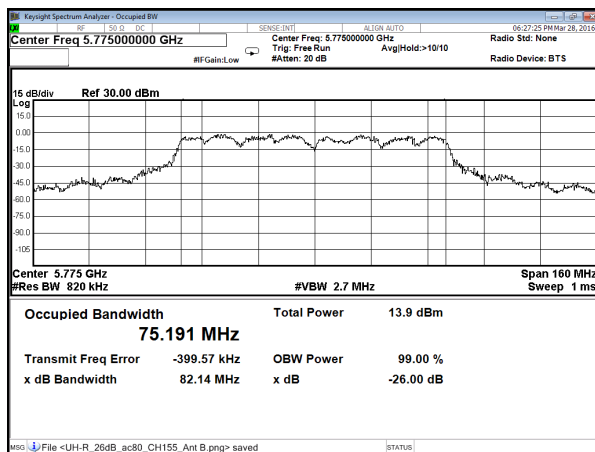
Modulation Standard: 802.11ac VHT20 (6.5Mbps)
CH149Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH151



Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH159



Modulation Standard: 802.11ac VHT80 (29.3Mbps)
CH155





10. Average Power

10.1. Test Limit

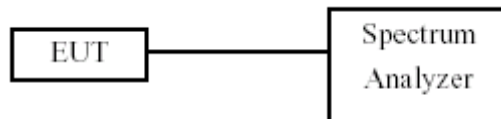
None; for reporting purposes only.

10.2. 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.

10.3. Test Setup Layout



10.4. Test Result and Data

Test Date: May 12, 2016

Temperature: 25°C

Atmospheric pressure: 1016 hPa

Humidity: 56%

802.11a mode in the 5.2G Band

Rate	Setting	Channel	Frequency	Avg Power Output (dBm)		
			(MHz)	ANT 0	ANT 1	ANT 2
6M	12	36	5180	11.93	11.15	11.54
	21	44	5220	21.88	20.87	21.66
	12	48	5240	11.94	11.32	11.64

**802.11n HT20 mode in the 5.2G Band**

Rate	Setting	Channel	Frequency	Avg Power Output (dBm)		
			(MHz)	ANT 0	ANT 1	ANT 2
MCS16	11	36	5180	11.79	11.42	11.46
	21	44	5220	22.21	20.98	21.05
	11	48	5240	11.58	11.71	11.74

802.11n HT40 mode in the 5.2G Band

Rate	Setting	Channel	Frequency	Avg Power Output (dBm)		
			(MHz)	ANT 0	ANT 1	ANT 2
MCS16	11	38	5190	11.46	10.89	10.56
	21	46	5230	21.76	21.02	21.44

802.11ac VHT20 mode in the 5.2G Band

Rate	Setting	Channel	Frequency	Avg Power Output (dBm)		
			(MHz)	ANT 0	ANT 1	ANT 2
MCS0-NSS3	11	36	5180	10.54	10.89	11.52
	21	44	5220	21.96	20.92	21.66
	11	48	5240	10.77	10.69	11.64

**802.11ac VHT40 mode in the 5.2G Band**

Rate	Setting	Channel	Frequency	Avg Power Output (dBm)		
			(MHz)	ANT 0	ANT 1	ANT 2
MCS0-NSS3	11	38	5190	10.88	10.95	11.63
	21	46	5230	21.67	20.73	21.37

802.11ac VHT80 mode in the 5.2G Band

Rate	Setting	Channel	Frequency	Avg Power Output (dBm)		
			(MHz)	ANT 0	ANT 1	ANT 2
MCS0-NSS3	15	42	5210	16.02	14.97	14.87

802.11a mode in the 5.8G Band

Rate	Setting	Channel	Frequency	Avg Power Output (dBm)		
			(MHz)	ANT 0	ANT 1	ANT 2
6M	11.5	149	5745	11.97	11.07	11.92
	21	157	5785	21.83	20.77	21.23
	11.5	165	5825	11.69	11.21	11.69

802.11n HT20 mode in the 5.8G Band

Rate	Setting	Channel	Frequency	Avg Power Output (dBm)		
			(MHz)	ANT 0	ANT 1	ANT 2
MCS16	11	149	5745	11.36	11.46	11.76
	21	157	5785	21.83	20.51	21.36
	11	165	5825	11.54	11.14	11.16

**802.11n HT40 mode in the 5.8G Band**

Rate	Setting	Channel	Frequency	Avg Power Output (dBm)		
			(MHz)	ANT 0	ANT 1	ANT 2
MCS16	11	151	5755	11.95	11.3	11.47
	11	159	5795	11.91	11.81	11.22

802.11ac VHT20 mode in the 5.8G Band

Rate	Setting	Channel	Frequency	Avg Power Output (dBm)		
			(MHz)	ANT 0	ANT 1	ANT 2
MCS0-NSS3	11	149	5745	11.78	11.42	12.78
	21	157	5785	21.71	20.71	21.62
	11	165	5825	11.52	11.17	12.69

802.11ac VHT40 mode in the 5.8G Band

Rate	Setting	Channel	Frequency	Avg Power Output (dBm)		
			(MHz)	ANT 0	ANT 1	ANT 2
MCS0-NSS3	11	151	5755	10.58	10.85	11.64
	11	159	5795	10.94	10.64	11.43

802.11ac VHT80 mode in the 5.8G Band

Rate	Setting	Channel	Frequency	Avg Power Output (dBm)		
			(MHz)	ANT 0	ANT 1	ANT 2
MCS0-NSS3	11	155	5775	10.03	10.38	11.24



11. Output Power and PPSD

11.1. Test Limit

Output Power:

Frequency Band		Limit
☒	5.15~5.25GHz	
	Operating Mode	
☐	Outdoor access point	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm) provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30degrees as measured from the horizon must not exceed 125 mW (21 dBm).
☒	Indoor access point	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm) provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
☐	Fixed point-to-point access points	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm). Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi.
☐	Mobile and portable client devices	The maximum conducted output power over the frequency band of operation shall not exceed 250 mW (24dBm) provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.



Frequency Band		Limit
☐	5.25-5.35 GHz	The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW (24dBm) or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
☐	5.470-5.725 GHz	
☒	5.725~5.85 GHz	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm). If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.

PSD:

Frequency Band		Limit
☒	5.15~5.25GHz	
	Operating Mode	
☐	Outdoor access point	17 dBm/MHz
☒	Indoor access point	17 dBm/MHz
☐	Fixed point-to-point access points	17 dBm/MHz
☐	Mobile and portable client devices	11 dBm/MHz
☐	5.725~5.85 GHz	11 dBm/MHz
☐	5.470-5.725 GHz	11 dBm/MHz
☒	5.725~5.85 GHz	30 dBm/500kHz



11.2. Test Procedure

As an alternative to FCC KDB-789033, the EUT maximum conducted output power was Measured with an average power meter employing a video bandwidth greater than 6dB BW of the emission under test. Maximum conducted output power was read directly from the meter across all data rates, and across three channels within each sub-band. Special care was used to make sure that the EUT was transmitting in continuous mode. This method exceeds the limitations of FCC KDB-789033, and provides more accurate measurements.

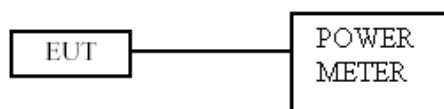
802.11an (BW $\leq$ 40MHz) Maximum conducted output power using KDB 789033 section E)3)b) Method PM-G (Measurement using a gated RF average power meter)

Note: the power meter have a video bandwidth that is greater than or equal to the measurement bandwidth, (Anritsu/ MA2411B video bandwidth: 65MHz)

802.11ac (BW=80MHz) Maximum conducted output power using KDB 789033 section E)2)b) Method SA-1 (trace averaging with the EUT transmitting at full power throughout each sweep).

When transmitted signals consist of two or more non-contiguous spectrum segments (e.g., 80+80 MHz mode) or when a single spectrum segment of a transmission crosses the boundary between two adjacent U-NII bands, KDB 644545 D01 section F) procedure is used for measurements.

11.3. Test Setup Layout



**11.4. Test Result and Data**

Test Date: May 12, 2016

Temperature: 25°C

Atmospheric pressure: 1016 hPa

Humidity: 56%

5.2G Band

Modulation Standard: IEEE 802.11a (6Mbps)

Bandwidth and Antenna Gain								
Channel	Frequency (MHz)	Ant. 0 26 dB BW (MHz)	Ant. 0 Min 99% BW (MHz)	Ant. 1 26 dB BW (MHz)	Ant. 1 Min 99% BW (MHz)	Ant. 2 26 dB BW (MHz)	Ant. 2 Min 99% BW (MHz)	Directional Gain (dBi)
Low	5180	20.89	16.54	20.47	16.61	20.91	16.53	8.77
Middle	5220	27.10	17.10	24.10	16.90	28.80	17.20	8.77
High	5240	20.47	16.61	20.12	16.59	21.21	16.53	8.77

Limit			
Channel	Frequency (MHz)	FCC Power Limit (dBm)	FCC PPSD Limit (dBm/MHz)
Low	5180	30.00	14.23
Middle	5220	30.00	14.23
High	5240	30.00	14.23
Duty Cycle CF (dB): 0.17			
Included in Calculations of Corr'd Power & PSD			



FCC Output Power Results									
Channel	Frequency (MHz)	Meas Power (dBm)				Total Corr'd Power (dBm)			
		ANT 0	ANT 1	ANT 2	ANT 0+1+2	ANT 0	ANT1	ANT2	ANT 0+1+2
Low	5180	11.93	11.15	11.54	16.32	12.10	11.32	11.71	16.50
Middle	5220	21.88	20.87	21.66	26.26	22.05	21.04	21.83	26.44
High	5240	11.94	11.32	11.64	16.41	12.11	11.49	11.81	16.59

Limit			
Channel	Frequency (MHz)	Power Limit (dBm)	Power Margin (dBm)
Low	5180	30.00	-13.50
Middle	5220	30.00	-3.56
High	5240	30.00	-13.41

PPSD Results								
Channel	Frequency (MHz)	Meas PPSP (dBm/MHz)			Total Corr'd Power (dBm/MHz)			PPSP Limit FCC (dBm/MHz)
		ANT 0	ANT 1	ANT 2	ANT 0	ANT 1	ANT 2	
Low	5180	-2.55	-1.33	-2.39	-2.38	-1.16	-2.22	14.23
Middle	5220	6.92	6.01	6.45	7.09	6.18	6.62	14.23
High	5240	-0.89	0.03	-1.21	-0.72	0.20	-1.04	14.23



Modulation Standard: IEEE 802.11an HT20 (19.5Mbps)

Bandwidth and Antenna Gain								
Channel	Frequency (MHz)	Ant. 0 26 dB BW (MHz)	Ant. 0 Min 99% BW (MHz)	Ant. 1 26 dB BW (MHz)	Ant. 1 Min 99% BW (MHz)	Ant. 2 26 dB BW (MHz)	Ant. 2 Min 99% BW (MHz)	Directional Gain (dBi)
Low	5180	20.34	17.74	19.58	17.71	19.60	17.65	8.77
Middle	5220	33.60	18.50	28.70	18.20	27.70	18.35	8.77
High	5240	19.77	17.71	20.21	17.80	19.43	17.71	8.77

Limit			
Channel	Frequency (MHz)	FCC Power Limit (dBm)	FCC PPSD Limit (dBm/MHz)
Low	5180	30.00	14.23
Middle	5220	30.00	14.23
High	5240	30.00	14.23
Duty Cycle CF (dB): 0.51			
Included in Calculations of Corr'd Power & PSD			

FCC Output Power Results									
Channel	Frequency (MHz)	Meas Power (dBm)				Total Corr'd Power (dBm)			
		ANT 0	ANT 1	ANT 2	ANT 0+1+2	ANT 0	ANT1	ANT2	ANT 0+1+2
Low	5180	11.79	11.42	11.46	16.33	12.30	11.93	11.97	16.84
Middle	5220	22.21	20.98	21.05	26.22	22.72	21.49	21.56	26.73
High	5240	11.58	11.71	11.74	16.45	12.09	12.22	12.25	16.96

Limit			
Channel	Frequency (MHz)	Power Limit (dBm)	Power Margin (dBm)
Low	5180	30.00	-13.16
Middle	5220	30.00	-3.27
High	5240	30.00	-13.04



PPSD Results								
Channel	Frequency (MHz)	Meas PPSP (dBm/MHz)			Total Corr'd Power (dBm/MHz)			PPSD Limit FCC (dBm/MHz)
		ANT 0	ANT 1	ANT 2	ANT 0	ANT 1	ANT 2	
Low	5180	-3.70	-4.28	-3.45	-3.19	-3.77	-2.94	14.23
Middle	5220	4.80	3.91	4.74	5.31	4.42	5.25	14.23
High	5240	-2.96	-1.38	-2.41	-2.45	-0.87	-1.90	14.23



Modulation Standard: IEEE 802.11an HT40 (40.5Mbps)

Bandwidth and Antenna Gain								
Channel	Frequency (MHz)	Ant. 0 26 dB BW (MHz)	Ant. 0 Min 99% BW (MHz)	Ant. 1 26 dB BW (MHz)	Ant. 1 Min 99% BW (MHz)	Ant. 2 26 dB BW (MHz)	Ant. 2 Min 99% BW (MHz)	Directional Gain (dBi)
Low	5190	40.65	36.28	39.76	36.18	43.95	36.22	8.77
Middle	5230	50.00	37.00	46.80	36.70	47.60	36.60	8.77

Limit			
Channel	Frequency (MHz)	FCC Power Limit (dBm)	FCC PPSD Limit (dBm/MHz)
Low	5190	30.00	14.23
Middle	5230	30.00	14.23
Duty Cycle CF (dB): 0.99 Included in Calculations of Corr'd Power & PSD			

FCC Output Power Results									
Channel	Frequency (MHz)	Meas Power (dBm)				Total Corr'd Power (dBm)			
		ANT 0	ANT 1	ANT 2	ANT 0+1+2	ANT 0	ANT1	ANT2	ANT 0+1+2
Low	5190	11.46	10.89	10.56	15.76	12.45	11.88	11.55	16.75
Middle	5230	21.76	21.02	21.44	26.19	22.75	22.01	22.43	27.18

Limit			
Channel	Frequency (MHz)	Power Limit (dBm)	Power Margin (dBm)
Low	5190	30.00	-13.25
Middle	5230	30.00	-2.82

PPSD Results								
Channel	Frequency (MHz)	Meas PSD (dBm/MHz)			Total Corr'd Power (dBm/MHz)			PPSD Limit FCC (dBm/MHz)
		ANT 0	ANT 1	ANT 2	ANT 0	ANT 1	ANT 2	
Low	5190	-8.18	-7.36	-8.67	-7.19	-6.37	-7.68	14.23
Middle	5230	1.00	-0.58	0.51	1.99	0.41	1.50	14.23



