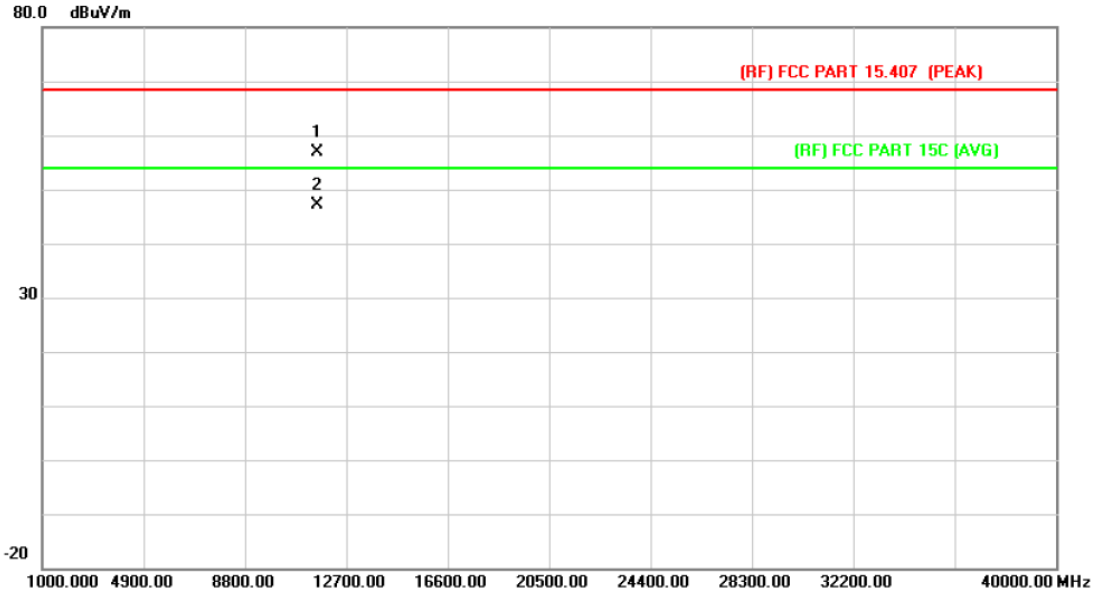
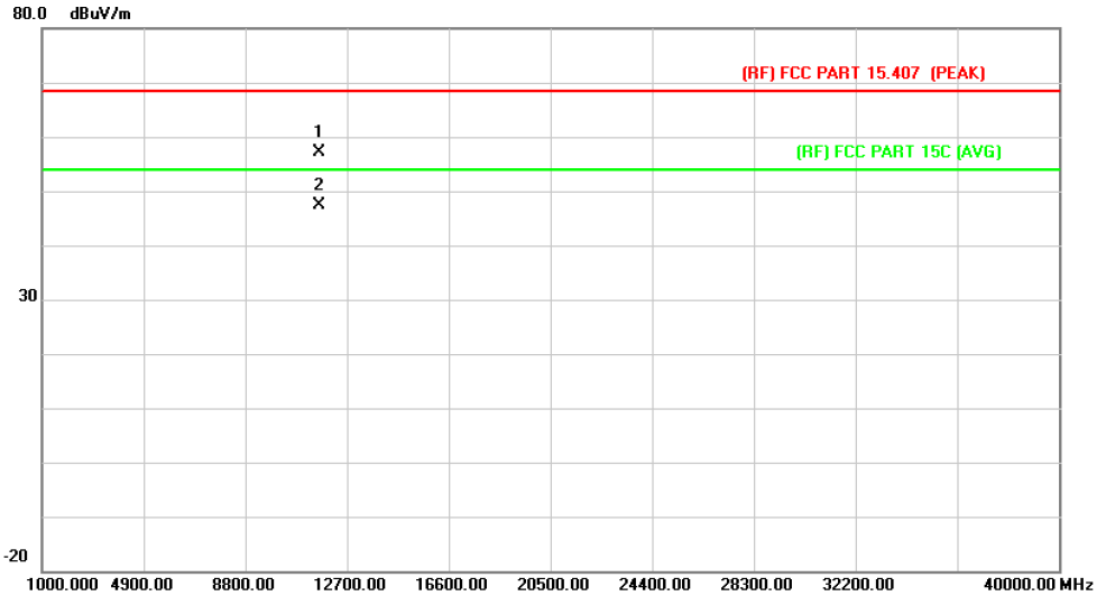
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode 5785MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11570.531	35.02	21.88	56.90	68.30	-11.40	peak
2	*	11570.531	25.19	21.88	47.07	54.00	-6.93	AVG

Emission Level= Read Level+ Correct Factor

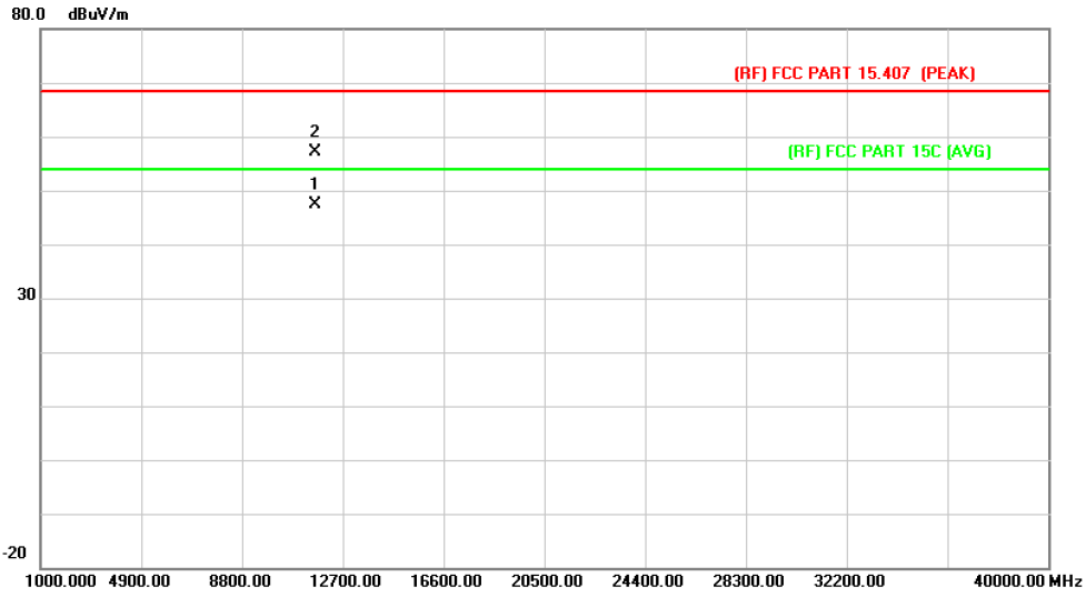
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT20) Mode 5825MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11650.279	35.13	21.96	57.09	68.30	-11.21	peak
2	*	11650.279	25.39	21.96	47.35	54.00	-6.65	AVG

Emission Level= Read Level+ Correct Factor

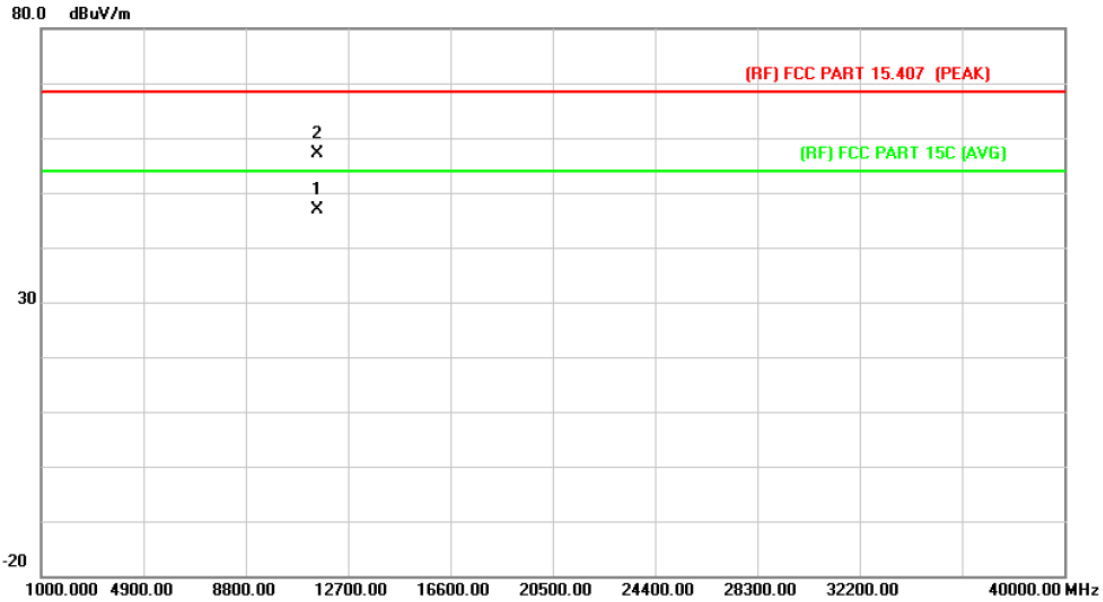
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode 5825MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11650.231	25.39	21.96	47.35	54.00	-6.65	AVG
2		11650.294	35.19	21.96	57.15	68.30	-11.15	peak

Emission Level= Read Level+ Correct Factor

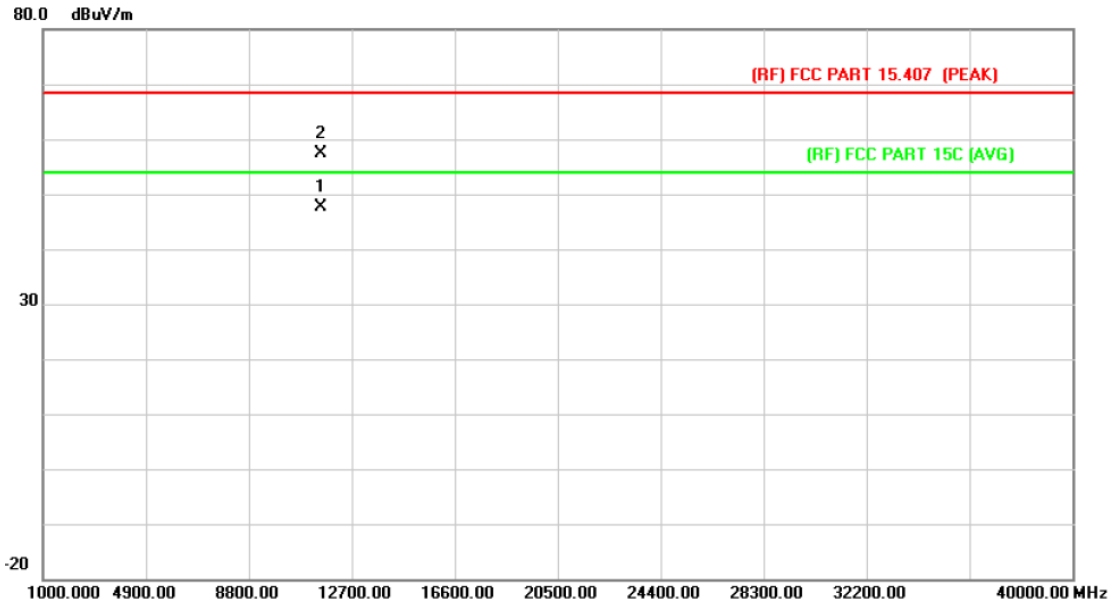
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT40) Mode 5755MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11510.165	25.13	21.82	46.95	54.00	-7.05	AVG
2		11510.392	35.32	21.82	57.14	68.30	-11.16	peak

Emission Level= Read Level+ Correct Factor

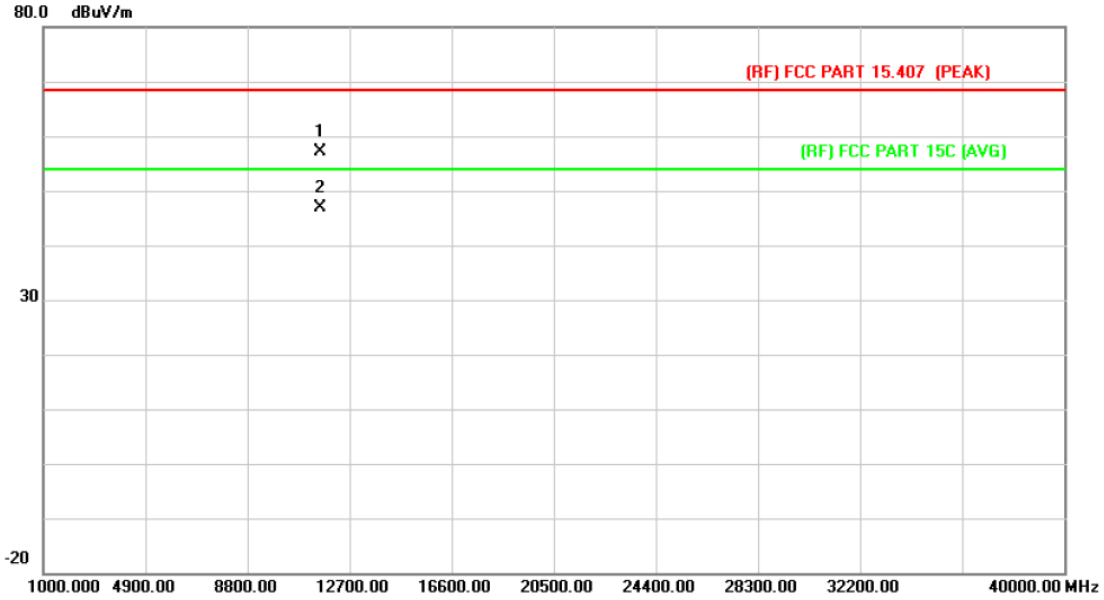
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT40) Mode 5755MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11510.129	25.90	21.82	47.72	54.00	-6.28	AVG
2		11510.623	35.46	21.82	57.28	68.30	-11.02	peak