Modulation Standard: IEEE 802.11ac VHT20 (6.5Mbps)

Bandwidth and Antenna Gain								
Channel	Frequency (MHz)	Ant. 0 26 dB BW (MHz)	Ant. 0 Min 99% BW (MHz)	Ant. 1 26 dB BW (MHz)	Ant. 1 Min 99% BW (MHz)	Ant. 2 26 dB BW (MHz)	Ant. 2 Min 99% BW (MHz)	Directional Gain (dBi)
Low	5180	20.93	17.63	19.96	17.58	19.62	17.57	8.77
Middle	5220	27.85	18.20	23.70	17.95	26.55	18.10	8.77
High	5240	20.42	17.65	20.45	17.61	20.06	17.54	8.77

Limit			
Channel	Frequency (MHz)	FCC Power Limit (dBm)	FCC PPSD Limit (dBm/MHz)
Low	5180	30.00	14.23
Middle	5220	30.00	14.23
High	5240	30.00	14.23
Duty Cycle CF (dB): 0.18			
Included in Calculations of Corr'd Power & PSD			

FCC Output Power Results									
Channel	Frequency (MHz)	Meas Power (dBm)				Total Corr'd Power (dBm)			
		ANT 0	ANT 1	ANT 2	ANT 0+1+2	ANT 0	ANT1	ANT2	ANT 0+1+2
Low	5180	10.54	10.89	11.52	15.77	10.72	11.07	11.70	15.96
Middle	5220	21.96	20.92	21.66	26.31	22.14	21.10	21.84	26.49
High	5240	10.77	10.69	11.64	15.83	10.95	10.87	11.82	16.01

Limit			
Channel	Frequency (MHz)	Power Limit (dBm)	Power Margin (dBm)
Low	5180	30.00	-14.04
Middle	5220	30.00	-3.51
High	5240	30.00	-13.99



PPSD Results								
Channel	Frequency (MHz)	Meas PSD (dBm/MHz)			Total Corr'd Power (dBm/MHz)			PPSD Limit FCC (dBm/MHz)
		ANT 0	ANT 1	ANT 2	ANT 0	ANT 1	ANT 2	
Low	5180	-9.88	-9.42	-9.42	-9.70	-9.24	-9.24	14.23
Middle	5220	7.11	5.68	5.93	7.29	5.86	6.11	14.23
High	5240	-7.59	-8.94	-8.29	-7.41	-8.76	-8.11	14.23



Modulation Standard: IEEE 802.11ac VHT40 (13.5Mbps)

Bandwidth and Antenna Gain								
Channel	Frequency (MHz)	Ant. 0 26 dB BW (MHz)	Ant. 0 Min 99% BW (MHz)	Ant. 1 26 dB BW (MHz)	Ant. 1 Min 99% BW (MHz)	Ant. 2 26 dB BW (MHz)	Ant. 2 Min 99% BW (MHz)	Directional Gain (dBi)
Low	5190	40.59	36.69	40.14	36.64	40.60	36.75	8.77
Middle	5230	48.40	36.90	46.80	36.60	48.20	36.60	8.77

Limit			
Channel	Frequency (MHz)	FCC Power Limit (dBm)	FCC PPSD Limit (dBm/MHz)
Low	5190	30.00	14.23
Middle	5230	30.00	14.23
Duty Cycle CF (dB): 0.39 Included in Calculations of Corr'd Power & PPSP			

FCC Output Power Results									
Channel	Frequency (MHz)	Meas Power (dBm)				Total Corr'd Power (dBm)			
		ANT 0	ANT 1	ANT 2	ANT 0+1+2	ANT 0	ANT1	ANT2	ANT 0+1+2
Low	5190	10.88	10.95	11.63	15.94	11.27	11.34	12.02	16.33
Middle	5230	21.67	20.73	21.37	26.05	22.06	21.12	21.76	26.43

Limit			
Channel	Frequency (MHz)	Power Limit (dBm)	Power Margin (dBm)
Low	5190	30.00	-13.67
Middle	5230	30.00	-3.57

PPSP Results								
Channel	Frequency (MHz)	Meas PPSP (dBm/MHz)			Total Corr'd Power (dBm/MHz)			PPSP Limit FCC (dBm/MHz)
		ANT 0	ANT 1	ANT 2	ANT 0	ANT 1	ANT 2	
Low	5190	-6.04	-5.52	-5.79	-5.65	-5.13	-5.40	14.23
Middle	5230	3.11	1.88	1.91	3.50	2.27	2.30	14.23



Modulation Standard: IEEE 802.11ac VHT80 (29.3Mbps)

Bandwidth and Antenna Gain								
Channel	Frequency (MHz)	Ant. 0 26 dB BW (MHz)	Ant. 0 Min 99% BW (MHz)	Ant. 1 26 dB BW (MHz)	Ant. 1 Min 99% BW (MHz)	Ant. 2 26 dB BW (MHz)	Ant. 2 Min 99% BW (MHz)	Directional Gain (dBi)
Low	5210	84.16	75.84	85.76	76.00	83.84	76.00	8.77

Limit			
Channel	Frequency (MHz)	FCC Power Limit (dBm)	FCC PPSD Limit (dBm/MHz)
Low	5210	30.00	14.23
Duty Cycle CF (dB): 0.74			
Included in Calculations of Corr'd Power & PPSPD			

FCC Output Power Results									
Channel	Frequency (MHz)	Meas Power (dBm)				Total Corr'd Power (dBm)			
		ANT 0	ANT 1	ANT 2	ANT 0+1+2	ANT 0	ANT1	ANT2	ANT 0+1+2
Low	5210	16.02	14.97	14.87	20.09	16.76	15.71	15.61	20.83

Limit			
Channel	Frequency (MHz)	Power Limit (dBm)	Power Margin (dBm)
Low	5210	30.00	-9.17

PPSD Results								
Channel	Frequency (MHz)	Meas PPSPD (dBm/MHz)			Total Corr'd Power (dBm/MHz)			PPSPD Limit FCC (dBm/MHz)
		ANT 0	ANT 1	ANT 2	ANT 0	ANT 1	ANT 2	
Low	5210	-7.66	-7.88	-8.64	-6.92	-7.14	-7.90	14.23



Test Date: May 12, 2016

Temperature: 25°C

Atmospheric pressure: 1016 hPa

Humidity: 56%

5.8G Band

Modulation Standard: IEEE 802.11a (6Mbps)

Bandwidth and Antenna Gain								
Channel	Frequency (MHz)	Ant. 0 26 dB BW (MHz)	Ant. 0 Min 99% BW (MHz)	Ant. 1 26 dB BW (MHz)	Ant. 1 Min 99% BW (MHz)	Ant. 2 26 dB BW (MHz)	Ant. 2 Min 99% BW (MHz)	Directional Gain (dBi)
Low	5745	21.24	16.61	20.93	16.54	20.67	16.60	8.77
Middle	5785	31.70	17.70	30.60	17.40	28.90	17.50	8.77
High	5825	21.20	16.61	20.40	16.54	21.21	16.52	8.77

Limit			
Channel	Frequency (MHz)	FCC Power Limit (dBm)	FCC PPSD Limit (dBm/MHz)
Low	5745	30.00	27.23
Middle	5785	30.00	27.23
High	5825	30.00	27.23
Duty Cycle CF (dB): 0.17			
Included in Calculations of Corr'd Power & PSD			



FCC Output Power Results									
Channel	Frequency (MHz)	Meas Power (dBm)				Total Corr'd Power (dBm)			
		ANT 0	ANT 1	ANT 2	ANT 0+1+2	ANT 0	ANT1	ANT2	ANT 0+1+2
Low	5745	11.97	11.07	11.92	16.44	12.14	11.24	12.09	16.62
Middle	5785	21.83	20.77	21.23	26.07	22.00	20.94	21.40	26.24
High	5825	11.69	11.21	11.69	16.31	11.86	11.38	11.86	16.48

Limit			
Channel	Frequency (MHz)	Power Limit (dBm)	Power Margin (dBm)
Low	5180	30.00	-13.38
Middle	5220	30.00	-3.76
High	5240	30.00	-13.52

PPSD Results								
Channel	Frequency (MHz)	Meas PSD (dBm/MHz)			Total Corr'd Power (dBm/MHz)			PPSD Limit FCC (dBm/MHz)
		ANT 0	ANT 1	ANT 2	ANT 0	ANT 1	ANT 2	
Low	5745	-6.93	-7.01	-7.28	-6.76	-6.84	-7.11	27.23
Middle	5785	5.06	4.04	4.95	5.23	4.21	5.12	27.23
High	5825	-8.74	-8.76	-7.45	-8.57	-8.59	-7.28	27.23



Modulation Standard: IEEE 802.11an HT20 (19.5Mbps)

Bandwidth and Antenna Gain								
Channel	Frequency (MHz)	Ant. 0 26 dB BW (MHz)	Ant. 0 Min 99% BW (MHz)	Ant. 1 26 dB BW (MHz)	Ant. 1 Min 99% BW (MHz)	Ant. 2 26 dB BW (MHz)	Ant. 2 Min 99% BW (MHz)	Directional Gain (dBi)
Low	5745	20.10	17.74	20.39	17.64	19.98	17.81	8.77
Middle	5785	32.80	18.60	32.00	18.40	30.20	18.50	8.77
High	5825	20.13	17.68	20.79	17.68	19.87	17.75	8.77

Limit			
Channel	Frequency (MHz)	FCC Power Limit (dBm)	FCC PPSD Limit (dBm/MHz)
Low	5745	30.00	27.23
Middle	5785	30.00	27.23
High	5825	30.00	27.23
Duty Cycle CF (dB): 0.51			
Included in Calculations of Corr'd Power & PSD			

FCC Output Power Results									
Channel	Frequency (MHz)	Meas Power (dBm)				Total Corr'd Power (dBm)			
		ANT 0	ANT 1	ANT 2	ANT 0+1+2	ANT 0	ANT1	ANT2	ANT 0+1+2
Low	5745	11.36	11.46	11.76	16.30	11.87	11.97	12.27	16.81
Middle	5785	21.83	20.51	21.36	26.04	22.34	21.02	21.87	26.55
High	5825	11.54	11.14	11.16	16.06	12.05	11.65	11.67	16.56

Limit			
Channel	Frequency (MHz)	Power Limit (dBm)	Power Margin (dBm)
Low	5180	30.00	-13.19
Middle	5220	30.00	-3.45
High	5240	30.00	-13.44



PPSD Results								
Channel	Frequency (MHz)	Meas PSD (dBm/MHz)			Total Corr'd Power (dBm/MHz)			PPSD Limit FCC (dBm/MHz)
		ANT 0	ANT 1	ANT 2	ANT 0	ANT 1	ANT 2	
Low	5745	-10.54	-10.86	-9.47	-10.03	-10.35	-8.96	27.23
Middle	5785	3.8	2.38	3.75	4.31	2.89	4.26	27.23
High	5825	-12.31	-12.40	-10.82	-11.80	-11.89	-10.31	27.23



Modulation Standard: IEEE 802.11an HT40 (40.5Mbps)

Bandwidth and Antenna Gain								
Channel	Frequency (MHz)	Ant. 0 26 dB BW (MHz)	Ant. 0 Min 99% BW (MHz)	Ant. 1 26 dB BW (MHz)	Ant. 1 Min 99% BW (MHz)	Ant. 2 26 dB BW (MHz)	Ant. 2 Min 99% BW (MHz)	Directional Gain (dBi)
Low	5755	40.37	36.19	41.93	36.29	40.94	36.18	8.77
Middle	5795	40.34	36.17	40.58	36.22	40.45	36.15	8.77

Limit			
Channel	Frequency (MHz)	FCC Power Limit (dBm)	FCC PPSD Limit (dBm/MHz)
Low	5755	30.00	27.23
Middle	5795	30.00	27.23
Duty Cycle CF (dB): 0.99 Included in Calculations of Corr'd Power & PSD			

FCC Output Power Results									
Channel	Frequency (MHz)	Meas Power (dBm)				Total Corr'd Power (dBm)			
		ANT 0	ANT 1	ANT 2	ANT 0+1+2	ANT 0	ANT1	ANT2	ANT 0+1+2
Low	5755	11.95	11.3	11.47	16.35	12.94	12.29	12.46	17.35
Middle	5795	11.91	11.81	11.22	16.43	12.90	12.80	12.21	17.42

Limit			
Channel	Frequency (MHz)	Power Limit (dBm)	Power Margin (dBm)
Low	5190	30.00	-12.65
Middle	5230	30.00	-12.58

PPSD Results								
Channel	Frequency (MHz)	Meas PSD (dBm/MHz)			Total Corr'd Power (dBm/MHz)			PPSD Limit FCC (dBm/MHz)
		ANT 0	ANT 1	ANT 2	ANT 0	ANT 1	ANT 2	
Low	5755	-20.33	-18.98	-17.80	-19.34	-17.99	-16.81	27.23
Middle	5795	-19.73	-19.45	-18.89	-18.74	-18.46	-17.90	27.23



Modulation Standard: IEEE 802.11ac VHT20 (6.5Mbps)

Bandwidth and Antenna Gain								
Channel	Frequency (MHz)	Ant. 0 26 dB BW (MHz)	Ant. 0 Min 99% BW (MHz)	Ant. 1 26 dB BW (MHz)	Ant. 1 Min 99% BW (MHz)	Ant. 2 26 dB BW (MHz)	Ant. 2 Min 99% BW (MHz)	Directional Gain (dBi)
Low	5745	20.55	17.589	19.65	17.537	19.95	17.527	8.77
Middle	5785	35.10	18.600	31.40	18.400	34.50	18.500	8.77
High	5825	22.55	18.288	21.20	18.150	21.29	18.070	8.77

Limit			
Channel	Frequency (MHz)	FCC Power Limit (dBm)	FCC PPSD Limit (dBm/MHz)
Low	5745	30.00	27.23
Middle	5785	30.00	27.23
High	5825	30.00	27.23
Duty Cycle CF (dB): 0.18			
Included in Calculations of Corr'd Power & PSD			

FCC Output Power Results									
Channel	Frequency (MHz)	Meas Power (dBm)				Total Corr'd Power (dBm)			
		ANT 0	ANT 1	ANT 2	ANT 0+1+2	ANT 0	ANT1	ANT2	ANT 0+1+2
Low	5745	11.78	11.42	12.78	16.80	11.96	11.60	12.96	16.99
Middle	5785	21.71	20.71	21.62	26.14	21.89	20.89	21.80	26.33
High	5825	11.52	11.17	12.69	16.61	11.70	11.35	12.87	16.80

Limit			
Channel	Frequency (MHz)	Power Limit (dBm)	Power Margin (dBm)
Low	5180	30.00	-13.01
Middle	5220	30.00	-3.67
High	5240	30.00	-13.20