Emission Level= Read Level+ Correct Factor

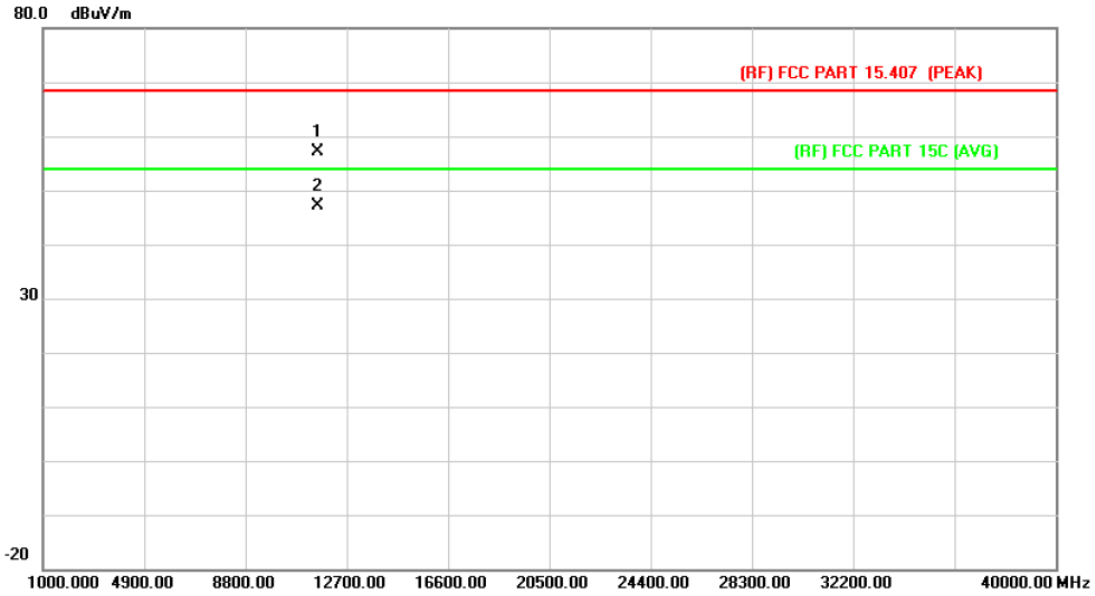
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT40) Mode 5795MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11590.031	35.12	21.90	57.02	68.30	-11.28	peak
2	*	11590.031	25.10	21.90	47.00	54.00	-7.00	AVG

Emission Level= Read Level+ Correct Factor

Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT40) Mode 5795MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



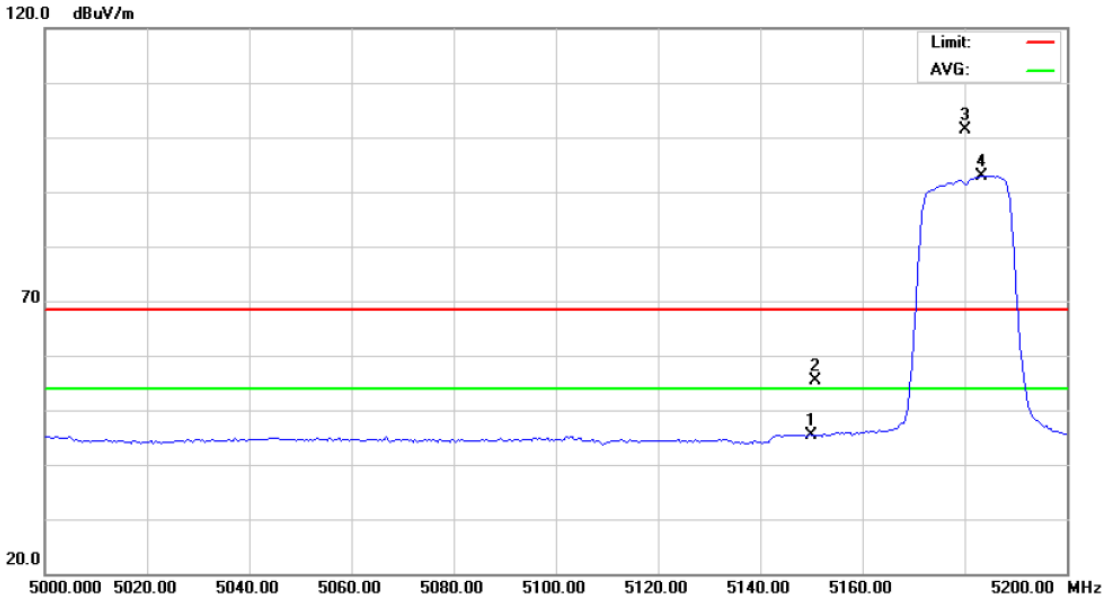
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11590.529	35.26	21.90	57.16	68.30	-11.14	peak
2	*	11590.529	25.12	21.90	47.02	54.00	-6.98	AVG

Emission Level= Read Level+ Correct Factor

Attachment C-- Restricted Bands Requirement and Band-edge Test Data

(1) Radiation Test

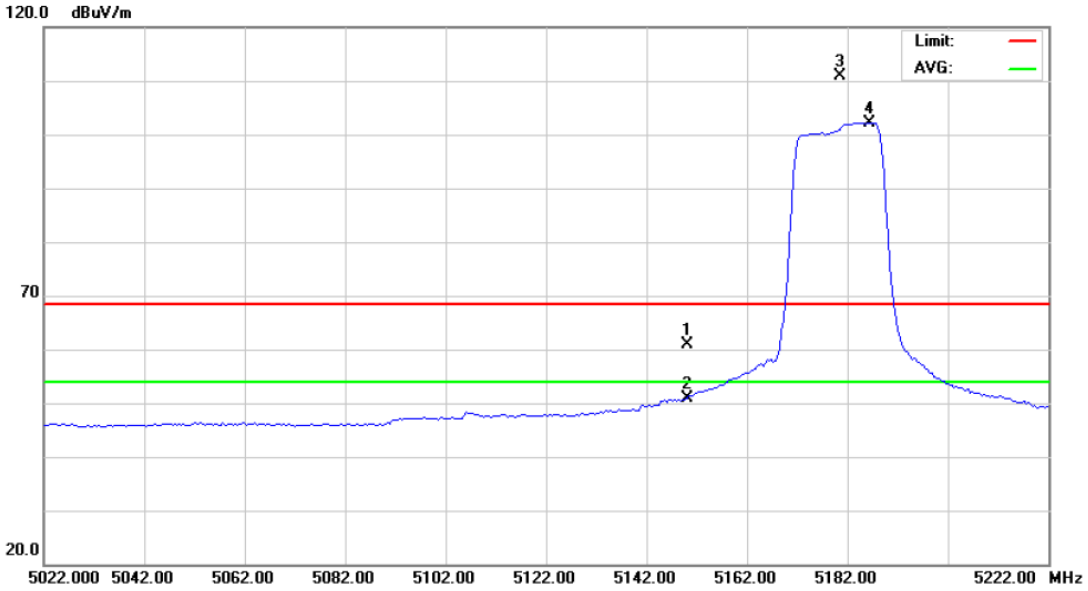
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5180 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5150.000	28.77	16.61	45.38	54.00	-8.62	AVG
2		5150.600	38.87	16.61	55.48	68.30	-12.82	peak
3	X	5180.000	84.63	16.65	101.28	Fundamental Frequency		peak
4	*	5183.200	76.19	16.65	92.84	Fundamental Frequency		AVG

Emission Level= Read Level+ Correct Factor

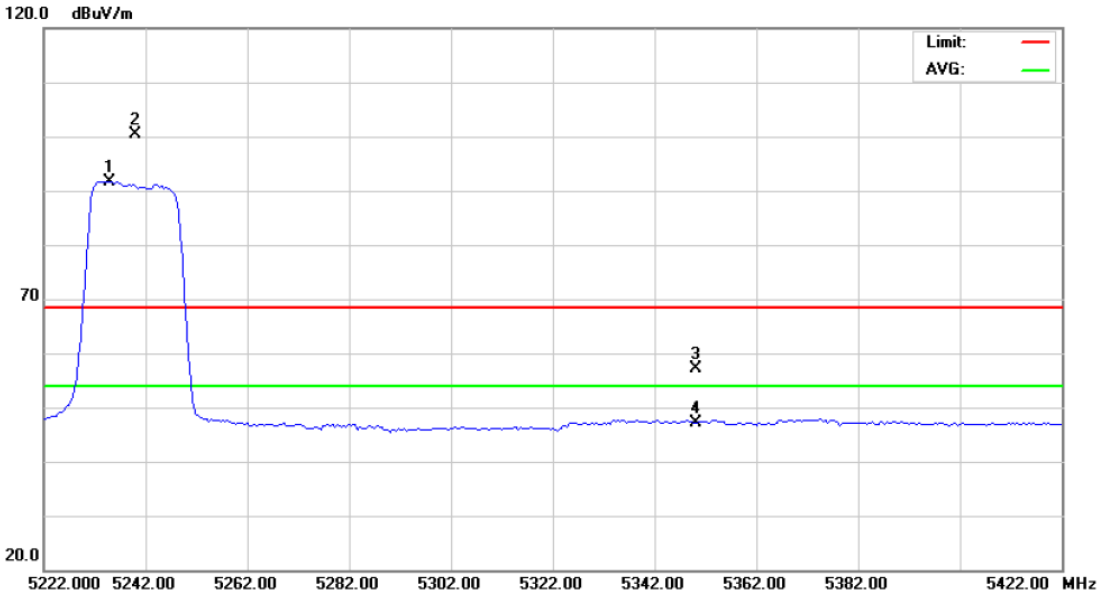
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5180 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5150.000	44.17	16.61	60.78	68.30	-7.52	peak
2		5150.000	34.17	16.61	50.78	54.00	-3.22	AVG
3	X	5180.200	94.32	16.65	110.97	Fundamental Frequency		peak
4	*	5186.400	85.52	16.65	102.17	Fundamental Frequency		AVG

Emission Level= Read Level+ Correct Factor

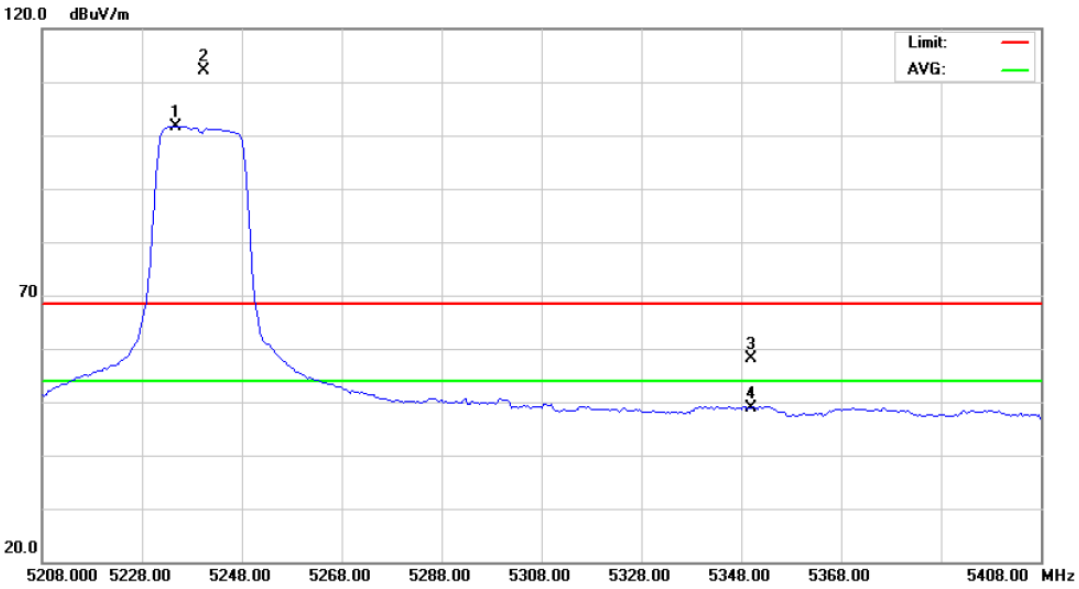
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5240 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5234.800	74.93	16.70	91.63	Fundamental Frequency		AVG
2	X	5240.200	83.55	16.72	100.27	Fundamental Frequency		peak
3		5350.000	40.39	16.83	57.22	68.30	-11.08	peak
4		5350.000	30.39	16.83	47.22	54.00	-6.78	AVG

Emission Level= Read Level+ Correct Factor

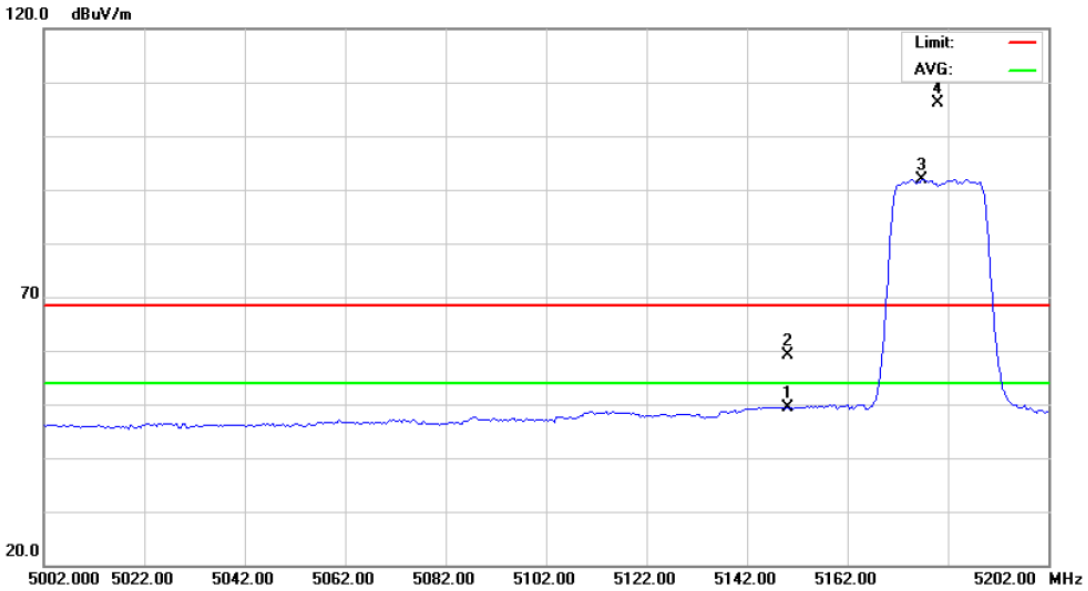
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5240 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5234.800	84.95	16.70	101.65	Fundamental Frequency		AVG
2	X	5240.300	95.31	16.71	112.02	Fundamental Frequency		peak
3		5350.000	41.30	16.83	58.13	68.30	-10.17	peak
4		5350.000	32.14	16.83	48.97	54.00	-5.03	AVG

Emission Level= Read Level+ Correct Factor

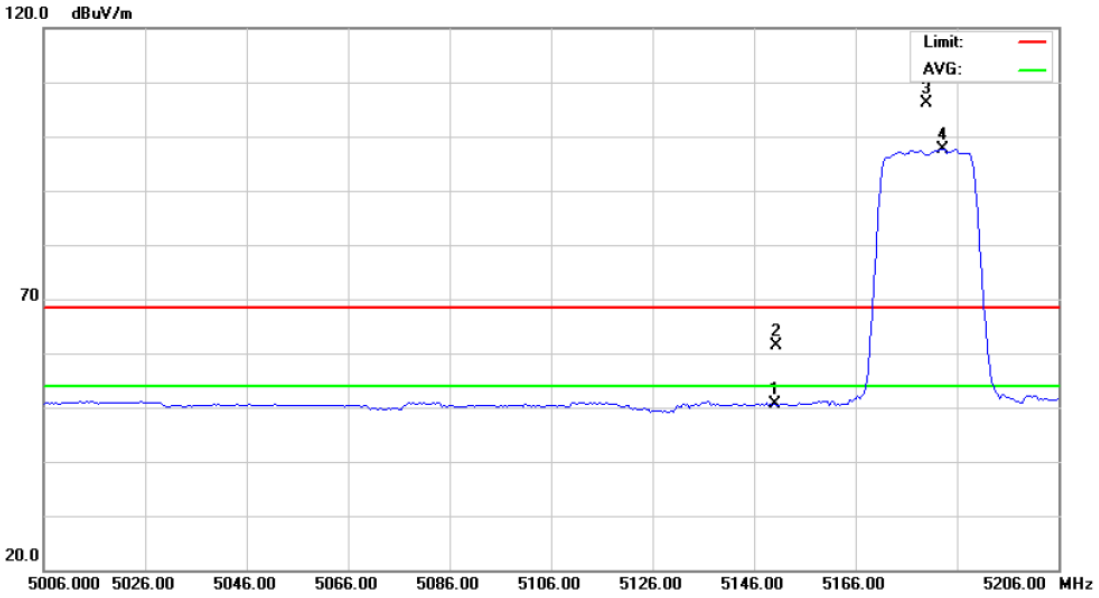
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT20) Mode 5180 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5150.000	32.70	16.61	49.31	54.00	-4.69	AVG
2		5150.300	42.61	16.61	59.22	68.30	-9.08	peak
3	*	5176.800	75.22	16.64	91.86	Fundamental Frequency		AVG
4	X	5180.000	89.44	16.65	106.09	Fundamental Frequency		peak

Emission Level= Read Level+ Correct Factor

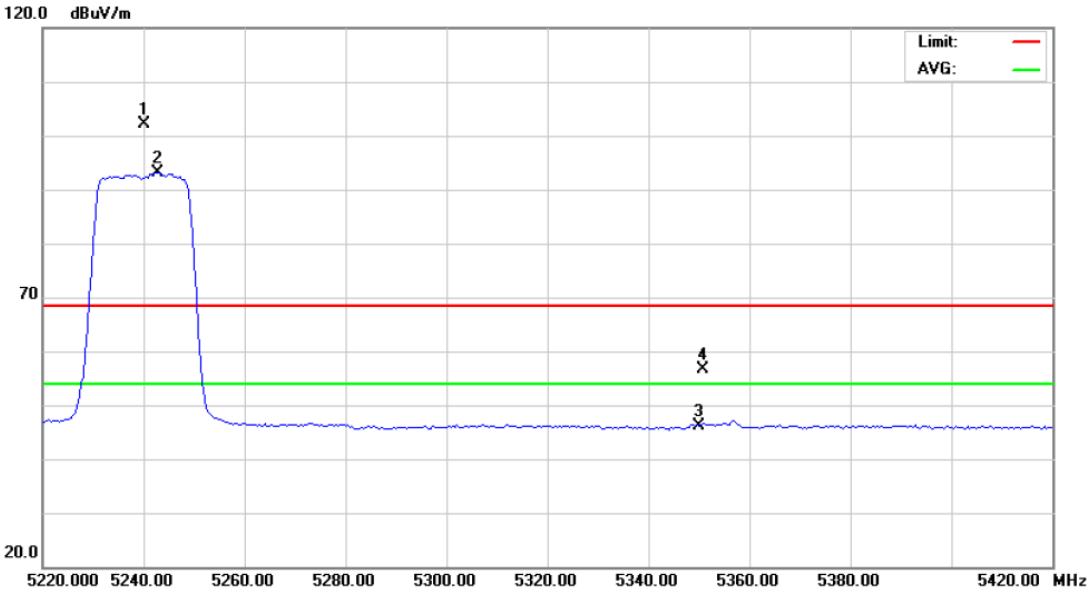
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode 5180 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5150.000	33.94	16.61	50.55	54.00	-3.45	AVG
2		5150.600	44.80	16.61	61.41	68.30	-6.89	peak
3	X	5180.000	89.41	16.65	106.06	Fundamental Frequency		peak
4	*	5183.200	80.98	16.65	97.63	Fundamental Frequency		AVG

Emission Level= Read Level+ Correct Factor

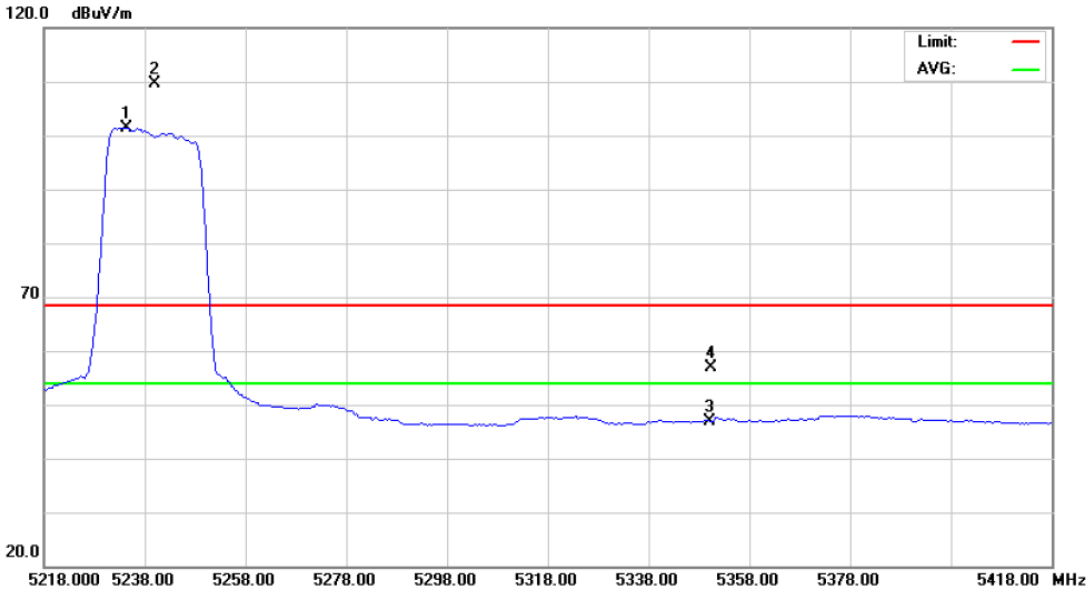
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT20) Mode 5240 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	X	5240.000	85.31	16.72	102.03	Fundamental Frequency		peak
2	*	5242.800	76.37	16.72	93.09	Fundamental Frequency		AVG
3		5350.000	29.29	16.83	46.12	54.00	-7.88	AVG
4		5350.500	39.70	16.83	56.53	68.30	-11.77	peak

Emission Level= Read Level+ Correct Factor

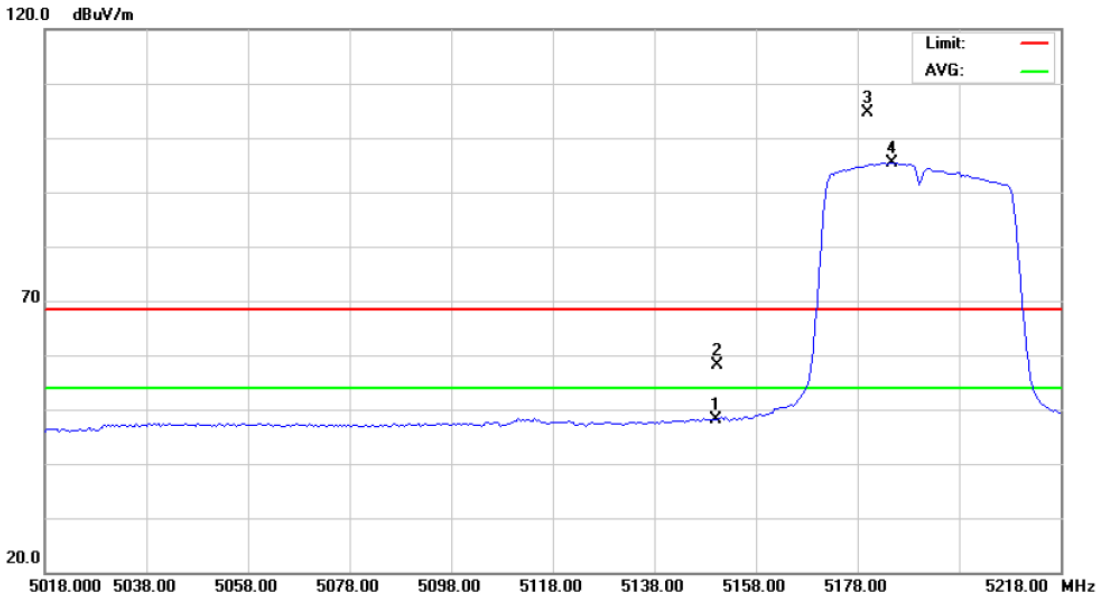
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode 5240 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5234.400	84.79	16.70	101.49	Fundamental Frequency		AVG
2	X	5240.000	92.97	16.71	109.68	Fundamental Frequency		peak
3		5350.000	30.08	16.83	46.91	54.00	-7.09	AVG
4		5350.200	40.16	16.83	56.99	68.30	-11.31	peak

Emission Level= Read Level+ Correct Factor

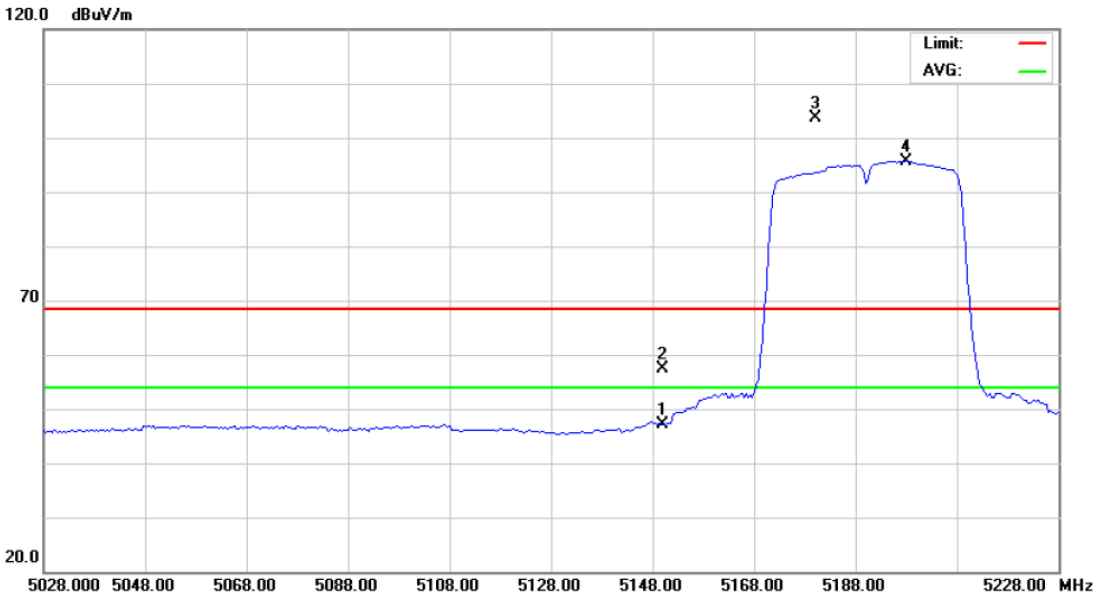
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT40) Mode 5190 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5150.000	31.47	16.61	48.08	54.00	-5.92	AVG
2		5150.200	41.50	16.61	58.11	68.30	-10.19	peak
3	X	5180.000	87.87	16.65	104.52	Fundamental Frequency		peak
4	*	5184.800	78.67	16.65	95.32	Fundamental Frequency		AVG

Emission Level= Read Level+ Correct Factor

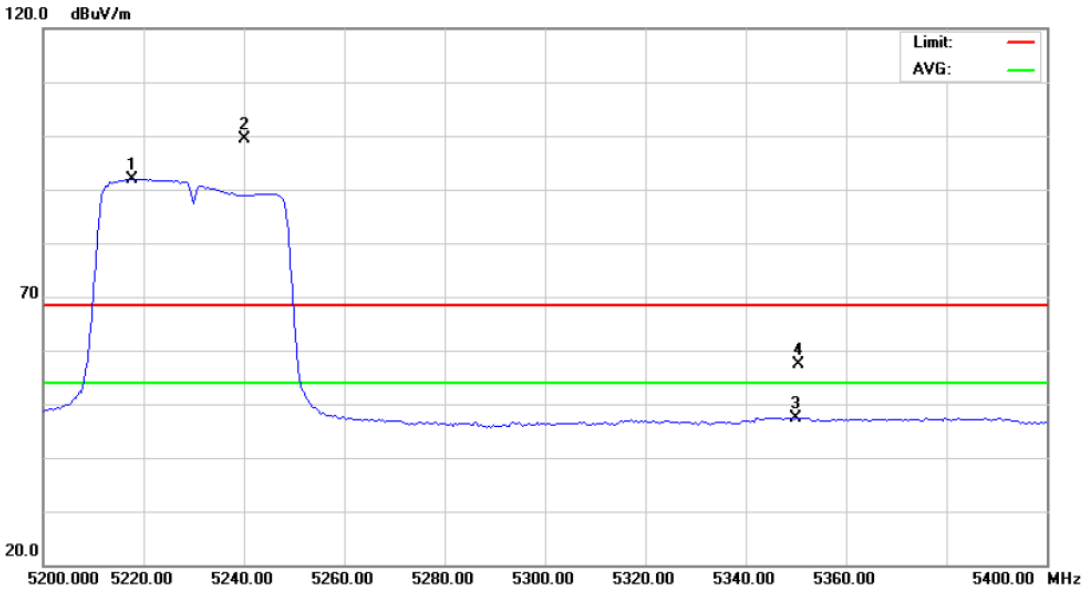
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT40) Mode 5190 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5150.000	30.58	16.61	47.19	54.00	-6.81	AVG
2		5150.200	40.68	16.61	57.29	68.30	-11.01	peak
3	X	5180.000	86.91	16.65	103.56	Fundamental Frequency		peak
4	*	5198.000	79.08	16.67	95.75	Fundamental Frequency		AVG