PPSD Results								
Channel	Frequency (MHz)	Meas PSD (dBm/MHz)			Total Corr'd Power (dBm/MHz)			PPSD Limit FCC (dBm/MHz)
		ANT 0	ANT 1	ANT 2	ANT 0	ANT 1	ANT 2	
Low	5745	-8.49	-7.16	-5.87	-8.31	-6.98	-5.69	27.23
Middle	5785	4.74	3.35	4.44	4.92	3.53	4.62	27.23
High	5825	-9.25	-8.52	-6.14	-9.07	-8.34	-5.96	27.23



Modulation Standard: IEEE 802.11ac VHT40 (13.5Mbps)

Bandwidth and Antenna Gain								
Channel	Frequency (MHz)	Ant. 0 26 dB BW (MHz)	Ant. 0 Min 99% BW (MHz)	Ant. 1 26 dB BW (MHz)	Ant. 1 Min 99% BW (MHz)	Ant. 2 26 dB BW (MHz)	Ant. 2 Min 99% BW (MHz)	Directional Gain (dBi)
Low	5755	41.00	35.98	41.15	35.98	40.50	36.15	8.77
Middle	5795	41.66	36.82	41.58	36.77	42.91	36.78	8.77

Limit			
Channel	Frequency (MHz)	FCC Power Limit (dBm)	FCC PPSD Limit (dBm/MHz)
Low	5755	30.00	27.23
Middle	5795	30.00	27.23
Duty Cycle CF (dB): 0.39 Included in Calculations of Corr'd Power & PSD			

FCC Output Power Results									
Channel	Frequency (MHz)	Meas Power (dBm)				Total Corr'd Power (dBm)			
		ANT 0	ANT 1	ANT 2	ANT 0+1+2	ANT 0	ANT1	ANT2	ANT 0+1+2
Low	5755	10.58	10.85	11.64	15.82	10.97	11.24	12.03	16.21
Middle	5795	10.94	10.64	11.43	15.79	11.33	11.03	11.82	16.18

Limit			
Channel	Frequency (MHz)	Power Limit (dBm)	Power Margin (dBm)
Low	5190	30.00	-13.79
Middle	5230	30.00	-13.82

PPSD Results								
Channel	Frequency (MHz)	Meas PSD (dBm/MHz)			Total Corr'd Power (dBm/MHz)			PPSD Limit FCC (dBm/MHz)
		ANT 0	ANT 1	ANT 2	ANT 0	ANT 1	ANT 2	
Low	5755	-13.51	-13.77	-12.61	-13.12	-13.38	-12.22	27.23
Middle	5795	-14.30	-13.94	-10.44	-13.91	-13.55	-10.05	27.23



Modulation Standard: IEEE 802.11ac VHT80 (29.3Mbps)

Bandwidth and Antenna Gain								
Channel	Frequency (MHz)	Ant. 0 26 dB BW (MHz)	Ant. 0 Min 99% BW (MHz)	Ant. 1 26 dB BW (MHz)	Ant. 1 Min 99% BW (MHz)	Ant. 2 26 dB BW (MHz)	Ant. 2 Min 99% BW (MHz)	Directional Gain (dBi)
Low	5775	81.41	75.40	82.55	75.27	82.14	75.19	8.77

Limit			
Channel	Frequency (MHz)	FCC Power Limit (dBm)	FCC PPSD Limit (dBm/MHz)
Low	5775	30.00	27.23
Duty Cycle CF (dB): 0.74			
Included in Calculations of Corr'd Power & PPSP			

FCC Output Power Results									
Channel	Frequency (MHz)	Meas Power (dBm)				Total Corr'd Power (dBm)			
		ANT 0	ANT 1	ANT 2	ANT 0+1+2	ANT 0	ANT1	ANT2	ANT 0+1+2
Low	5775	10.03	10.38	11.24	15.35	10.77	11.12	11.98	16.09

Limit			
Channel	Frequency (MHz)	Power Limit (dBm)	Power Margin (dBm)
Low	5210	30.00	-13.91

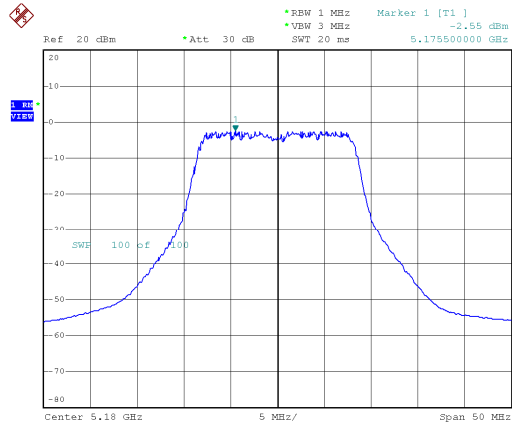
PPSD Results								
Channel	Frequency (MHz)	Meas PPSP (dBm/MHz)			Total Corr'd Power (dBm/MHz)			PPSP Limit FCC (dBm/MHz)
		ANT 0	ANT 1	ANT 2	ANT 0	ANT 1	ANT 2	
Low	5775	-21.76	-21.00	-19.21	-21.02	-20.26	-18.47	27.23



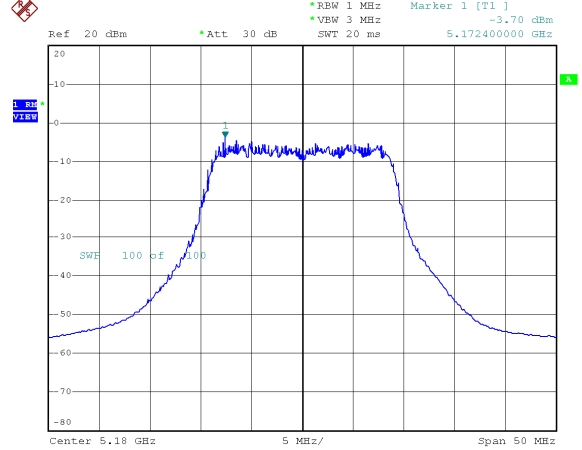
5.2G Band

Antenna 0

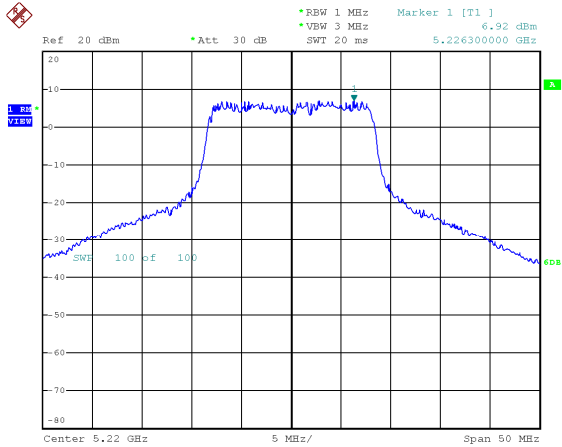
Modulation Standard: 802.11a (6Mbps)
CH36



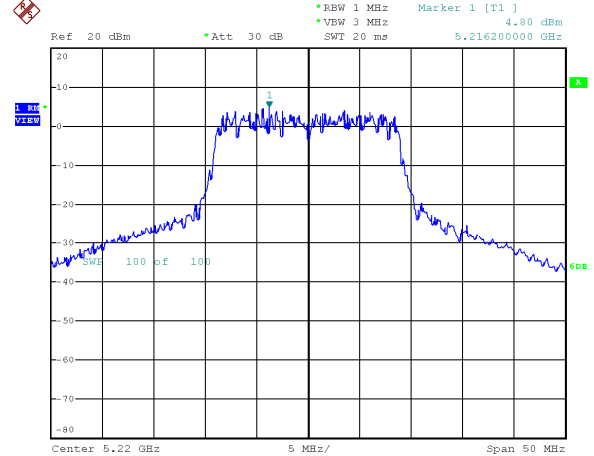
Modulation Standard: 802.11an HT20 (19.5Mbps)
CH36



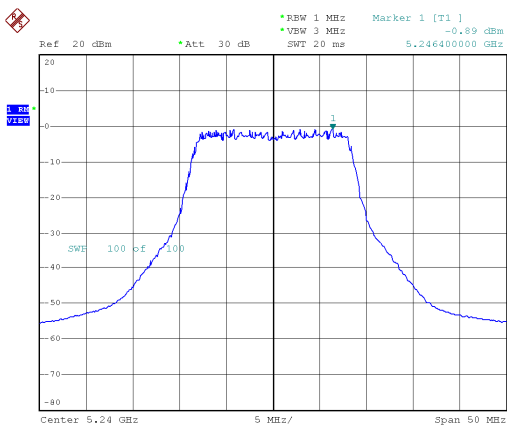
CH44



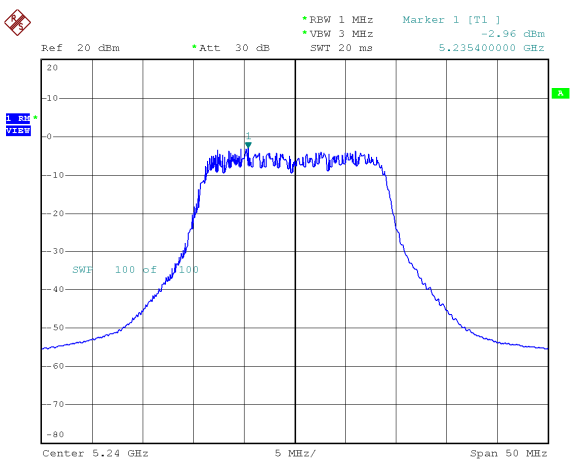
CH44

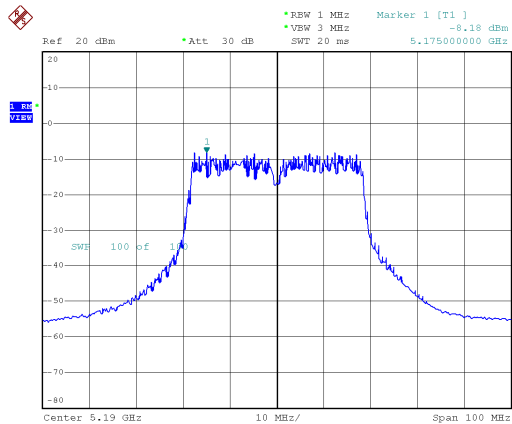
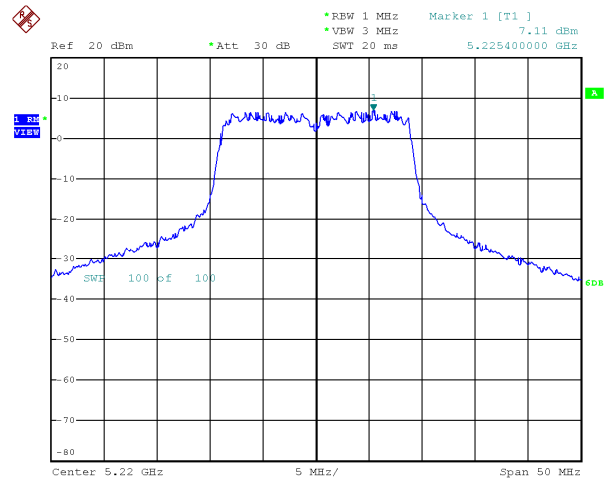


CH48

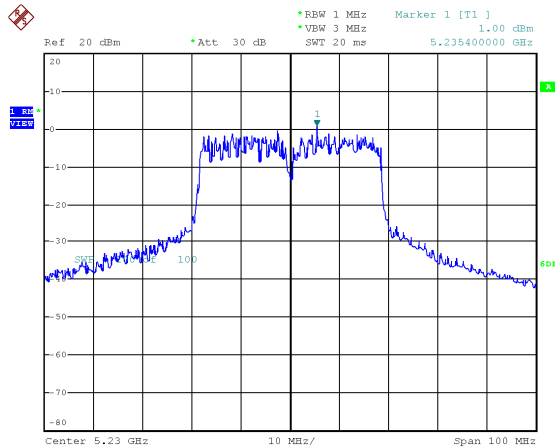


CH48

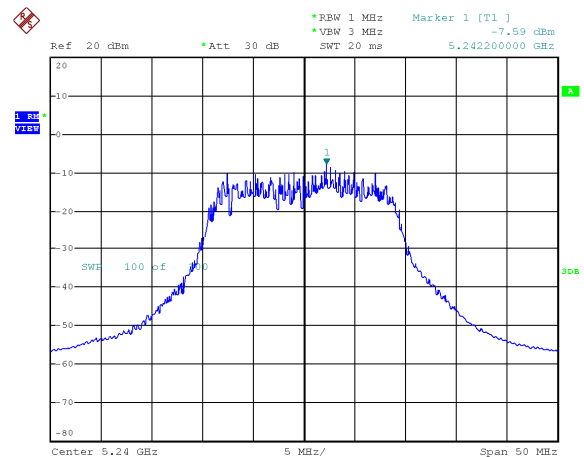
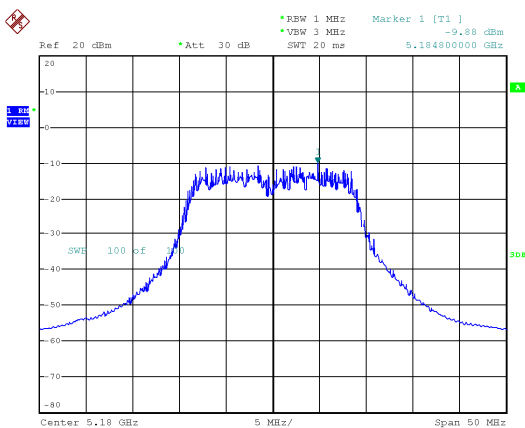
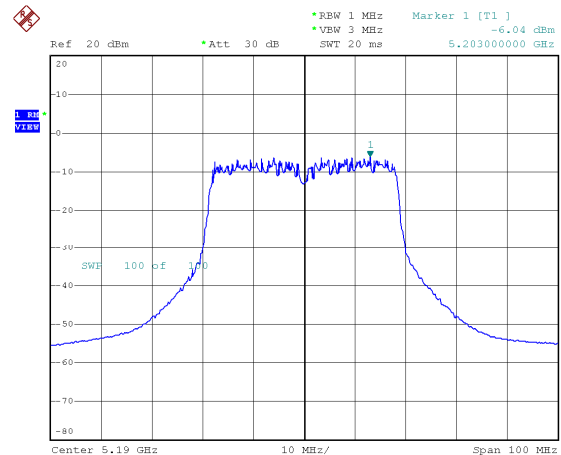


Modulation Standard: 802.11an HT40 (40.5Mbps)
CH38Modulation Standard: 802.11ac VHT20 (6.5Mbps)
CH44