Emission Level= Read Level+ Correct Factor

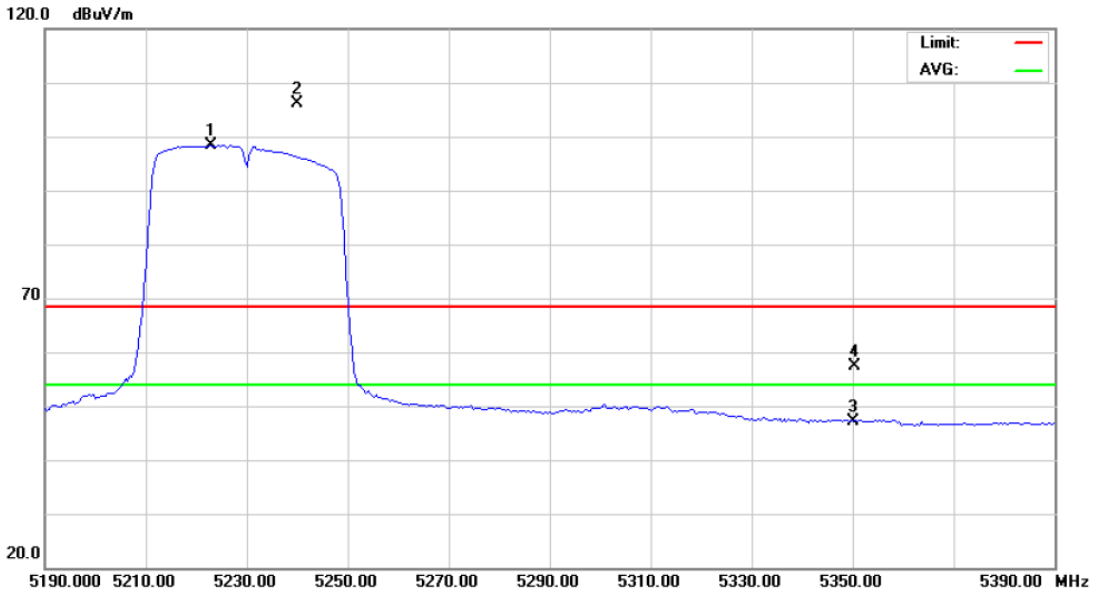
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT40) Mode 5230 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5217.600	75.30	16.68	91.98	Fundamental Frequency		AVG
2	X	5240.000	82.57	16.72	99.29	Fundamental Frequency		peak
3		5350.000	30.55	16.83	47.38	54.00	-6.62	AVG
4		5350.300	40.57	16.83	57.40	68.30	-10.90	peak

Emission Level= Read Level+ Correct Factor

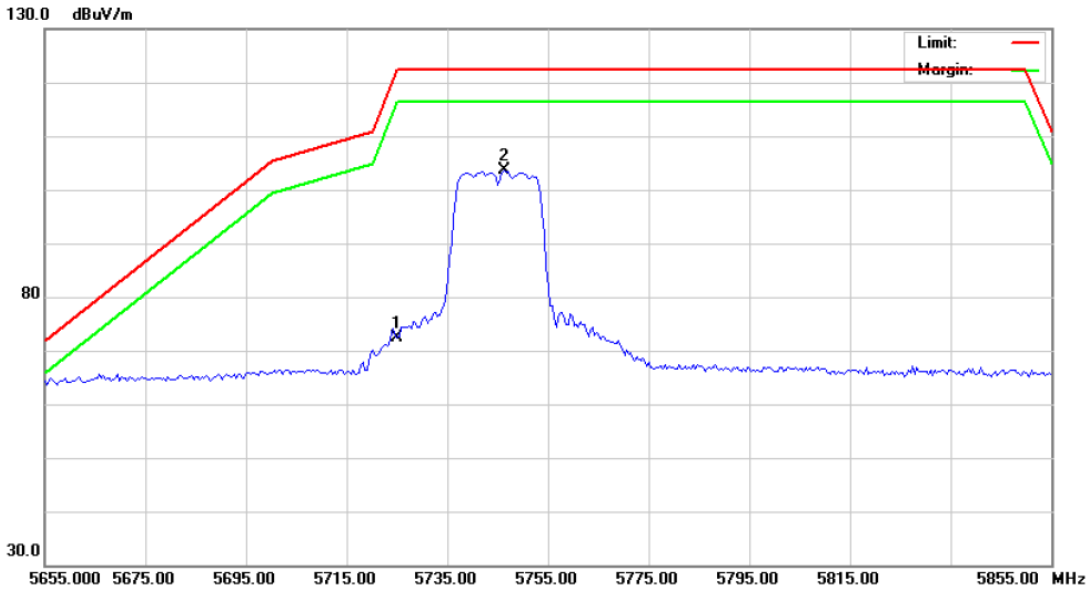
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT40) Mode 5230 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5222.800	81.63	16.69	98.32	Fundamental Frequency		AVG
2	X	5240.000	89.51	16.72	106.23	Fundamental Frequency		peak
3		5350.000	30.34	16.83	47.17	54.00	-6.83	AVG
4		5350.200	40.53	16.83	57.36	68.30	-10.94	peak

Emission Level= Read Level+ Correct Factor

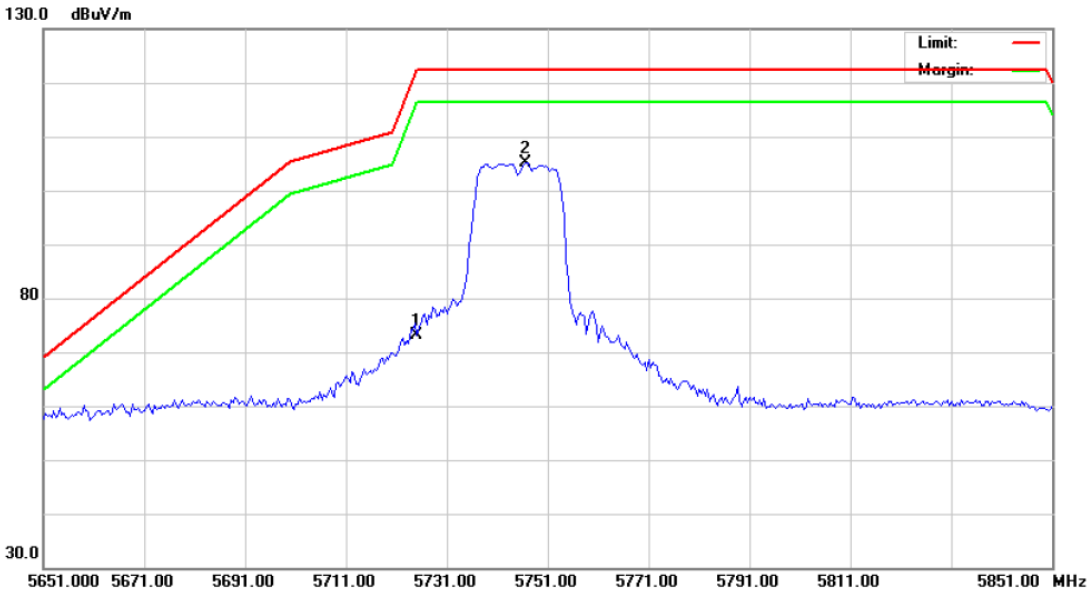
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5745 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5725.000	54.57	17.82	72.39	122.3	-49.91	peak
2	*	5746.200	85.77	17.90	103.67	122.3	-18.63	peak

Emission Level= Read Level+ Correct Factor

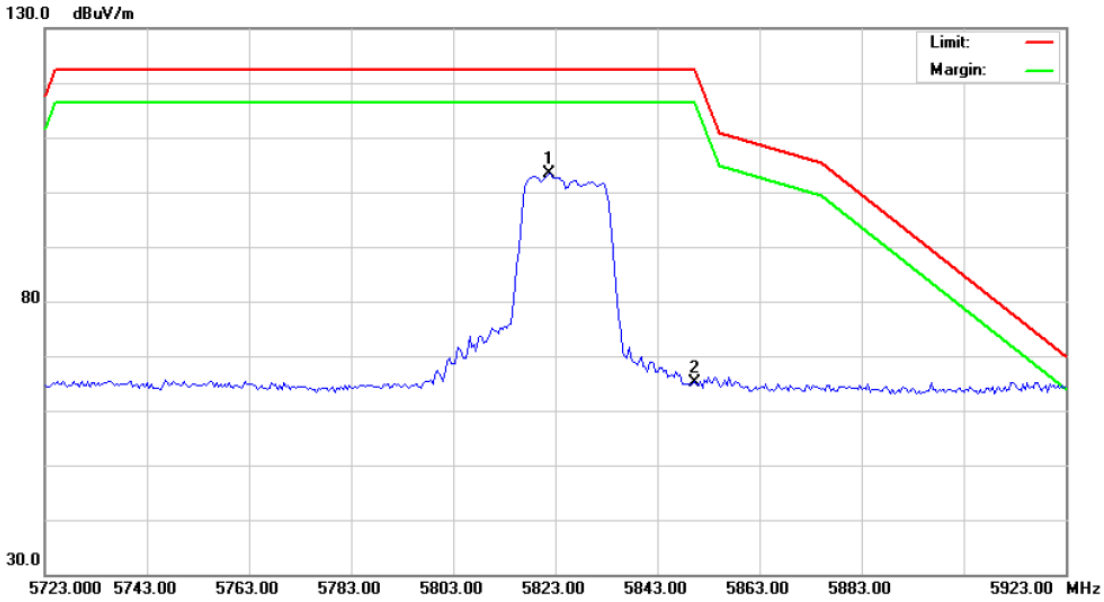
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5745 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5725.000	55.35	17.82	73.17	122.3	-49.13	peak
2	*	5746.600	87.17	17.90	105.07	122.3	-17.23	peak

Emission Level= Read Level+ Correct Factor

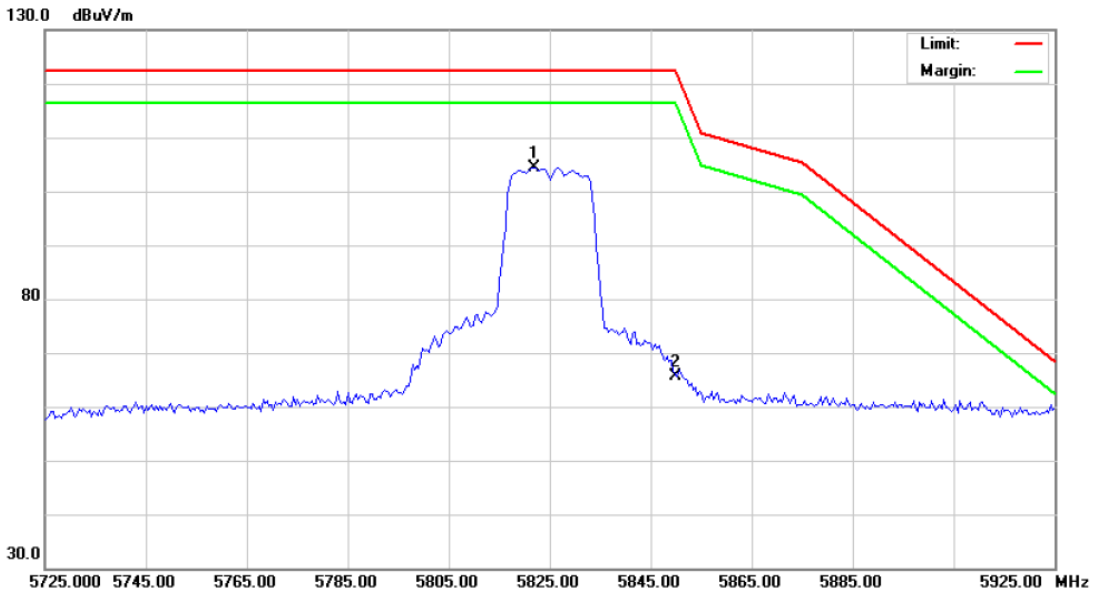
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5825 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1	*	5821.800	85.09	18.17	103.26	122.3	-19.04
2		5850.000	46.97	18.28	65.25	122.3	-57.05

Emission Level= Read Level+ Correct Factor

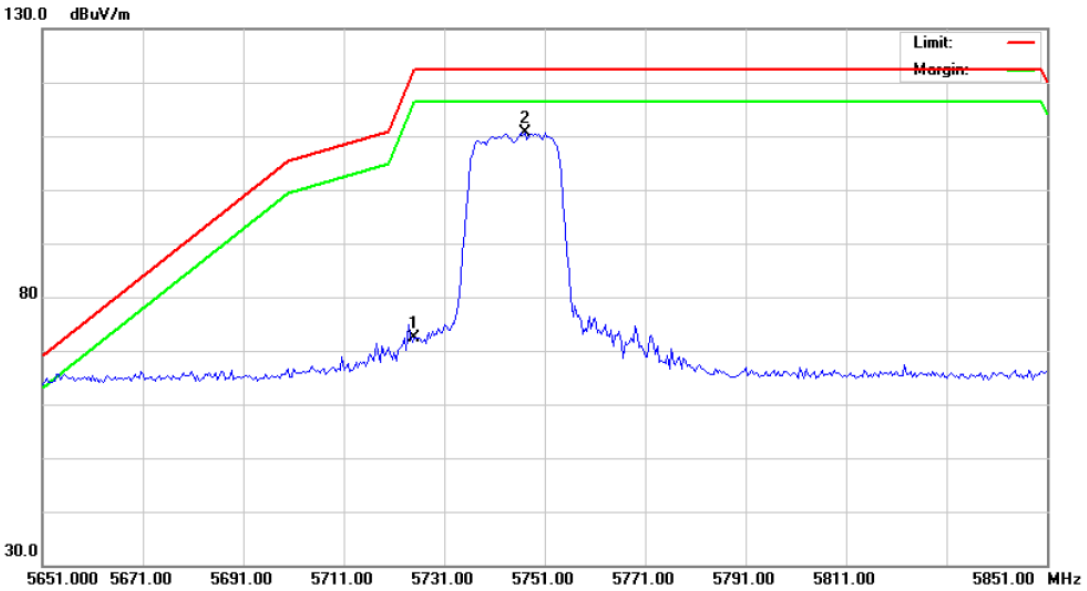
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5825 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5821.800	86.12	18.17	104.29	122.3	-18.01	peak
2		5850.000	47.29	18.28	65.57	122.3	-56.73	peak

Emission Level= Read Level+ Correct Factor

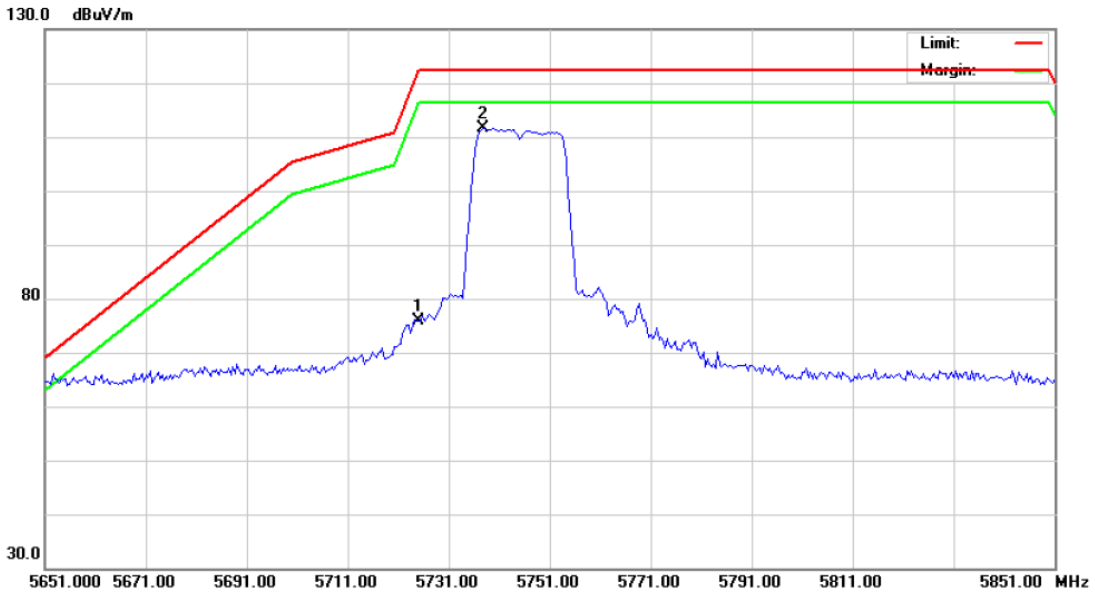
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT20) Mode 5745 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5725.000	54.63	17.82	72.45	122.3	-49.85	peak
2	*	5747.000	92.80	17.90	110.70	122.3	-11.60	peak

Emission Level= Read Level+ Correct Factor

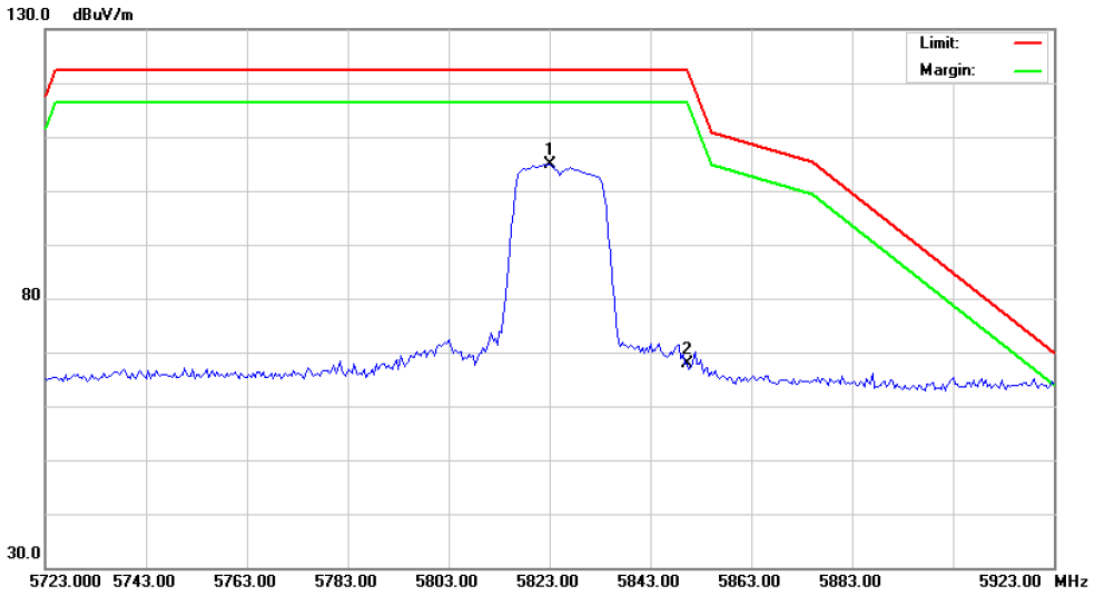
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode 5745 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5725.000	57.99	17.82	75.81	122.3	-46.49	peak
2	*	5737.800	93.81	17.87	111.68	122.3	-10.62	peak

Emission Level= Read Level+ Correct Factor

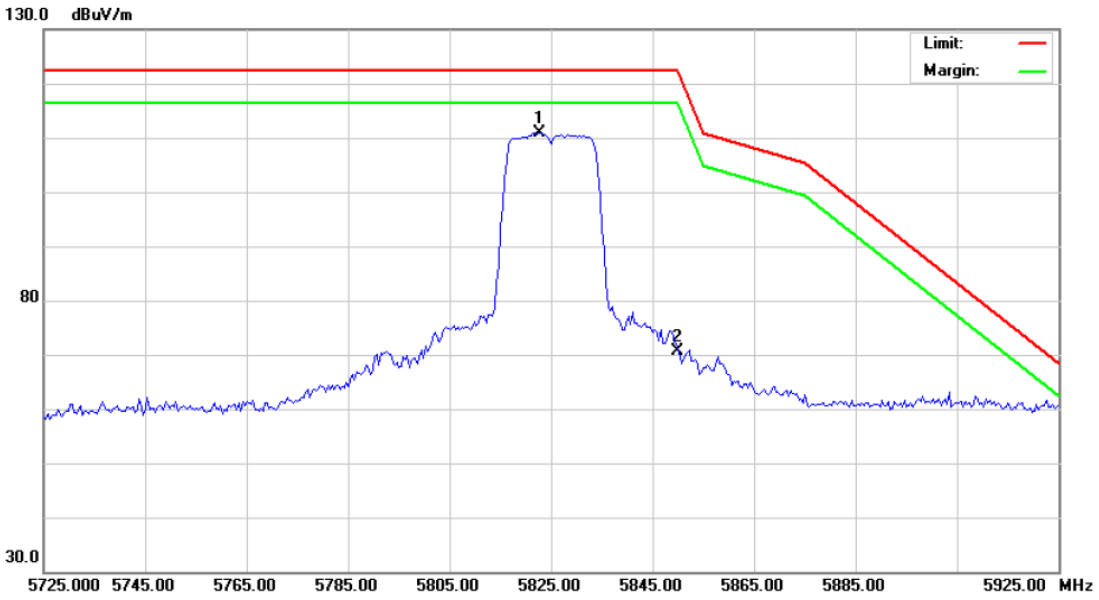
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT20) Mode 5825 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5823.000	86.71	18.18	104.89	122.3	-17.41	peak
2		5850.000	49.56	18.28	67.84	122.3	-54.46	peak

Emission Level= Read Level+ Correct Factor

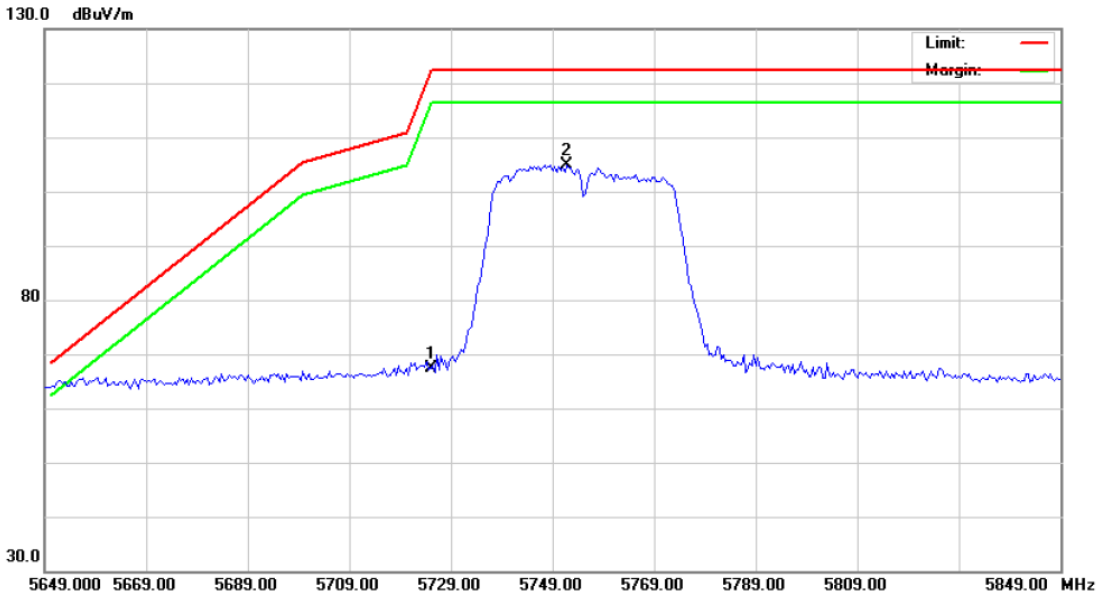
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode 5825 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5822.600	92.69	18.17	110.86	122.3	-11.44	peak
2		5850.000	52.27	18.28	70.55	122.3	-51.75	peak

Emission Level= Read Level+ Correct Factor

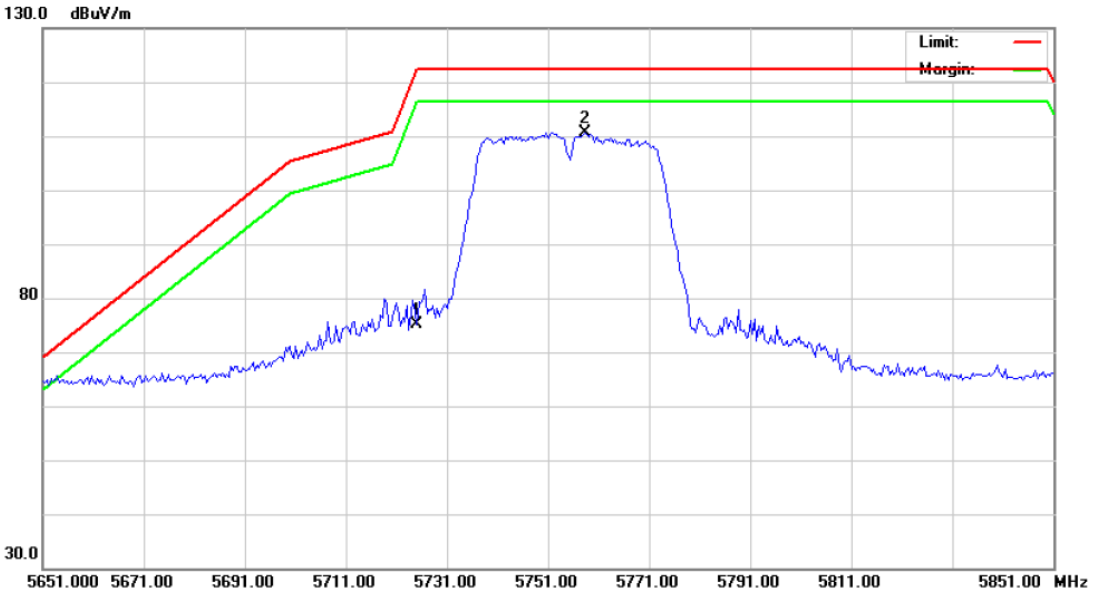
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT40) Mode 5755 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5725.000	49.63	17.82	67.45	122.3	-54.85	peak
2	*	5751.800	86.98	17.92	104.90	122.3	-17.40	peak

Emission Level= Read Level+ Correct Factor

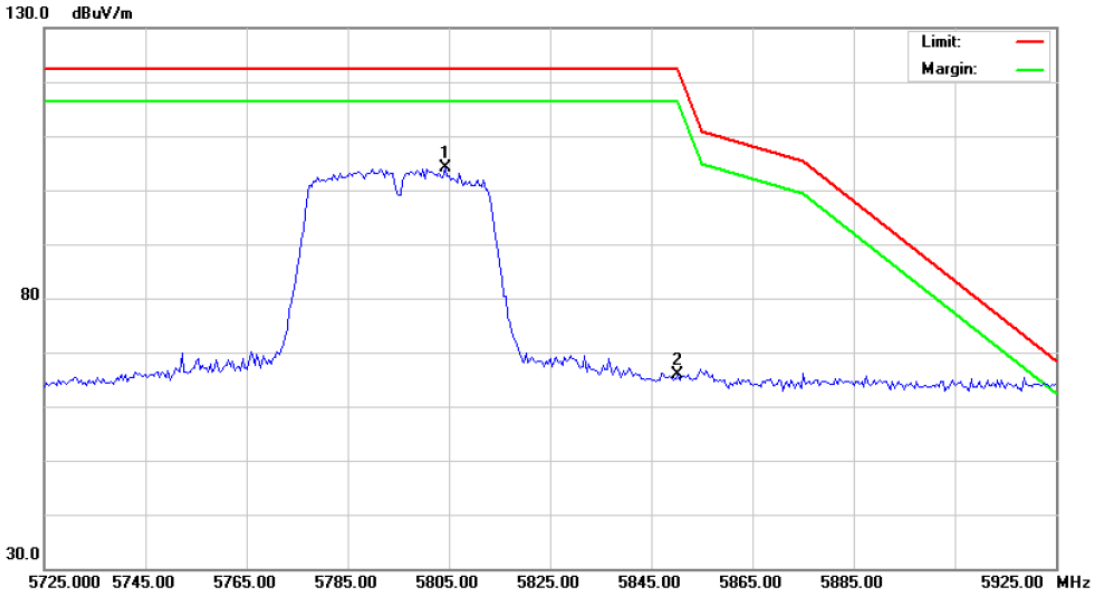
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT40) Mode 5755 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5725.000	57.42	17.82	75.24	122.3	-47.06	peak
2	*	5758.200	92.75	17.93	110.68	122.3	-11.62	peak

Emission Level= Read Level+ Correct Factor

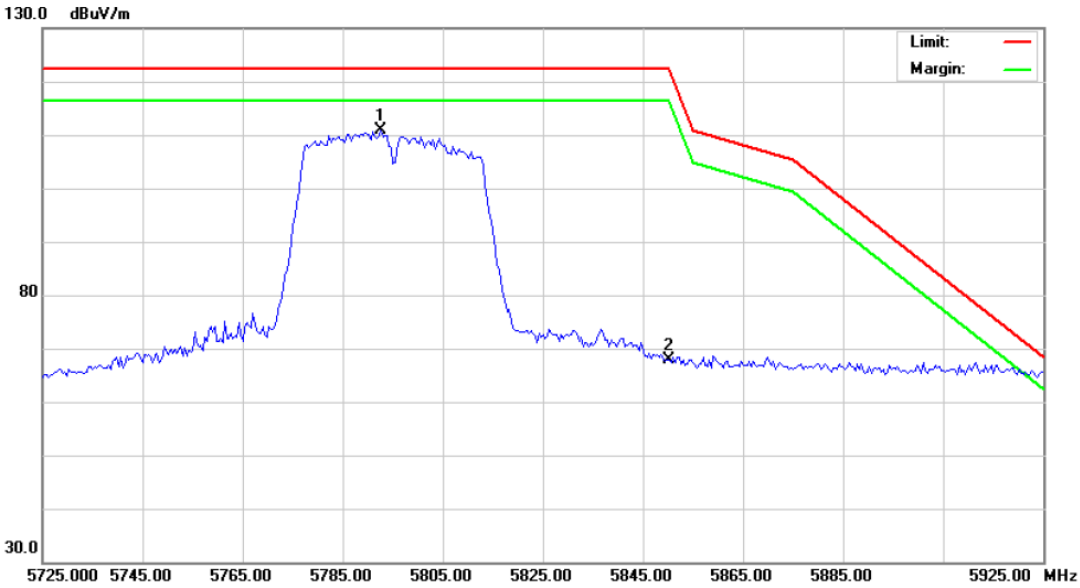
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT40) Mode 5795 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5804.200	85.96	18.11	104.07	122.3	-18.23	peak
2		5850.000	47.48	18.28	65.76	122.3	-56.54	peak