CH46

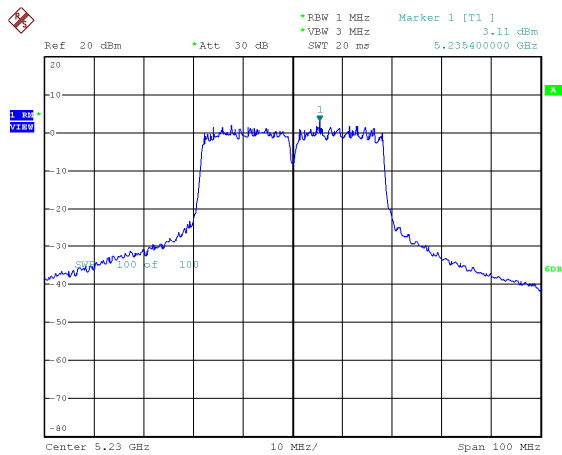


CH48

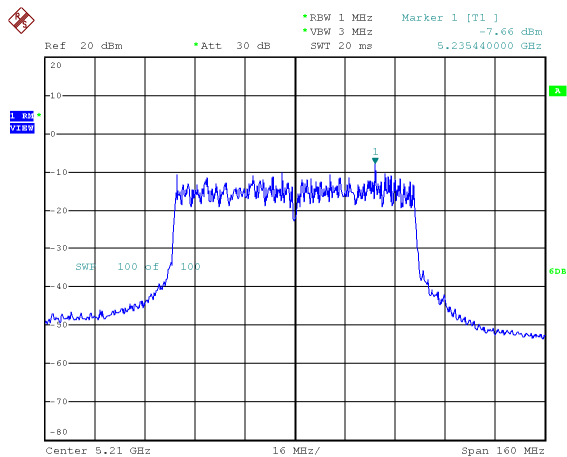
Modulation Standard: 802.11ac VHT20 (6.5Mbps)
CH36Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH38



Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH46



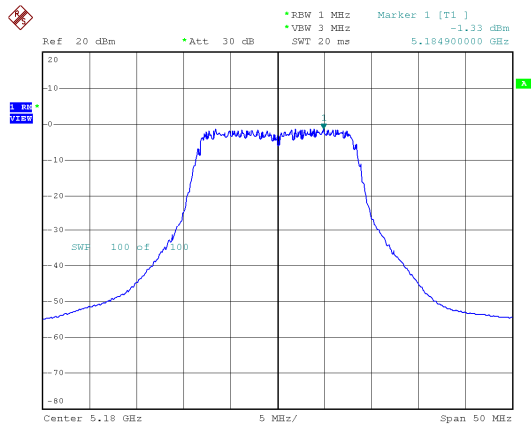
Modulation Standard: 802.11ac VHT80 (29.3Mbps)
CH42



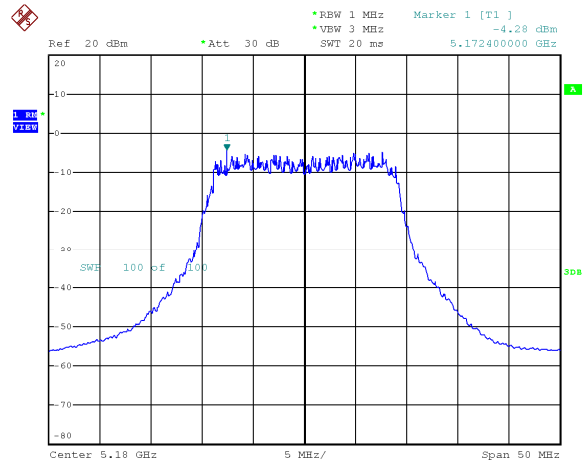


Antenna 1

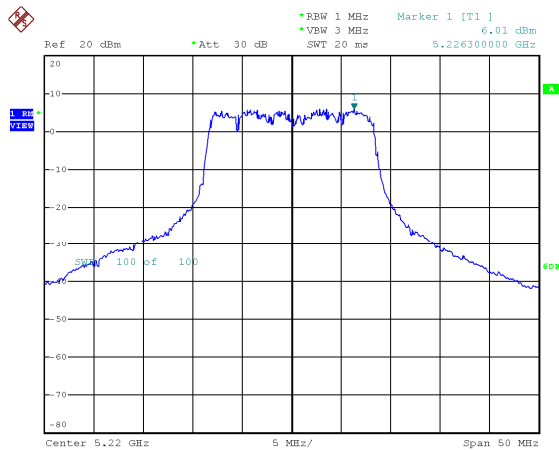
Modulation Standard: 802.11a (6Mbps)
CH36



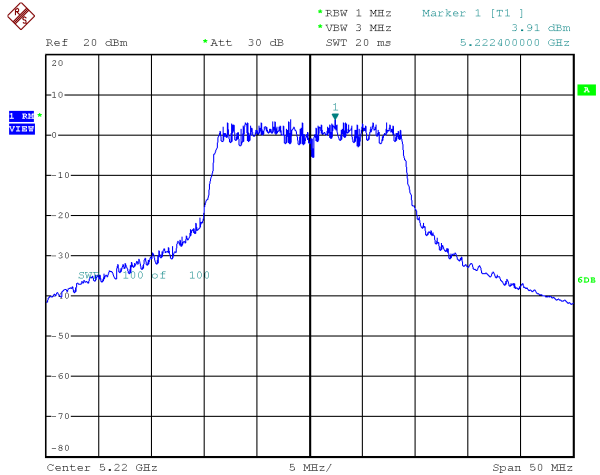
Modulation Standard: 802.11an HT20 (19.5Mbps)
CH36



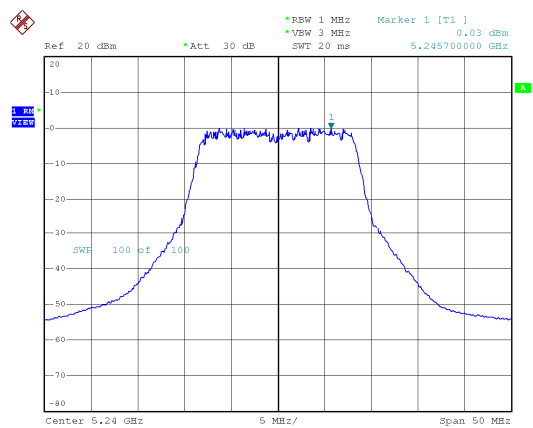
CH44



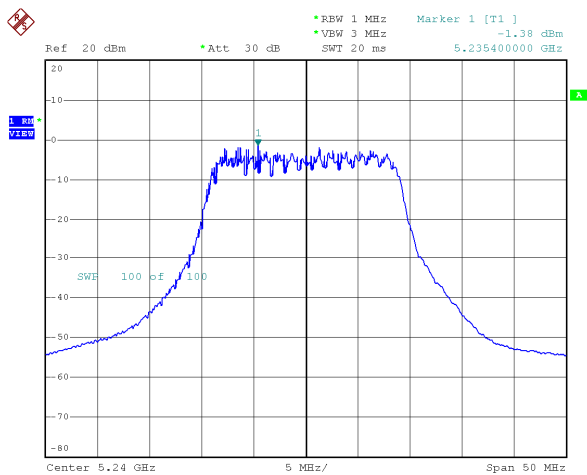
CH44

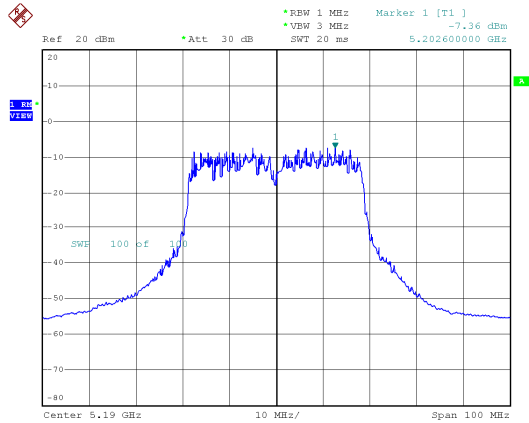
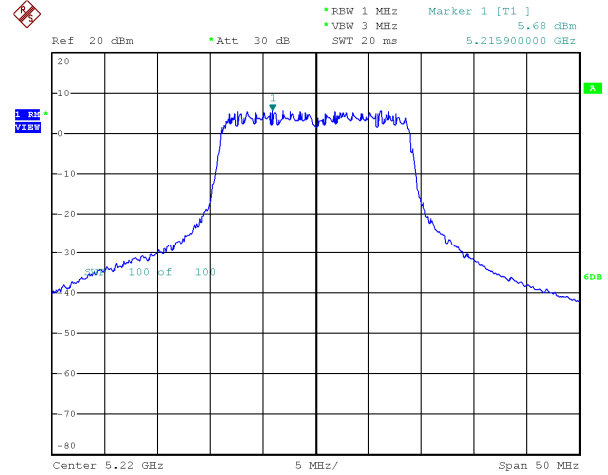


CH48

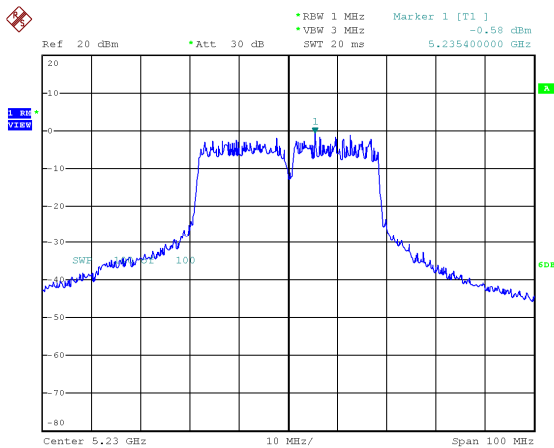


CH48

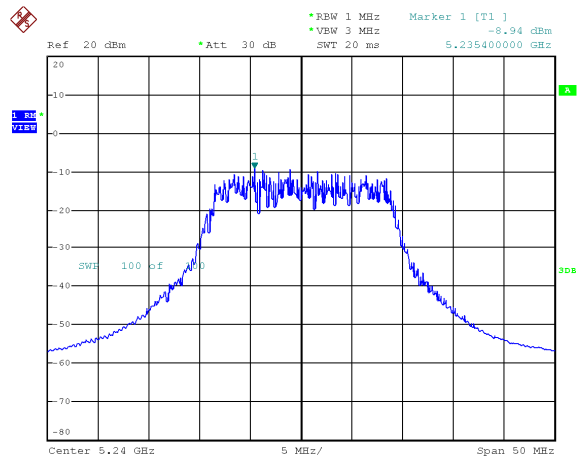
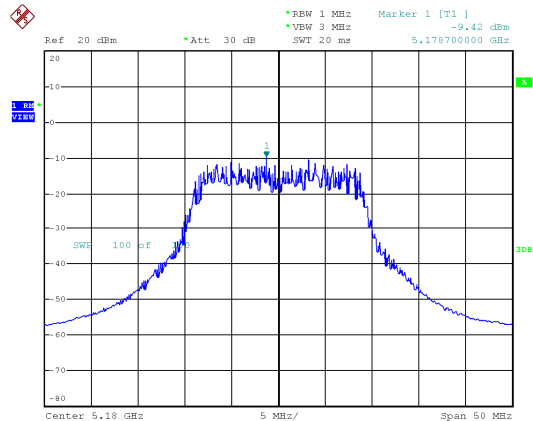
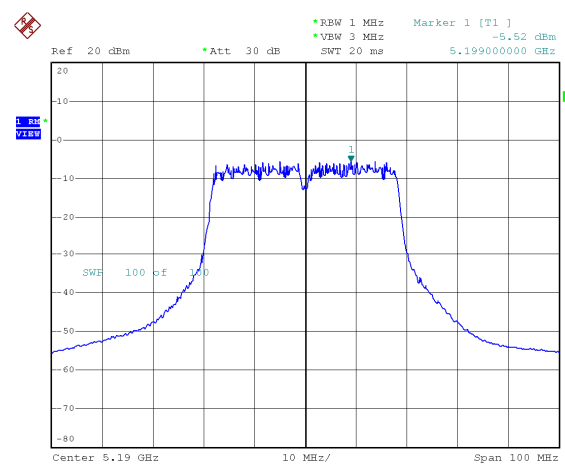


Modulation Standard: 802.11an HT40 (40.5Mbps)
CH38Modulation Standard: 802.11ac VHT20 (6.5Mbps)
CH44

CH46

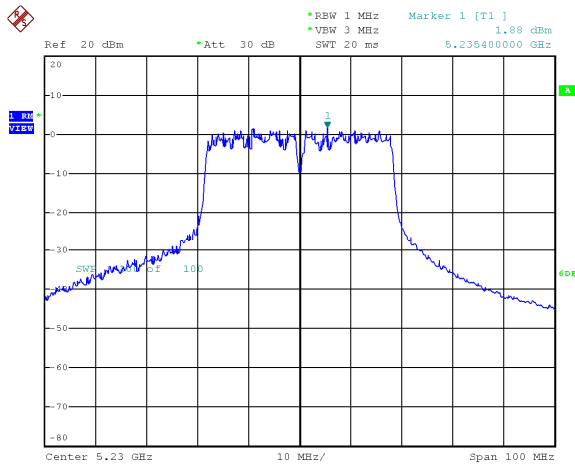


CH48

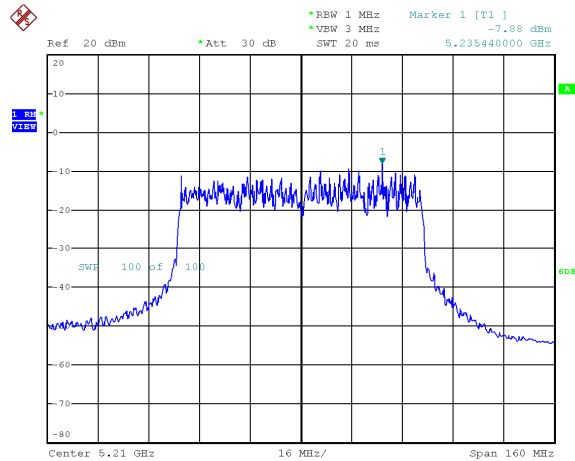
Modulation Standard: 802.11ac VHT20 (6.5Mbps)
CH36Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH38



Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH46



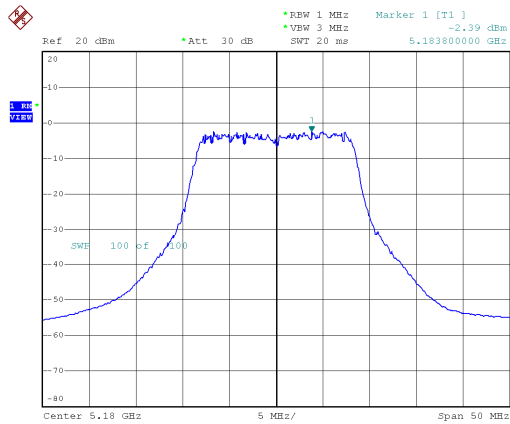
Modulation Standard: 802.11ac VHT80 (29.3Mbps)
CH42



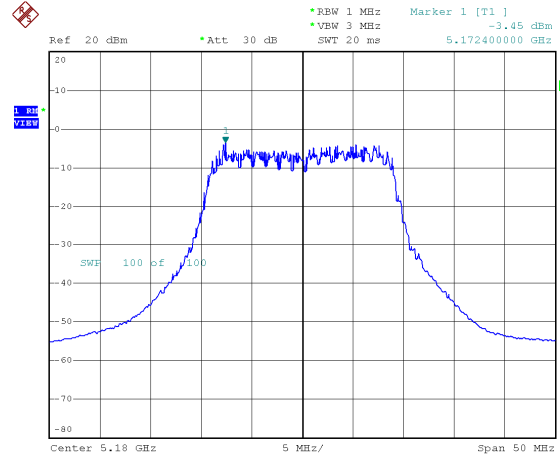


Antenna 2

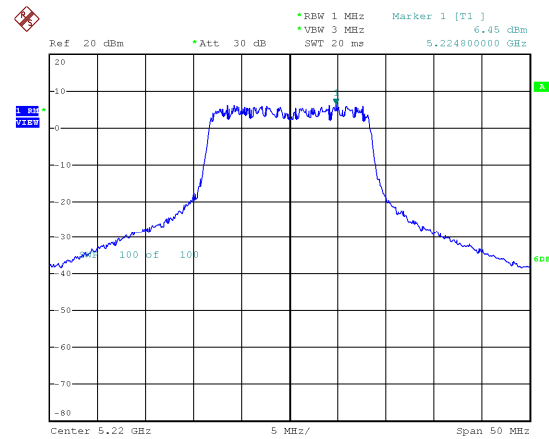
Modulation Standard: 802.11a (6Mbps)
CH36



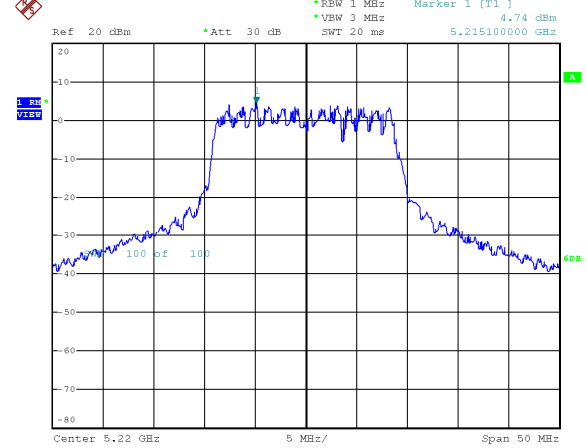
Modulation Standard: 802.11an HT20 (19.5Mbps)
CH36



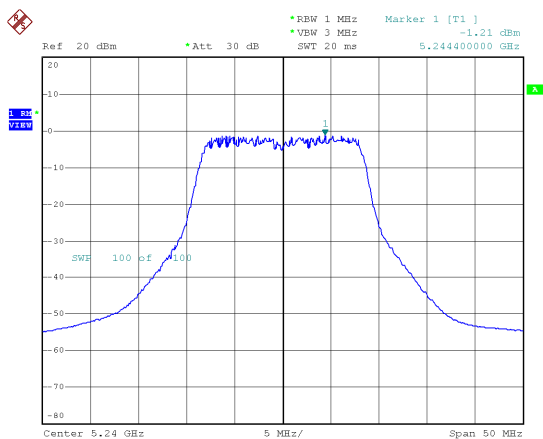
CH44



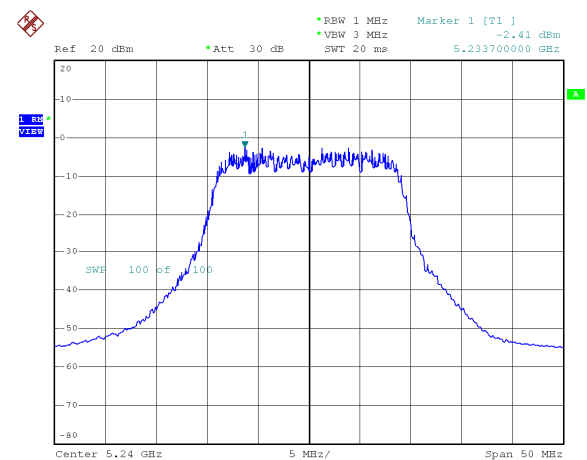
CH44

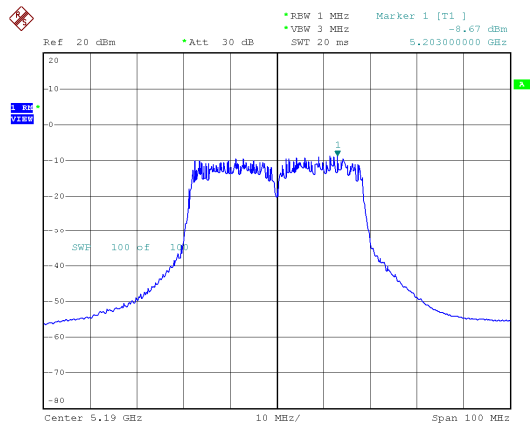
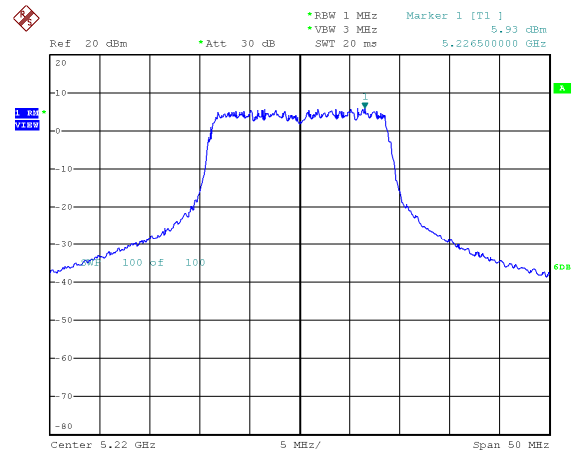


CH48

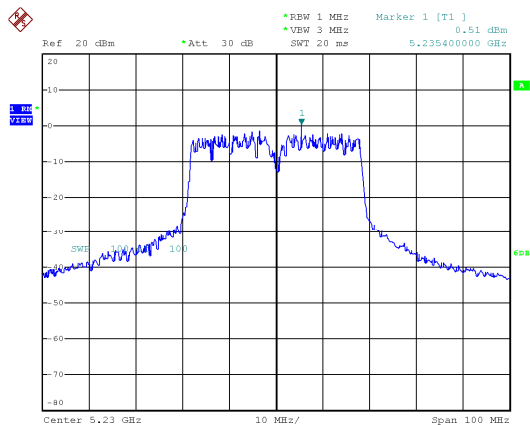


CH48

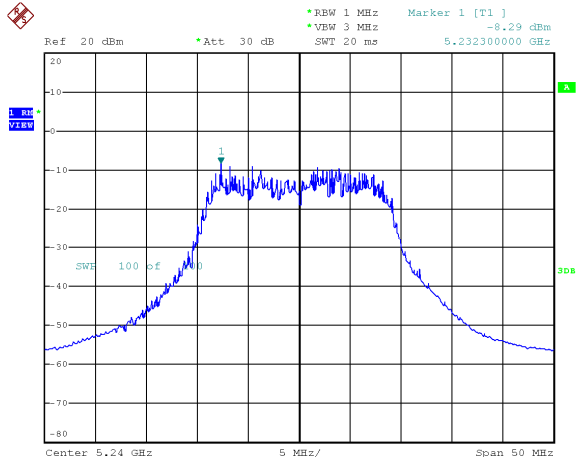
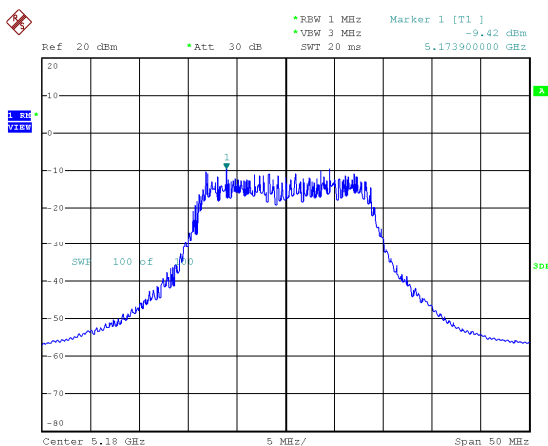
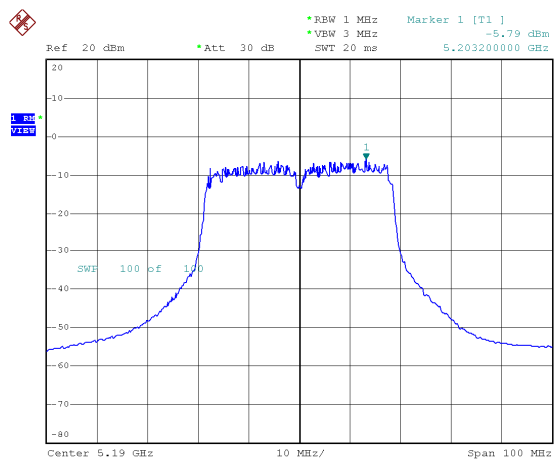


Modulation Standard: 802.11an HT40 (40.5Mbps)
CH38Modulation Standard: 802.11ac VHT20 (6.5Mbps)
CH44

CH46

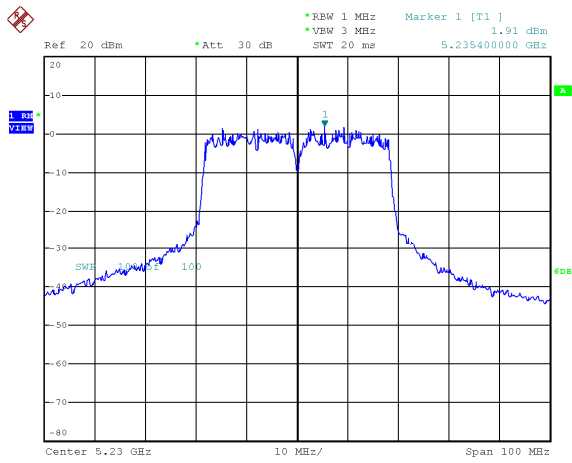


CH48

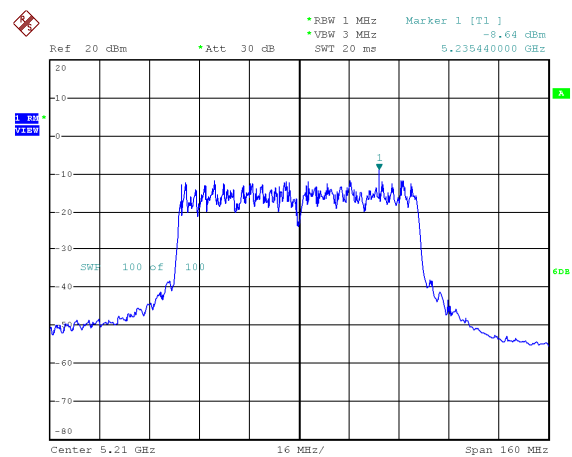
Modulation Standard: 802.11ac VHT20 (6.5Mbps)
CH36Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH38



Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH46



Modulation Standard: 802.11ac VHT80 (29.3Mbps)
CH42



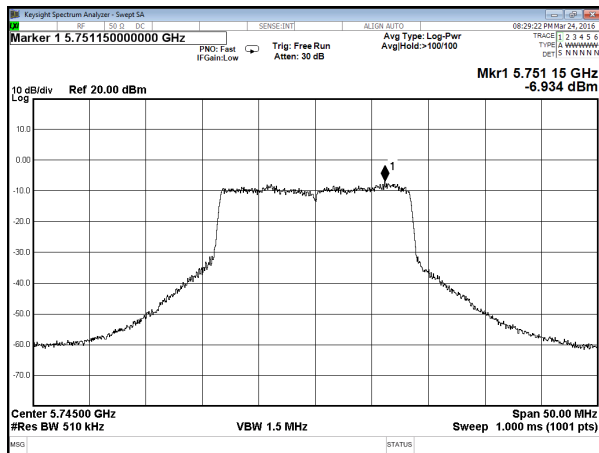


5.8G Band

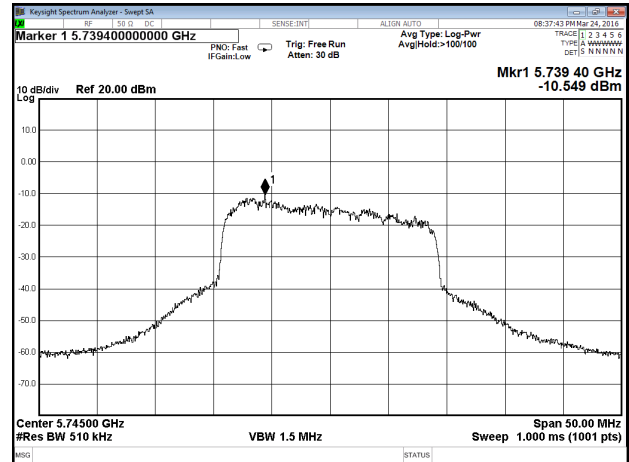
Antenna 0

Modulation Standard: 802.11a (6Mbps)

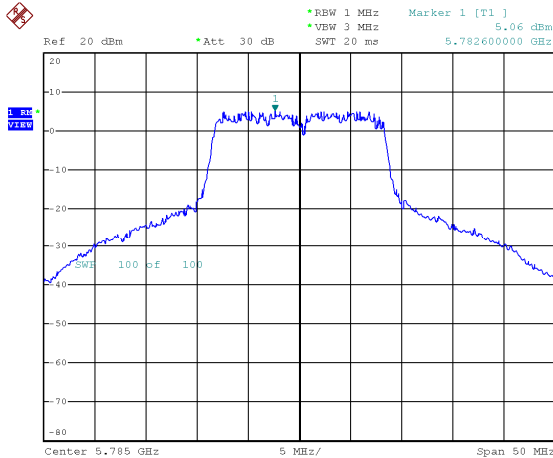
CH149



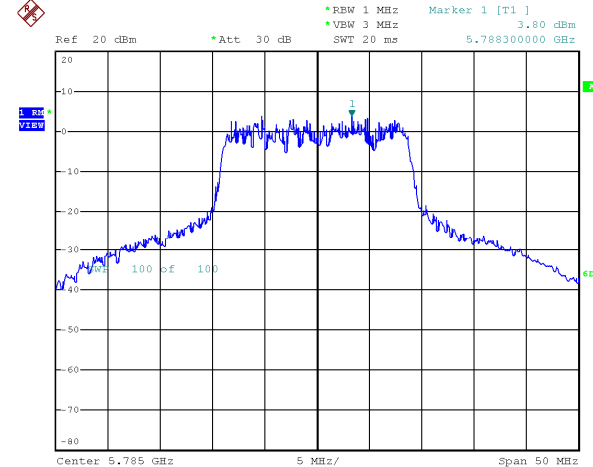
Modulation Standard: 802.11a, HT20 (19.5Mbps)
CH149