Emission Level= Read Level+ Correct Factor

Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT40) Mode 5795 MHz (U-NII-3)		
Remark:			

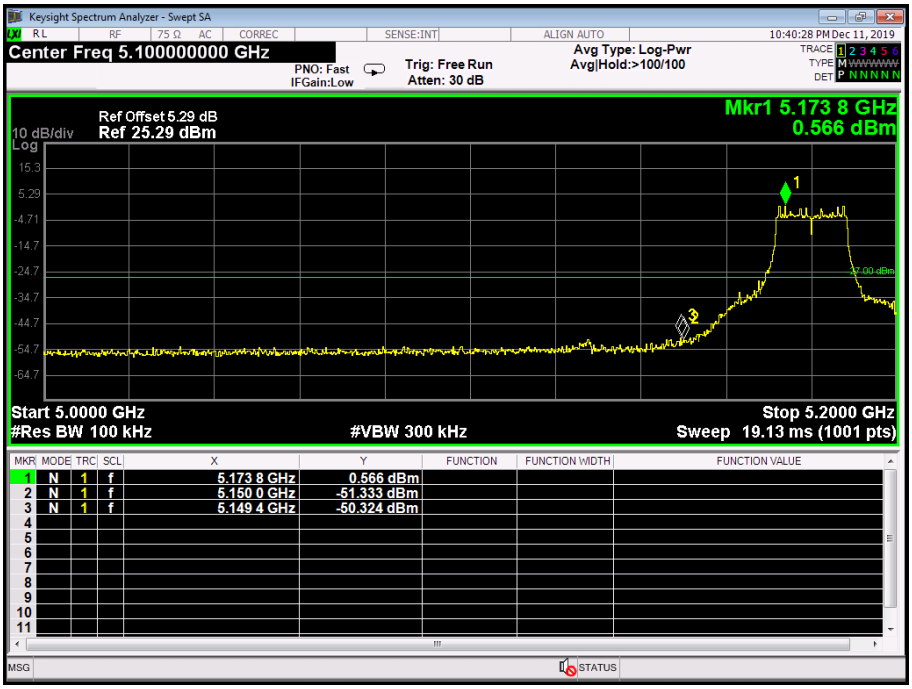


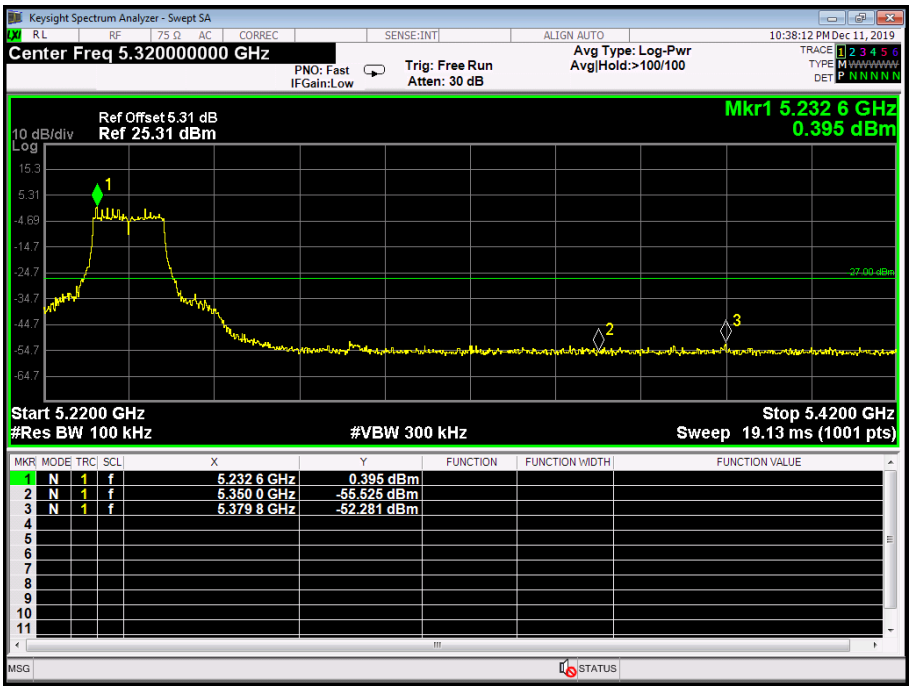
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5792.600	92.70	18.07	110.77	122.3	-11.53	peak
2		5850.000	49.50	18.28	67.78	122.3	-54.52	peak

Emission Level= Read Level+ Correct Factor

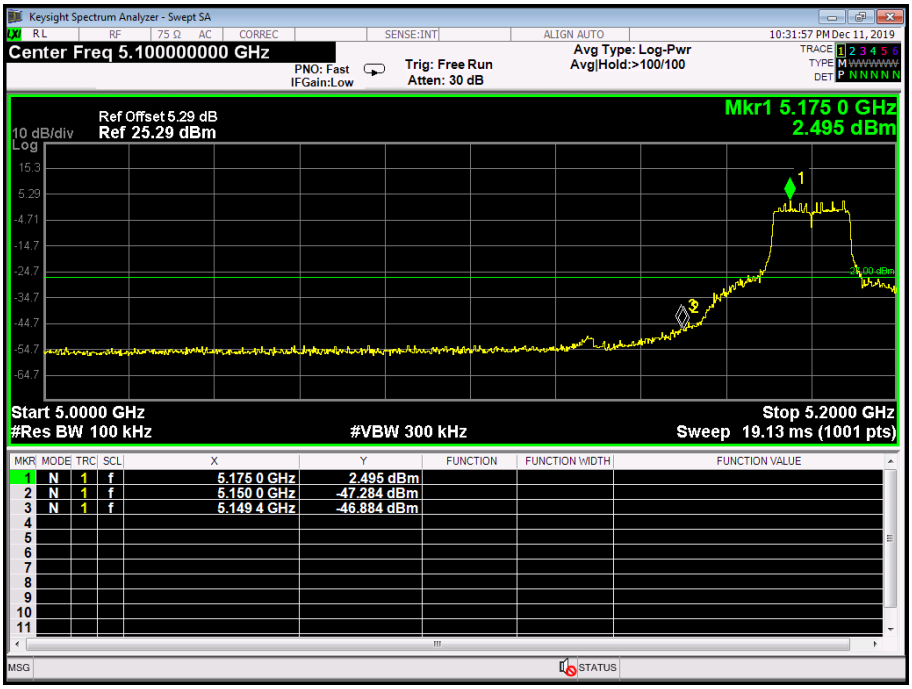
(2) Conducted Test

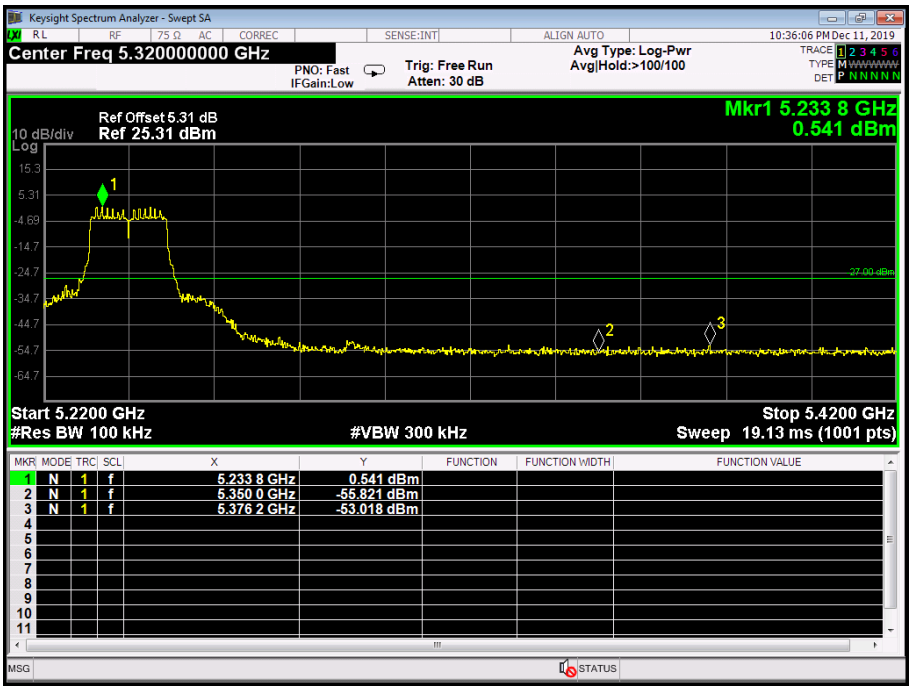
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a mode(U-NII-1) / 5180MHz&5240MHz		
Remark:	The EUT is programed in continuously transmitting mode		



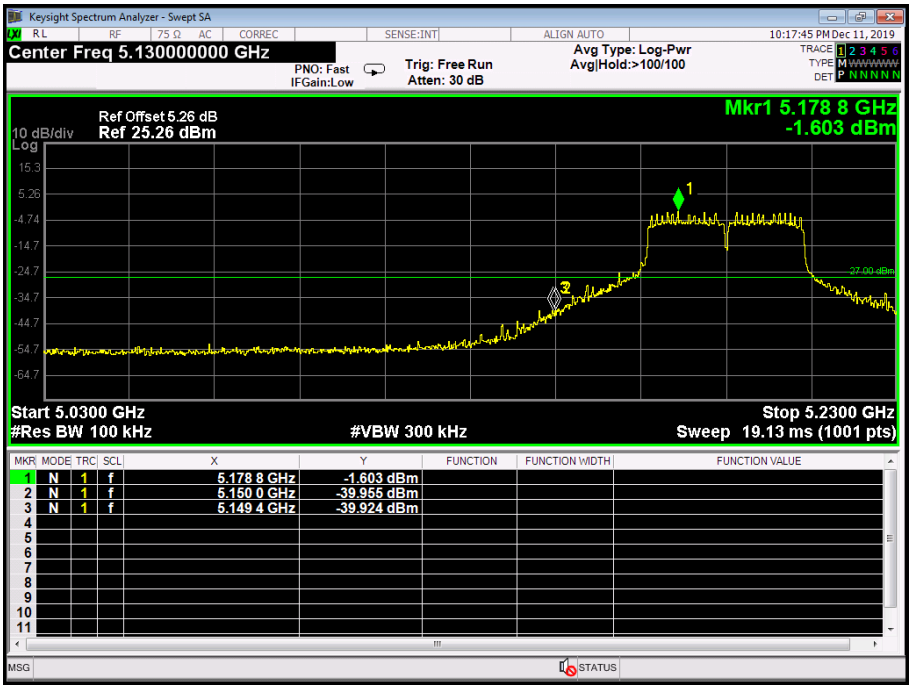


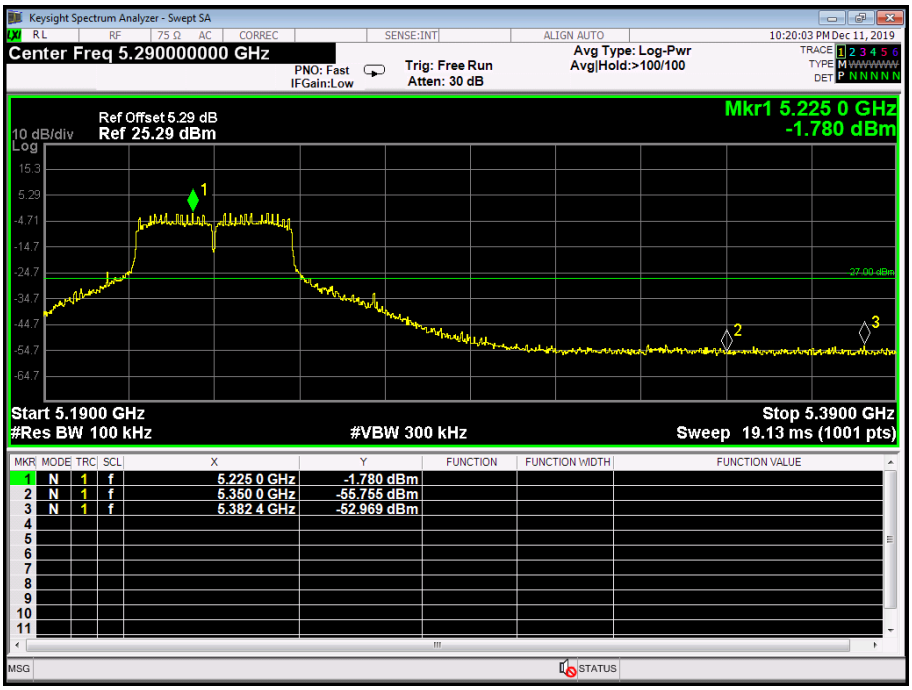
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) mode(U-NII-1) / 5180MHz&5240MHz		
Remark:	The EUT is programed in continuously transmitting mode		



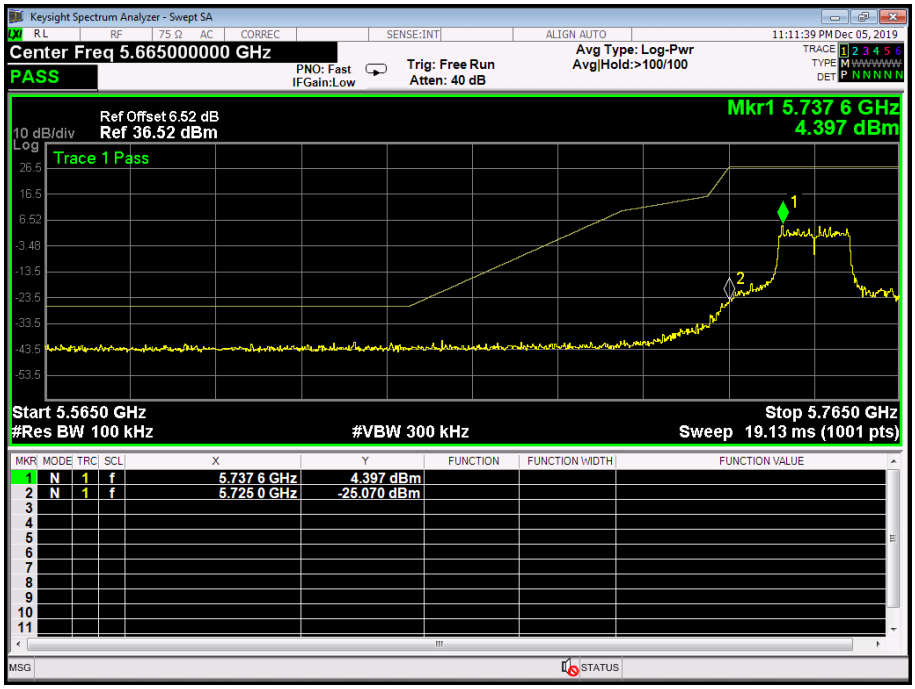


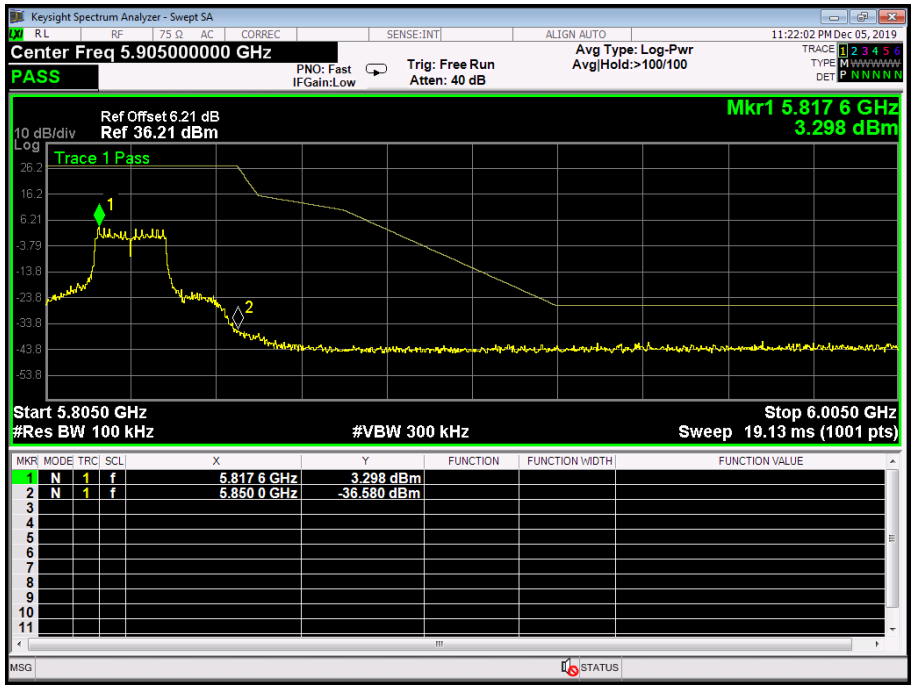
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT40) mode(U-NII-1) / 5190MHz&5230MHz		
Remark:	The EUT is programed in continuously transmitting mode		