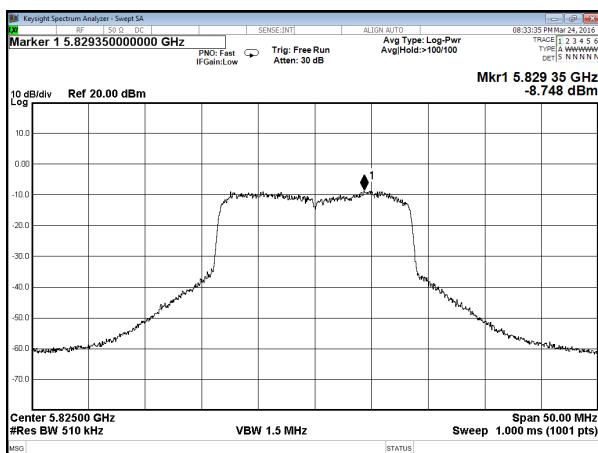
CH157



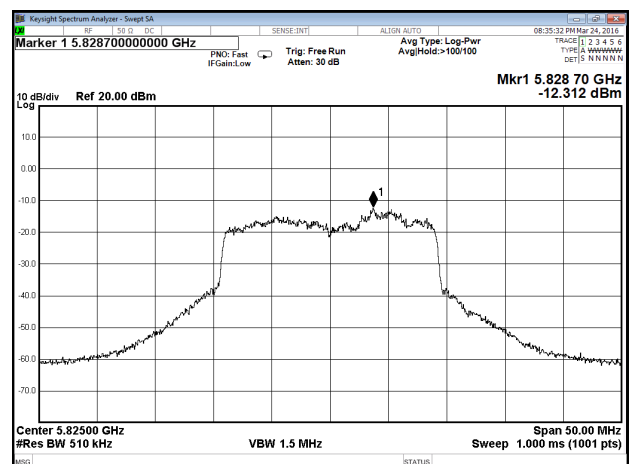
CH157

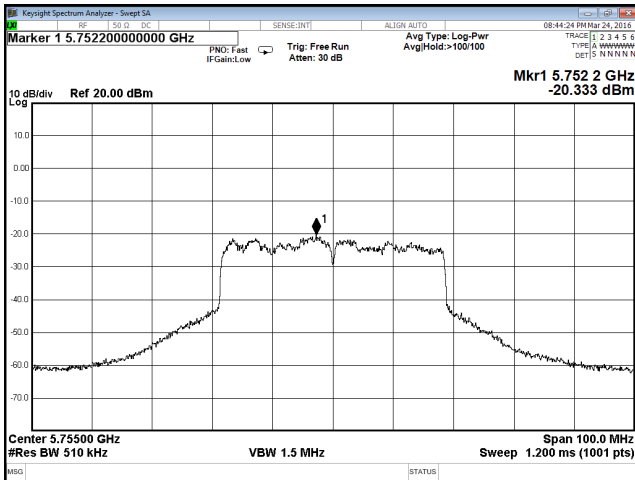
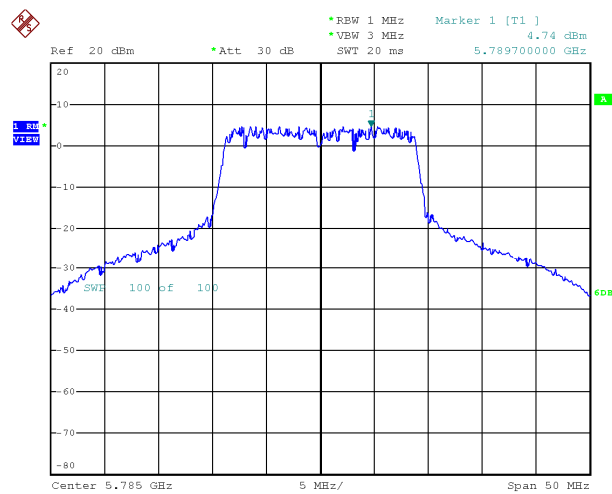


CH165

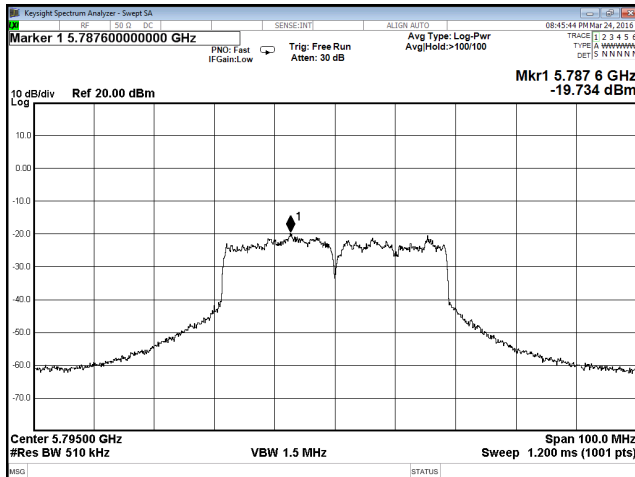


CH165

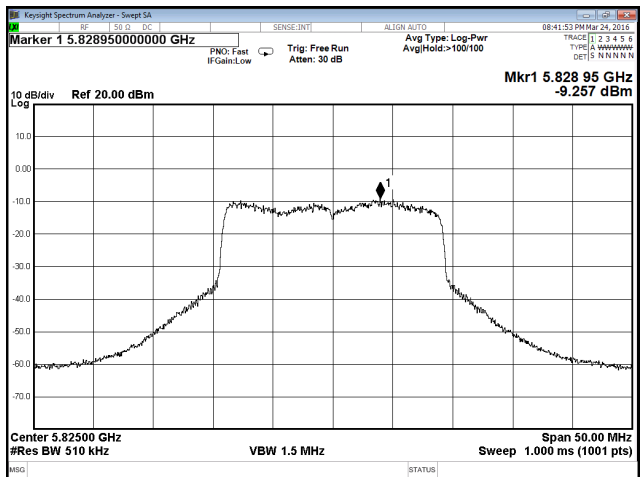
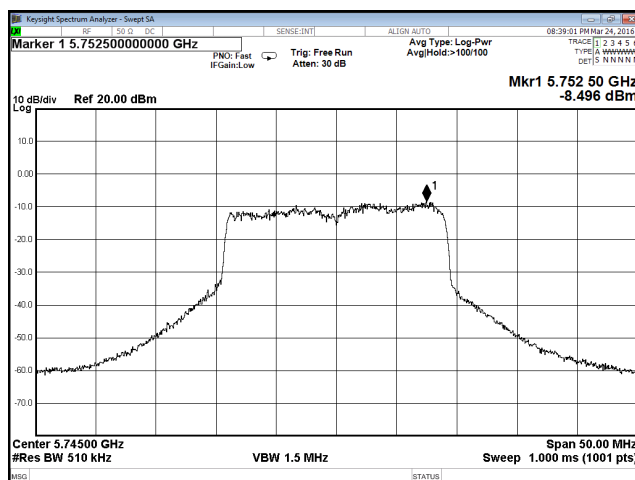
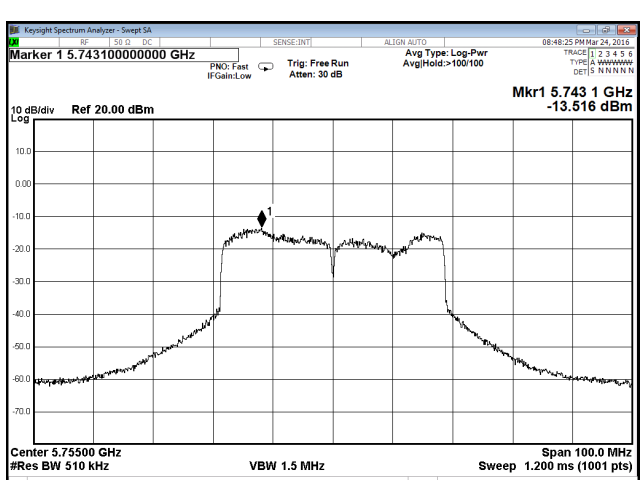


Modulation Standard: 802.11an, HT40 (40.5Mbps)
CH151Modulation Standard: 802.11ac, VHT20 (6.5Mbps)
CH157

CH159

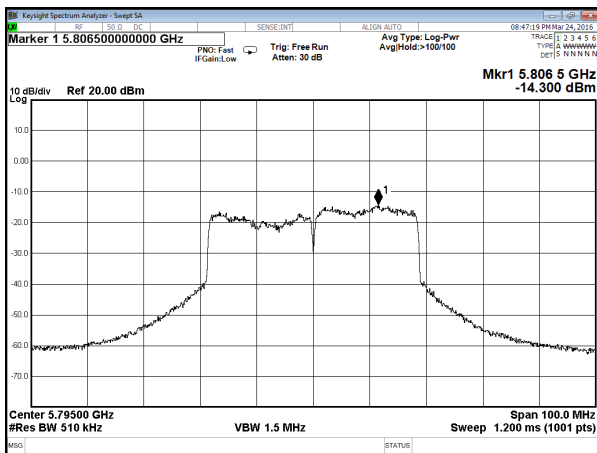


CH165

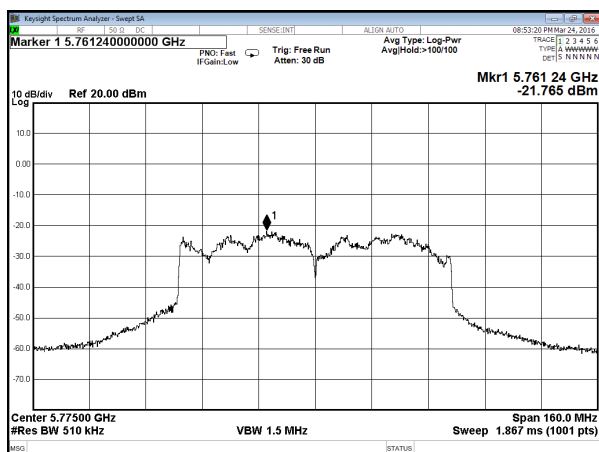
Modulation Standard: 802.11ac, VHT20 (6.5Mbps)
CH149Modulation Standard: 802.11ac, VHT40 (13.5Mbps)
CH151



Modulation Standard: 802.11ac, VHT40 (13.5Mbps)
CH159



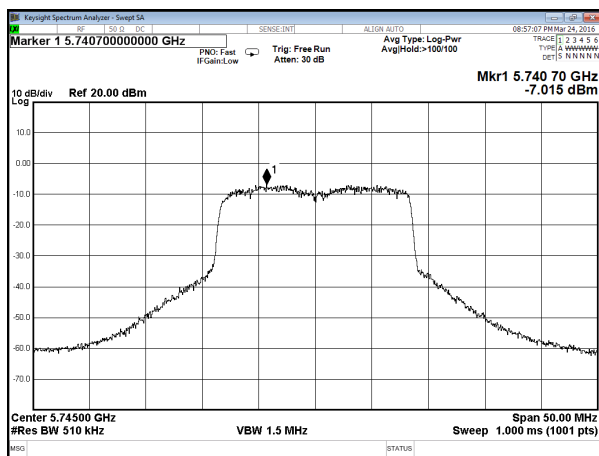
Modulation Standard: 802.11ac, VHT80 (29.3Mbps)
CH155



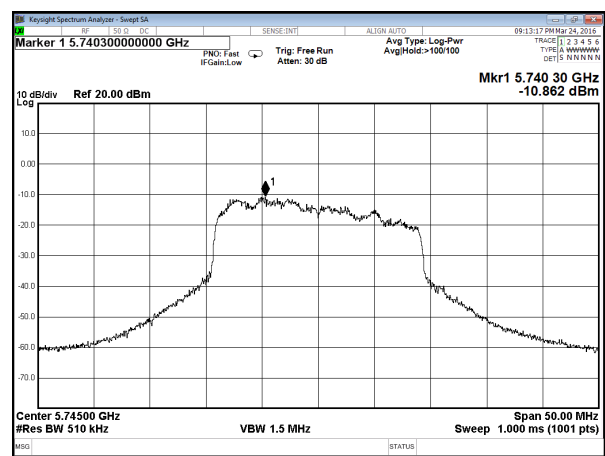


Antenna 1

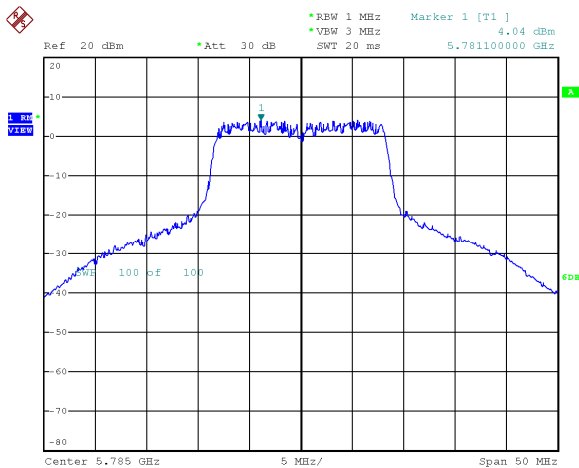
Modulation Standard: 802.11a (6Mbps)
CH149



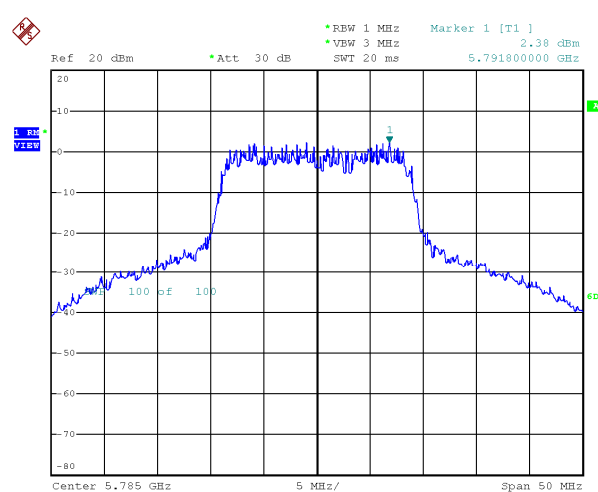
Modulation Standard: 802.11an, HT20 (19.5Mbps)
CH149