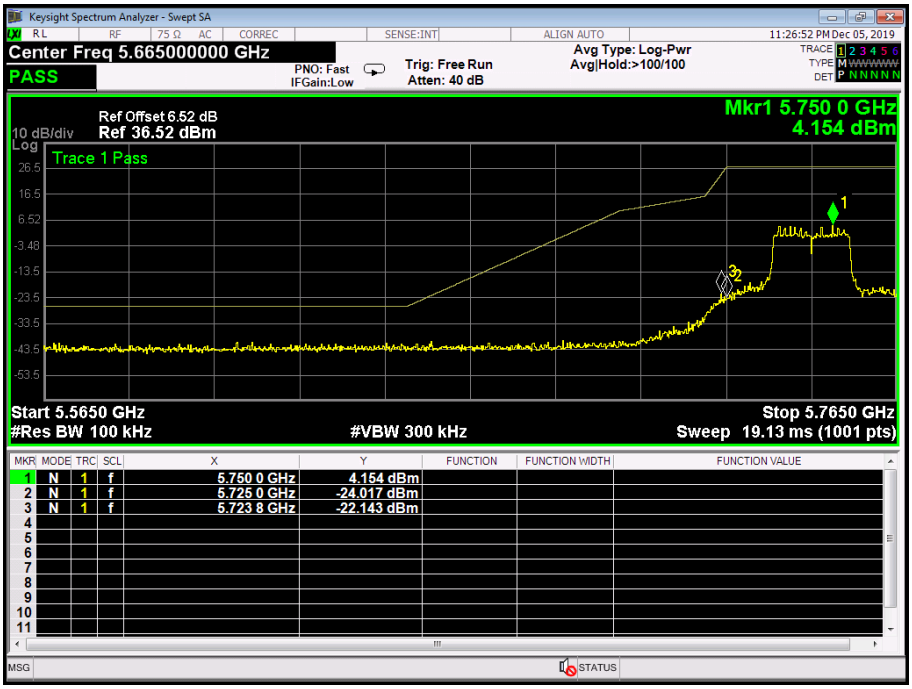


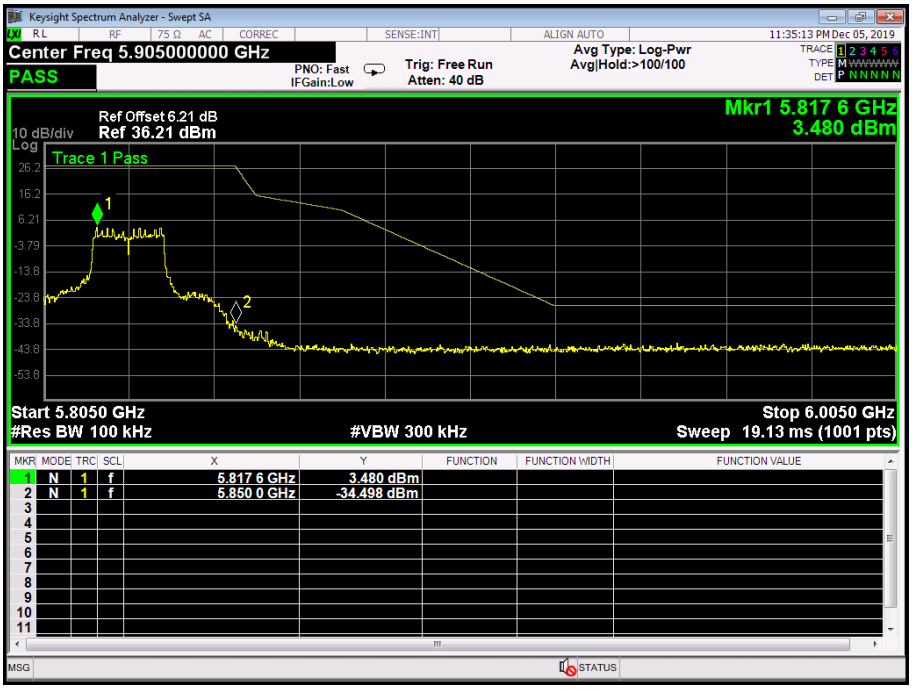
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5745MHz /5825MHz (U-NII-3)		
Remark:	The EUT is programed in continuously transmitting mode		





Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode 5745MHz /5825MHz (U-NII-3)		
Remark:	The EUT is programed in continuously transmitting mode		





Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11 n(HT40) Mode 5755MHz/5795 (U-NII-3)		
Remark:	The EUT is programed in continuously transmitting mode		

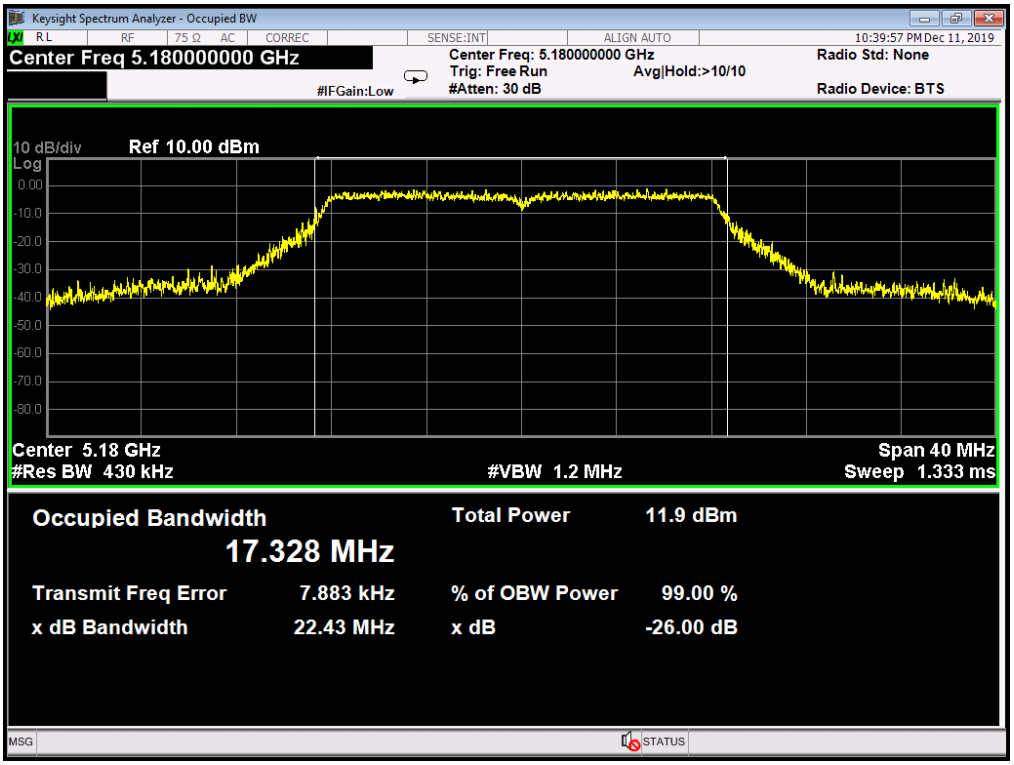
Attachment D--Bandwidth Test Data

Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode (U-NII-1)		

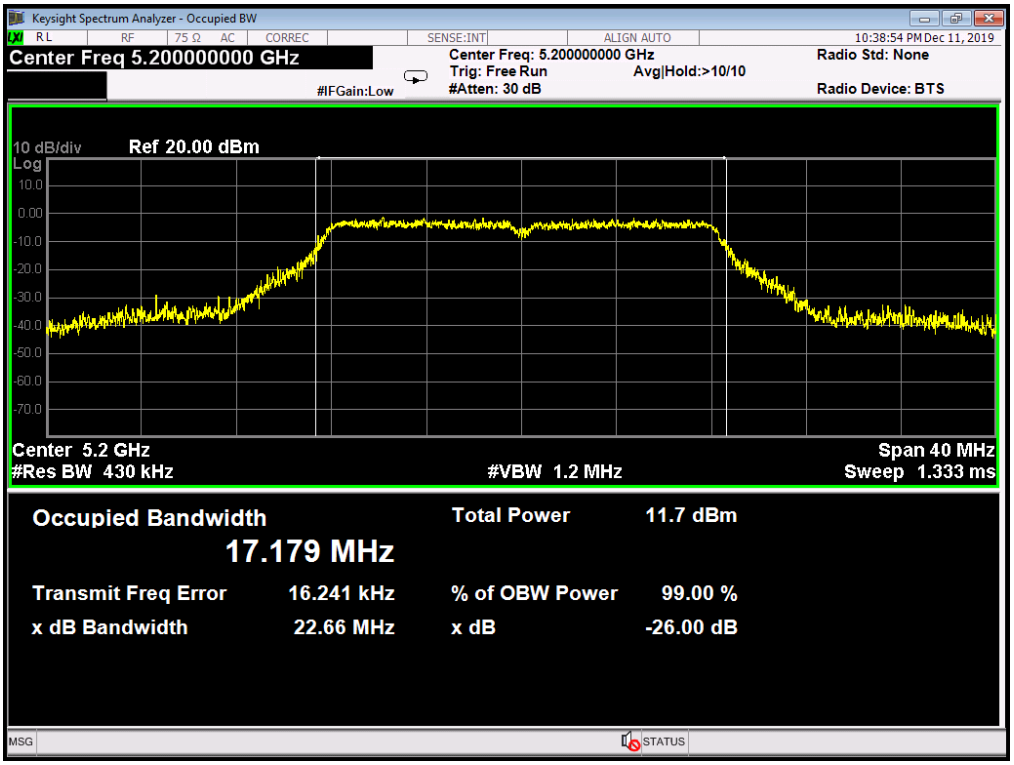
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
36	5180	22.43	17.328
40	5200	22.66	17.179
48	5240	21.96	17.236

802.11a Mode

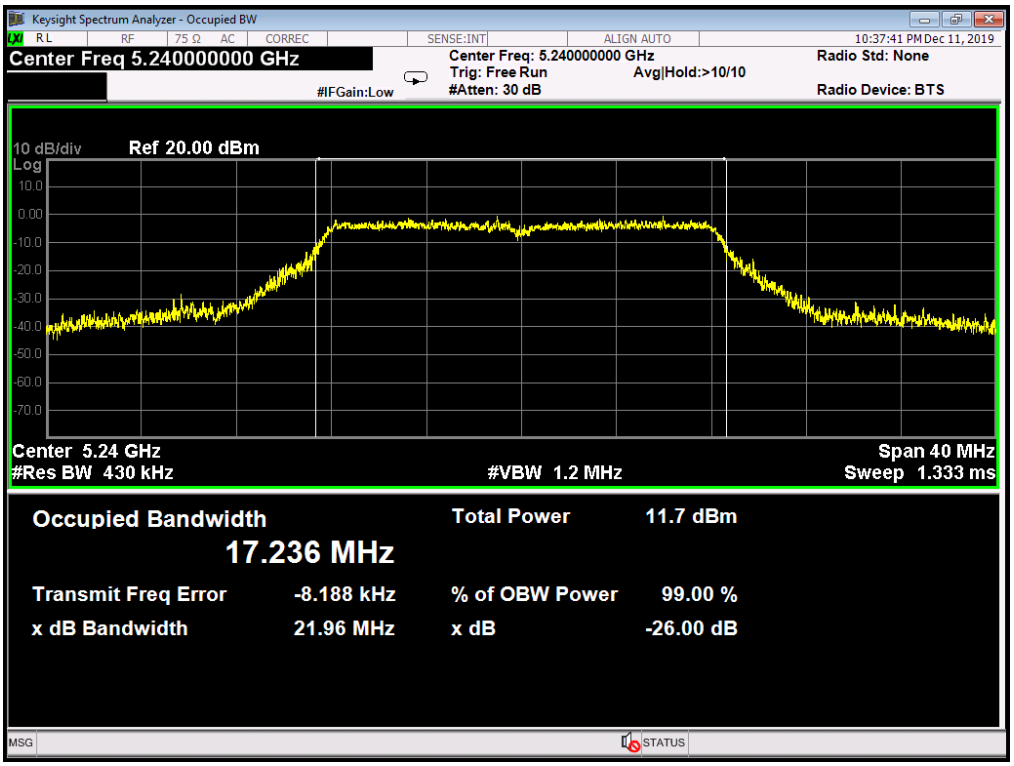
5180 MHz



802.11a Mode
5200 MHz



802.11a Mode
5240 MHz

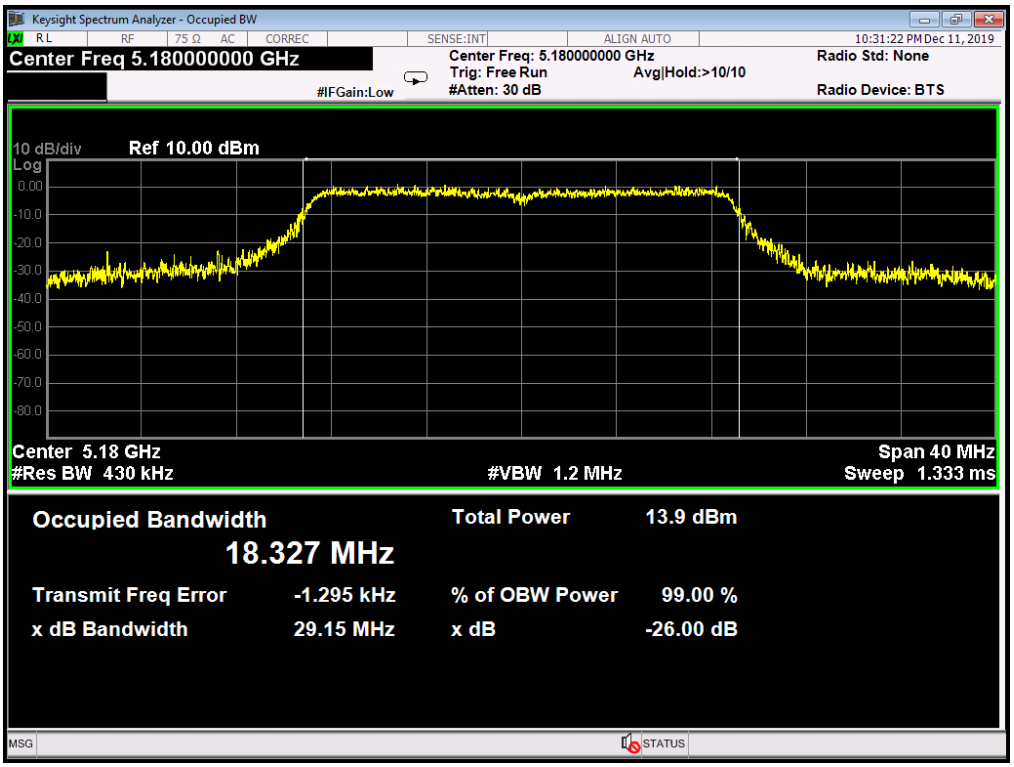


Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode (U-NII-1)		