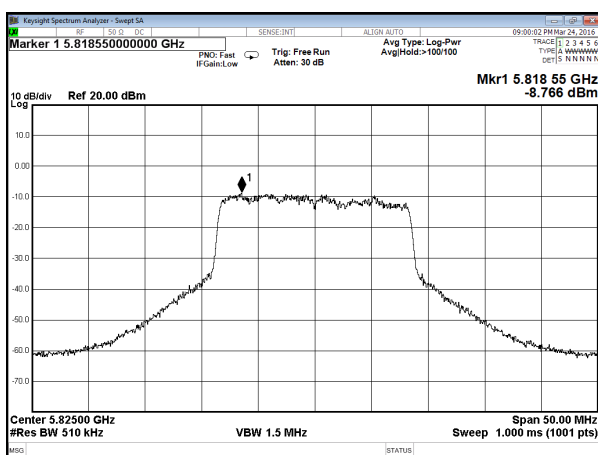
CH157



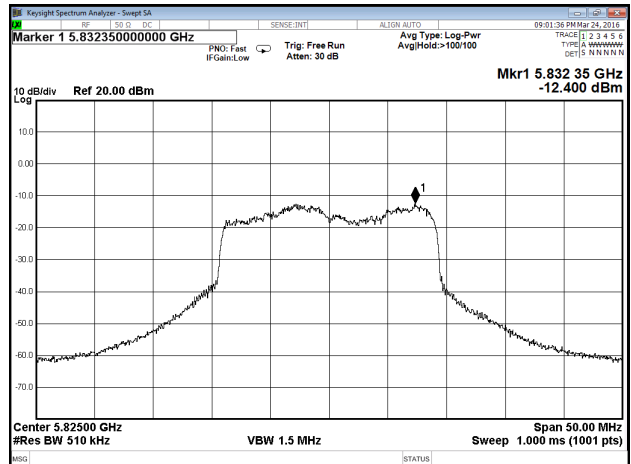
CH157

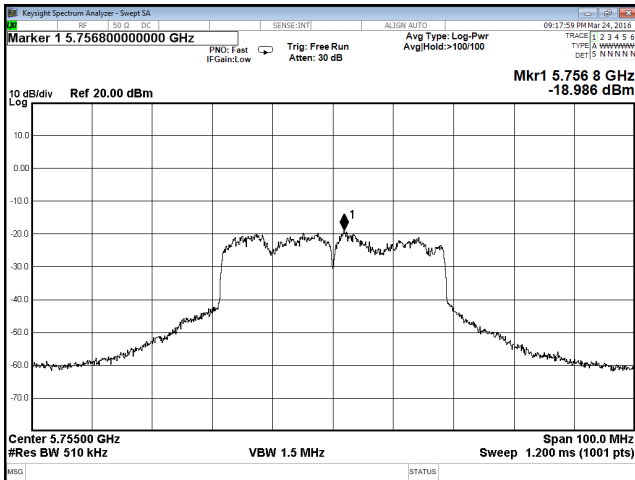
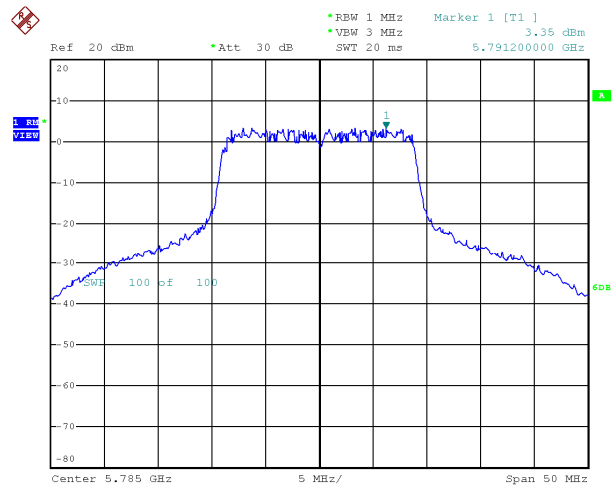


CH165

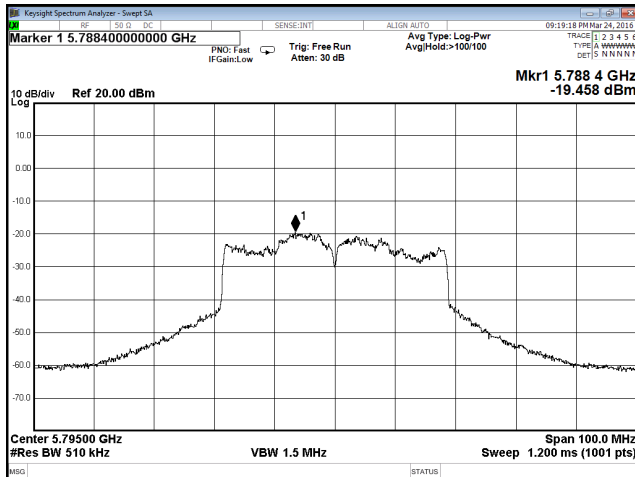


CH165

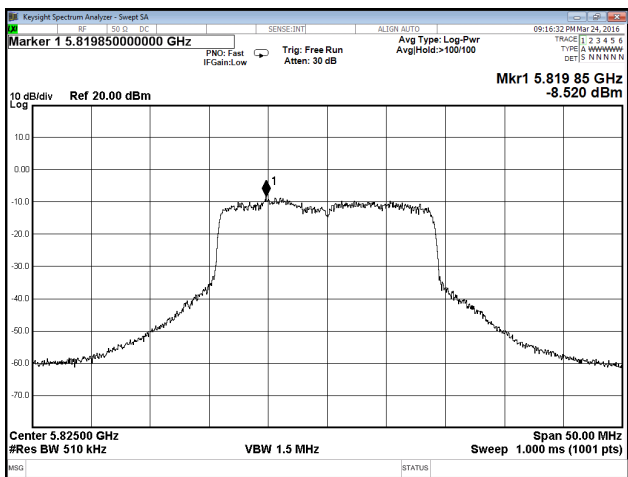
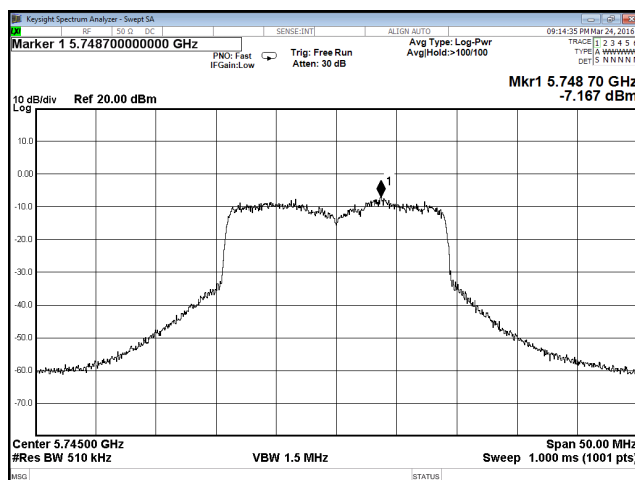
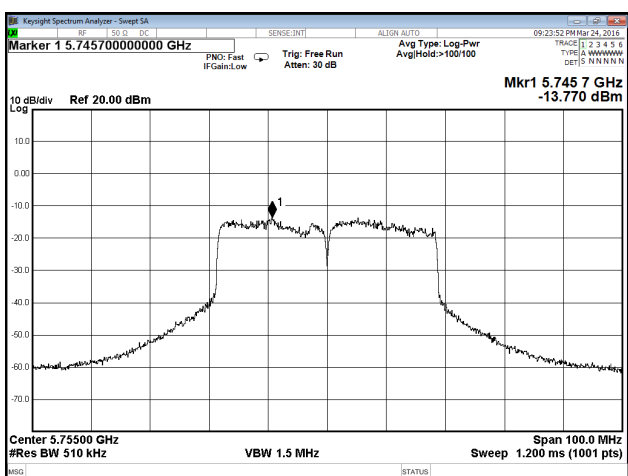


Modulation Standard: 802.11an, HT40 (40.5Mbps)
CH151Modulation Standard: 802.11ac, VHT20 (6.5Mbps)
CH157

CH159

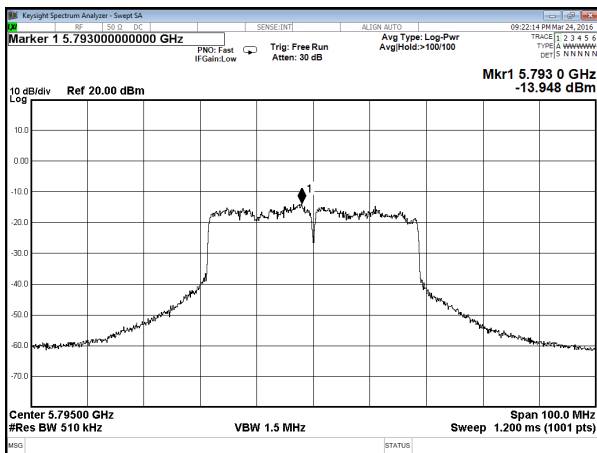


CH165

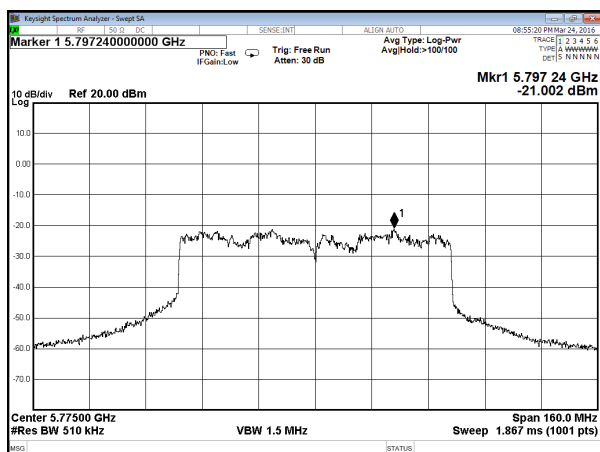
Modulation Standard: 802.11ac, VHT20 (6.5Mbps)
CH149Modulation Standard: 802.11ac, VHT40 (13.5Mbps)
CH151



Modulation Standard: 802.11ac, VHT40 (13.5Mbps)
CH159



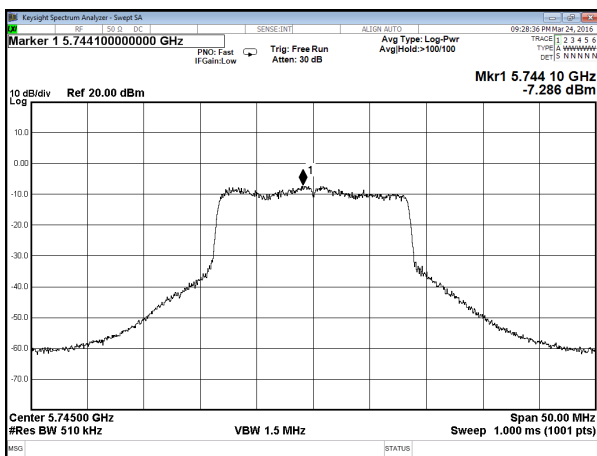
Modulation Standard: 802.11ac, VHT80 (29.3Mbps)
CH155



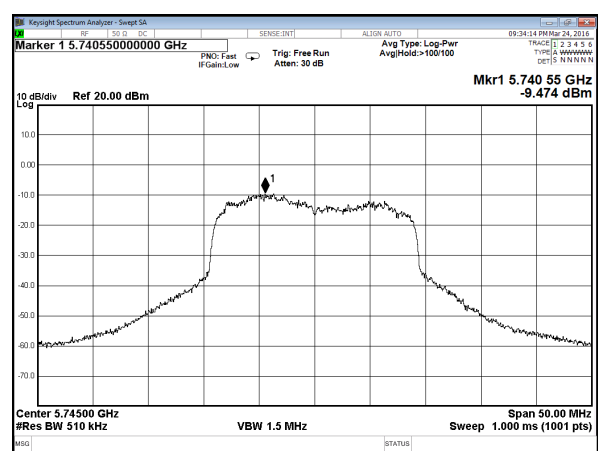


Antenna 2

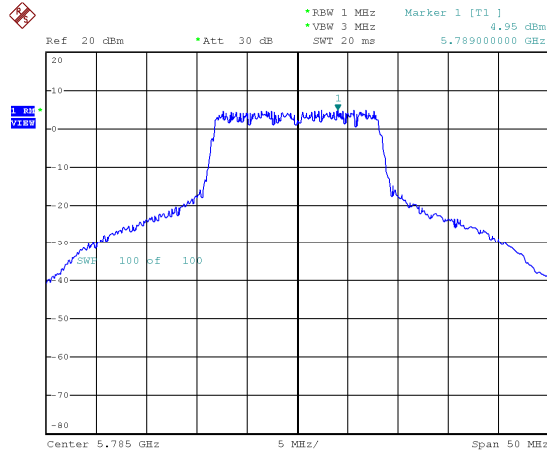
Modulation Standard: 802.11a (6Mbps)
CH149



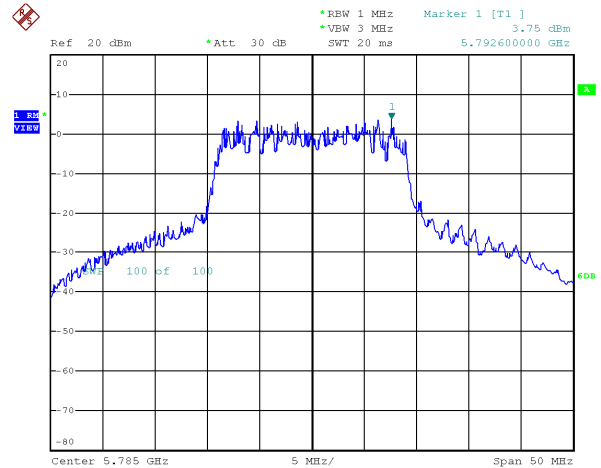
Modulation Standard: 802.11an, HT20 (19.5Mbps)
CH149



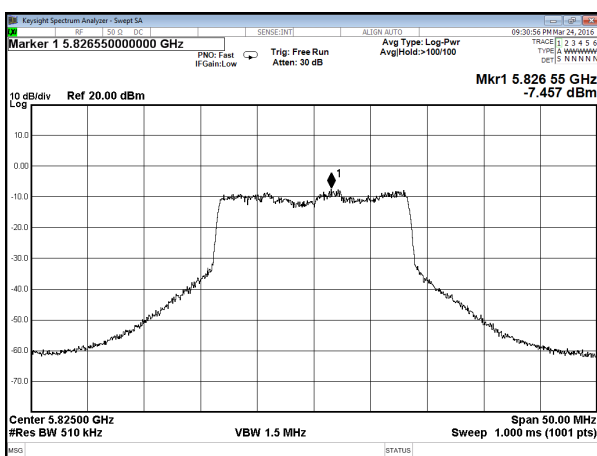
CH157



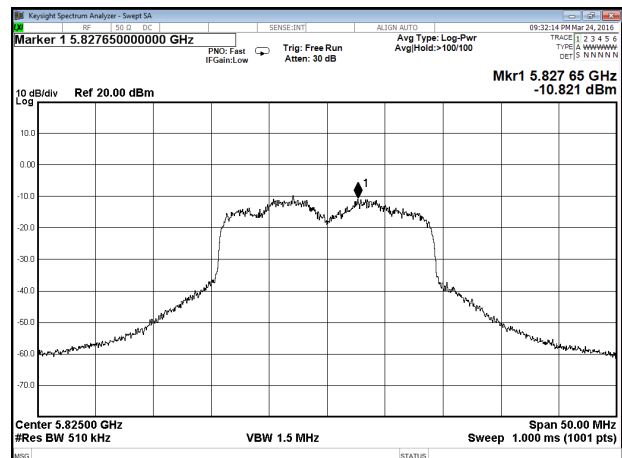
CH157

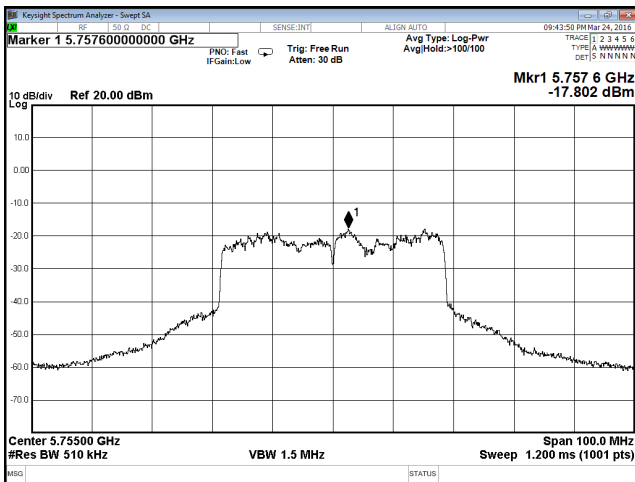
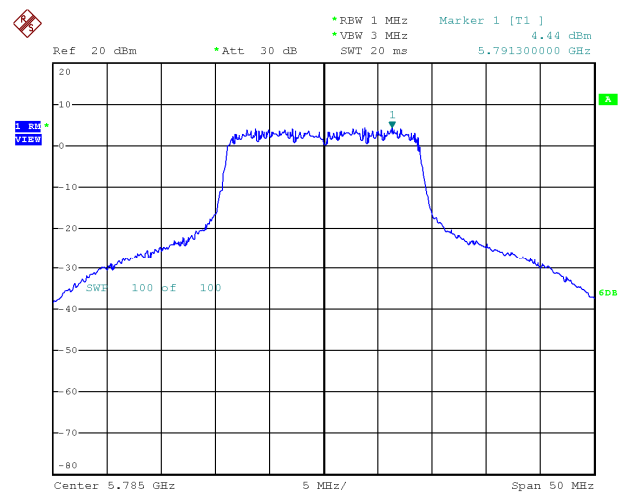


CH165

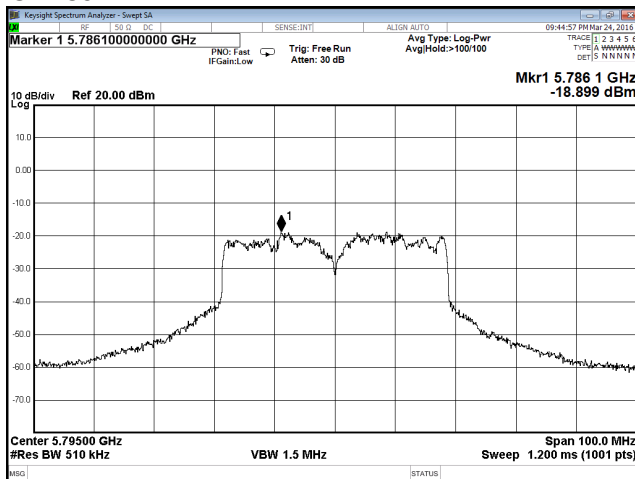


CH165

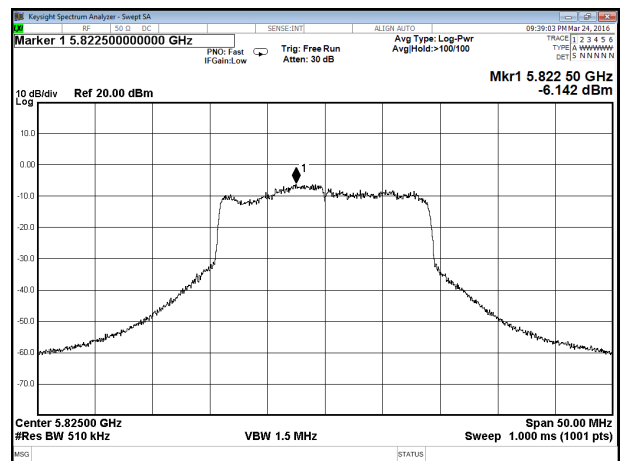
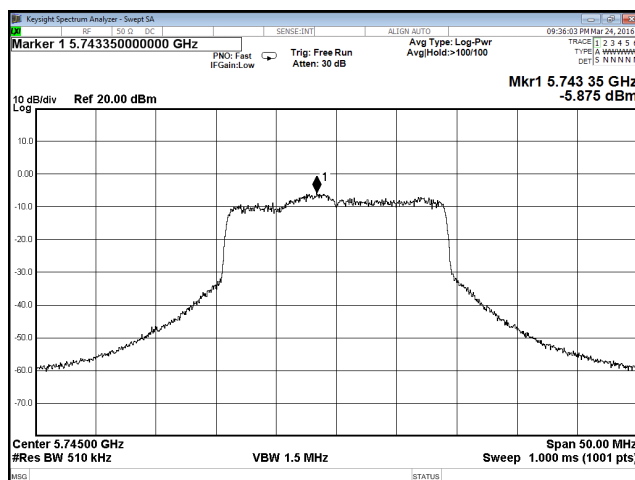
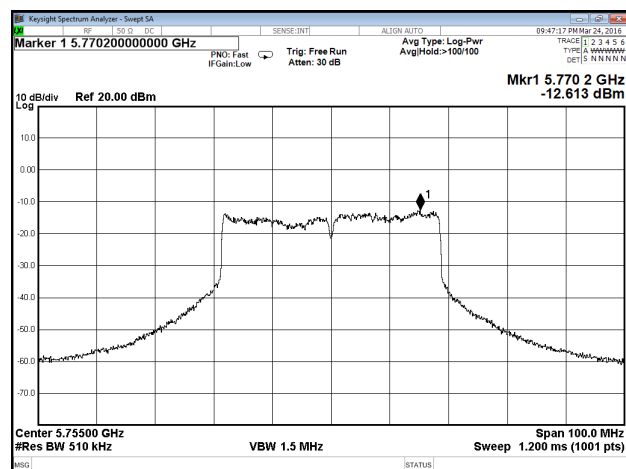


Modulation Standard: 802.11an, HT40 (40.5Mbps)
CH151Modulation Standard: 802.11ac, VHT20 (6.5Mbps)
CH157

CH159

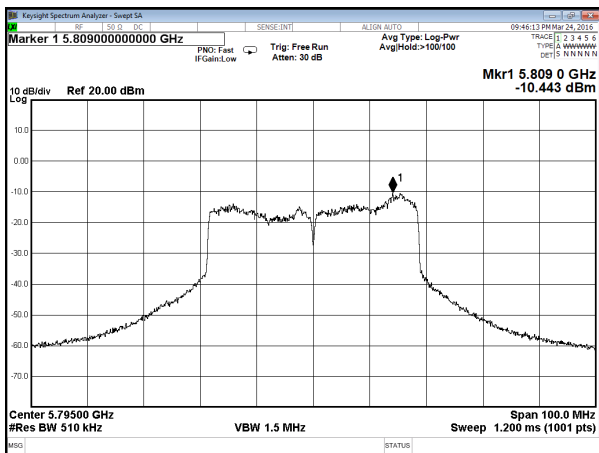


CH165

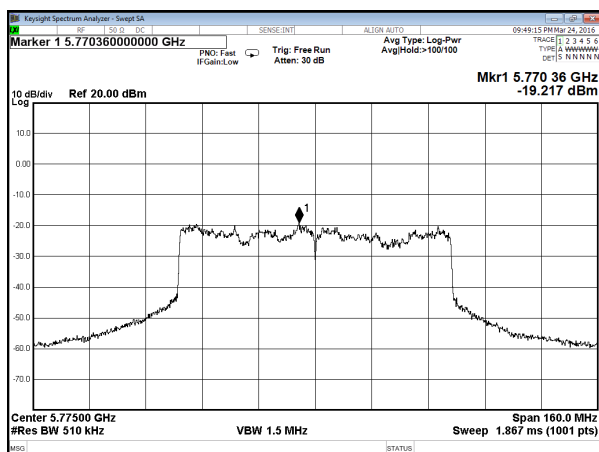
Modulation Standard: 802.11ac, VHT20 (6.5Mbps)
CH149Modulation Standard: 802.11ac, VHT40 (13.5Mbps)
CH151



Modulation Standard: 802.11ac, VHT40 (13.5Mbps)
CH159



Modulation Standard: 802.11ac, VHT80 (29.3Mbps)
CH155



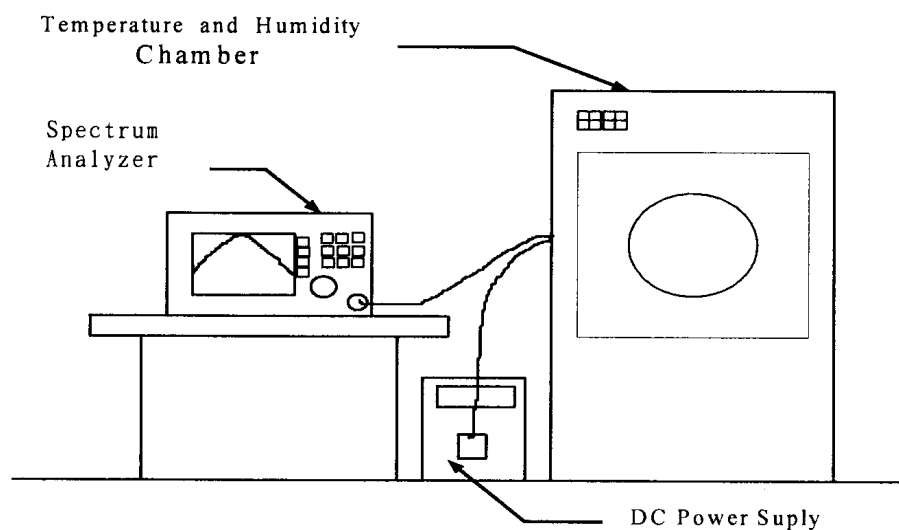


12. Frequency Stability

12.1. Test Procedure

1. The EUT was placed inside the Temperature and Humidity chamber.
2. The transmitter output was connected to spectrum analyzer.
3. Turn the EUT on and couple its output to a spectrum analyzer.
4. Turn the EUT off and set the chamber to the highest temperature specified.
5. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 minutes.
6. Repeat step 2 and 3 with the temperature chamber set to the lowest temperature.
7. The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

12.2. Test Setup Layout





12.3. Test Result and Data

Test Date: May 12, 2016

Temperature: 25°C

Atmospheric pressure: 1016 hPa

Humidity: 56%

Operating frequency: 5240 MHz							
Temp	Power supply	2 minute		5 minute		10 minute	
(°C)	(V)	(MHz)	(%)	(MHz)	(%)	(MHz)	(%)
55	102	5239.9517	-0.000922	5239.6745	-0.006212	5239.9591	-0.000781
	120	5239.9878	-0.000232	5239.4609	-0.010288	5239.3420	-0.012558
	138	5239.1706	-0.015829	5239.7164	-0.005412	5239.3800	-0.011831
40	102	5239.7050	-0.005629	5239.8274	-0.003293	5239.9658	-0.000652
	120	5239.5008	-0.009528	5239.6549	-0.006585	5239.6506	-0.006668
	138	5239.3720	-0.011984	5239.3986	-0.011477	5239.5621	-0.008358
30	102	5239.4871	-0.009788	5239.0909	-0.017349	5239.5101	-0.009350
	120	5239.2092	-0.015092	5239.1107	-0.016971	5239.5234	-0.009095
	138	5239.9891	-0.000208	5239.7809	-0.004181	5239.9447	-0.001055
20	102	5239.6748	-0.006207	5239.1630	-0.015974	5239.2178	-0.014928
	120	5239.5741	-0.008127	5239.1559	-0.016109	5239.5465	-0.008654
	138	5239.8608	-0.002656	5239.4638	-0.010234	5239.9312	-0.001313
10	102	5239.9008	-0.001894	5239.8538	-0.002790	5239.8163	-0.003505
	120	5239.6013	-0.007608	5239.6538	-0.006608	5239.1536	-0.016153
	138	5239.6319	-0.007025	5239.8241	-0.003356	5239.9559	-0.000842
0	102	5239.9319	-0.001299	5239.3970	-0.011508	5239.9505	-0.000945
	120	5239.1122	-0.016943	5239.7412	-0.004939	5239.0088	-0.018917
	138	5239.9342	-0.001256	5239.7446	-0.004873	5239.4890	-0.009751
-10	102	5239.1636	-0.015962	5239.5444	-0.008695	5239.3172	-0.013031
	120	5239.3939	-0.011567	5239.8788	-0.002313	5239.6455	-0.006765
	138	5239.3910	-0.011622	5239.1834	-0.015585	5239.7359	-0.005040
-20	102	5239.0565	-0.018005	5239.7590	-0.004600	5239.1212	-0.016772
	120	5239.4370	-0.010745	5239.5032	-0.009482	5239.8569	-0.002732
	138	5239.6150	-0.007348	5239.6440	-0.006795	5239.4677	-0.010158
-30	102	5239.6252	-0.007153	5239.5658	-0.008286	5239.7004	-0.005718
	120	5239.4259	-0.010957	5239.5037	-0.009472	5239.0153	-0.018791
	138	5239.1842	-0.015568	5239.6597	-0.006495	5239.2270	-0.014751

Limit:

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.



13. Automatically Discontinue Transmission

13.1. Limit of Automatically Discontinue Transmission

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

13.2. Test Result of Automatically Discontinue Transmission

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.