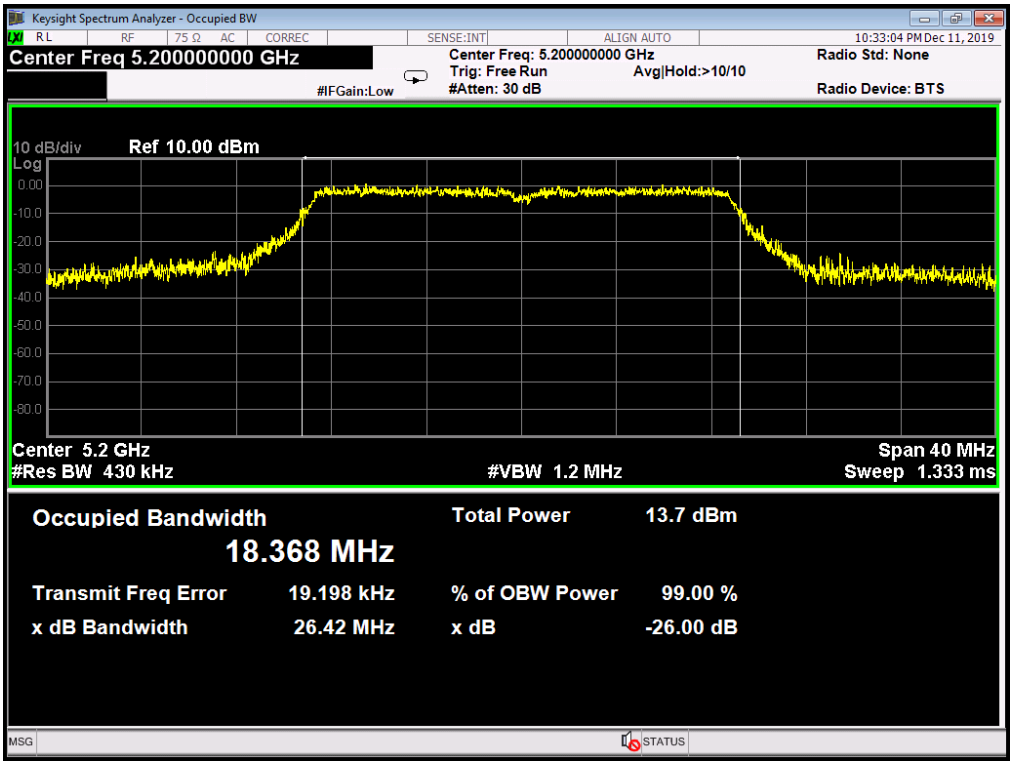
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
36	5180	29.15	18.327
40	5200	26.42	18.368
48	5240	23.01	18.217

802.11n(HT20) Mode

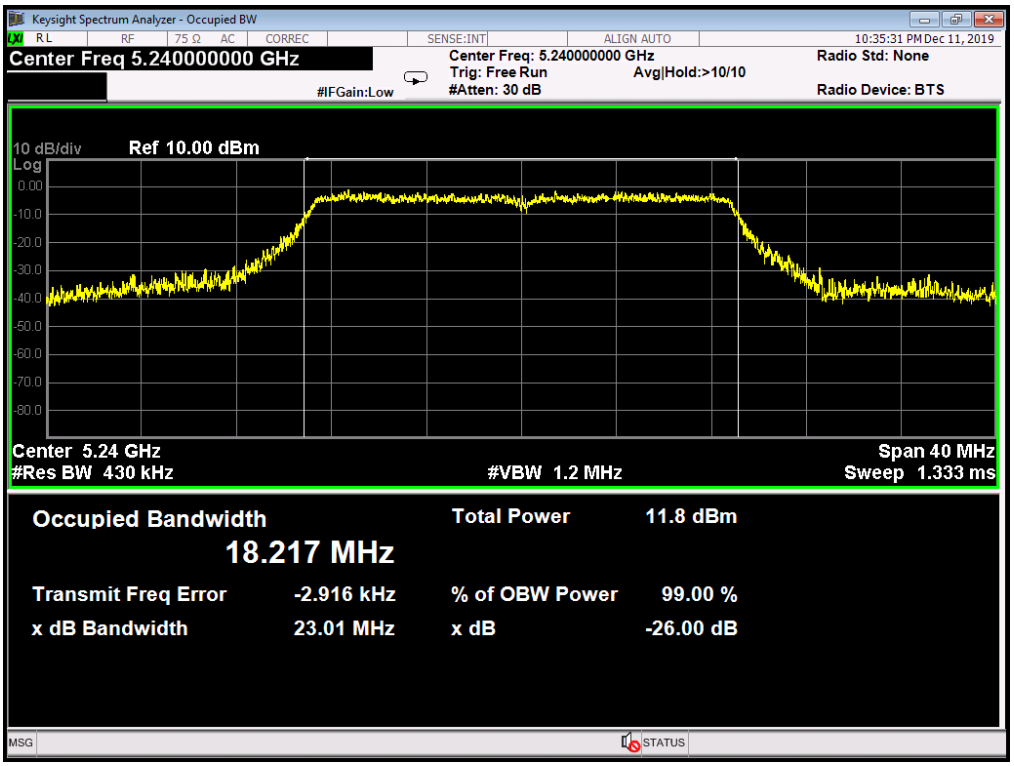
5180 MHz



802.11n(HT20) Mode
5200 MHz



802.11n(HT20) Mode
5240 MHz

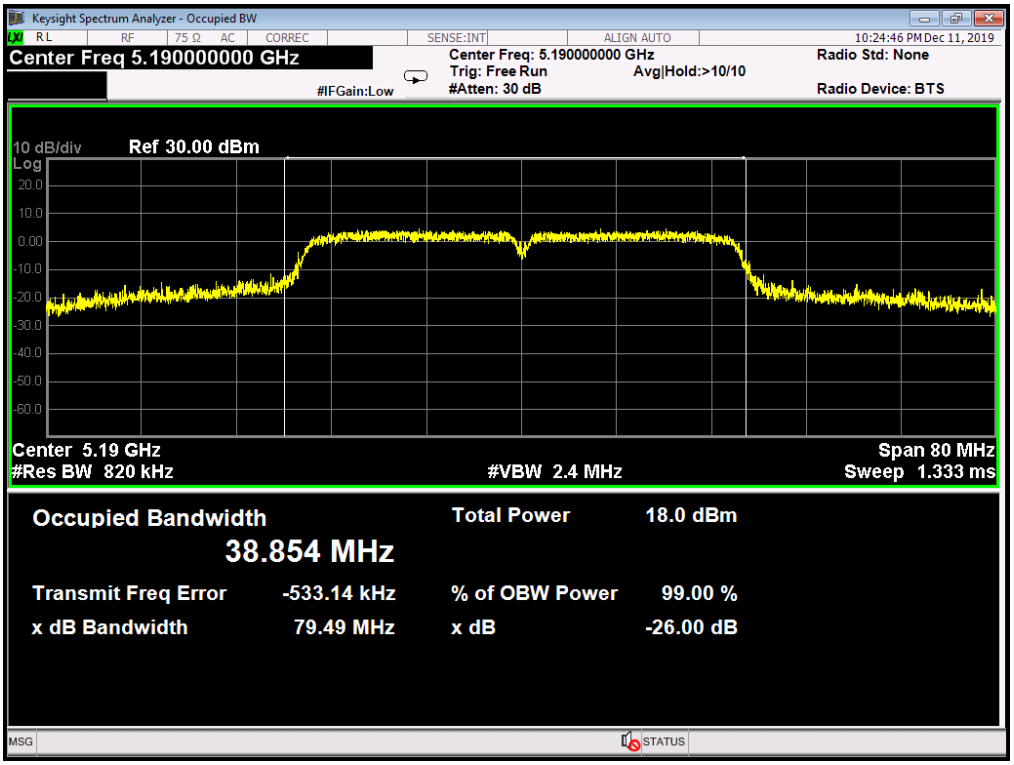


Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11N(HT40) Mode (U-NII-1)		

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
38	5190	79.49	38.854
46	5230	78.99	38.121

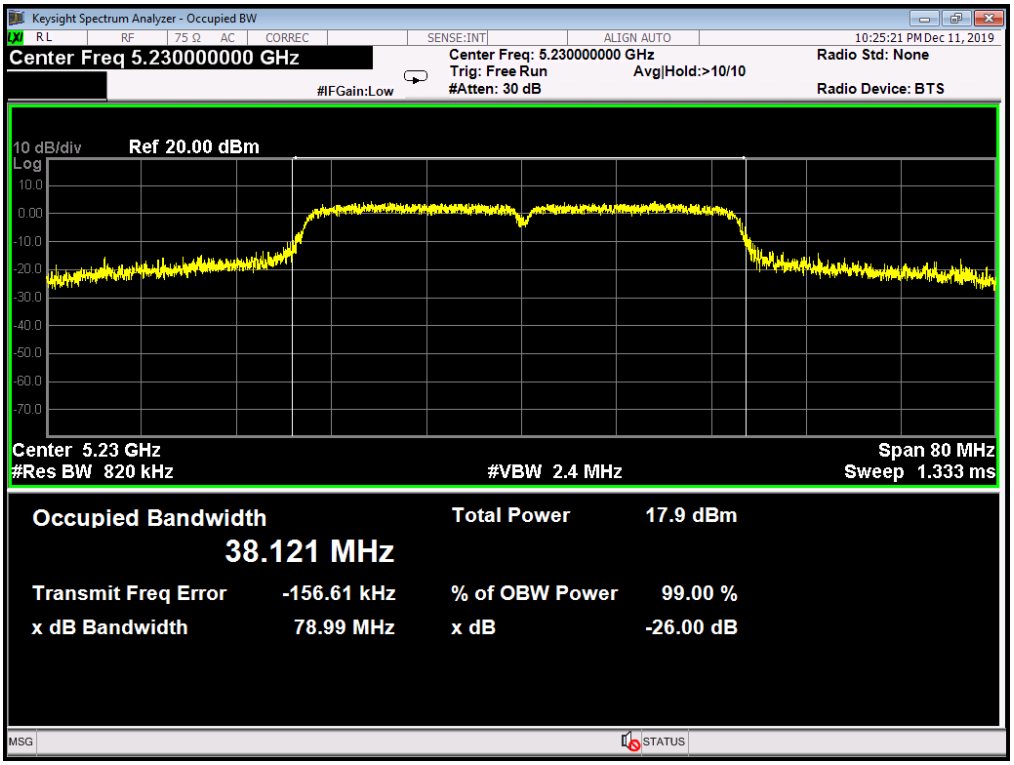
802.11N(HT40) Mode

5190 MHz



802.11N(HT40) Mode

5230 MHz

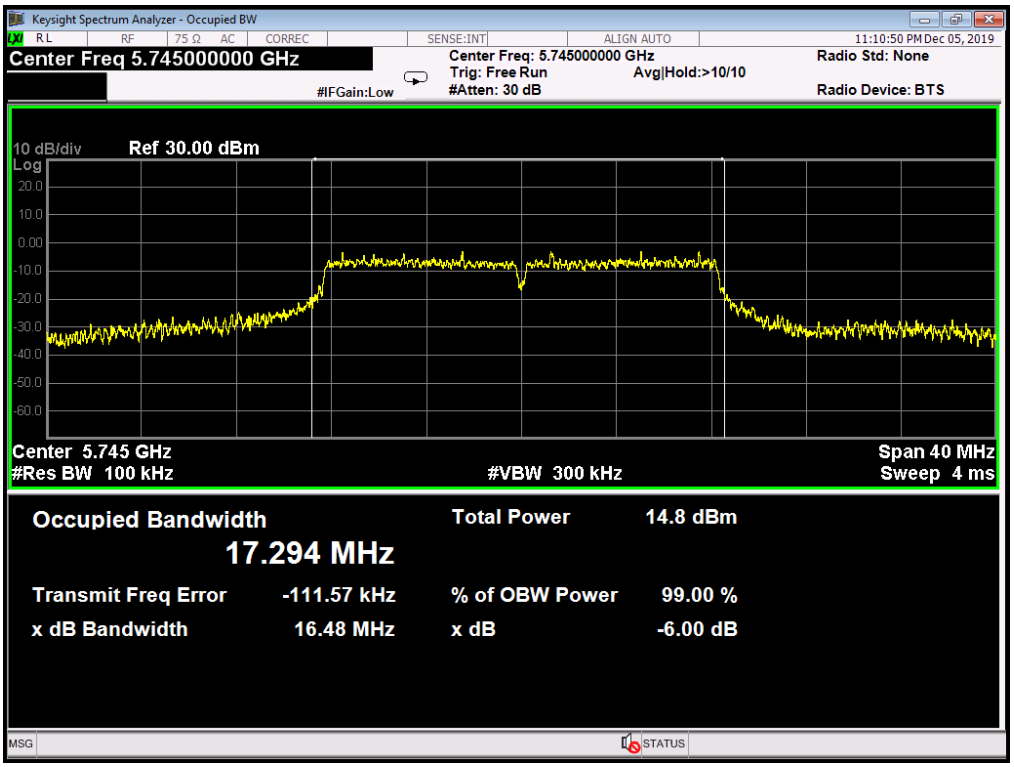


Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode (U-NII-3)		

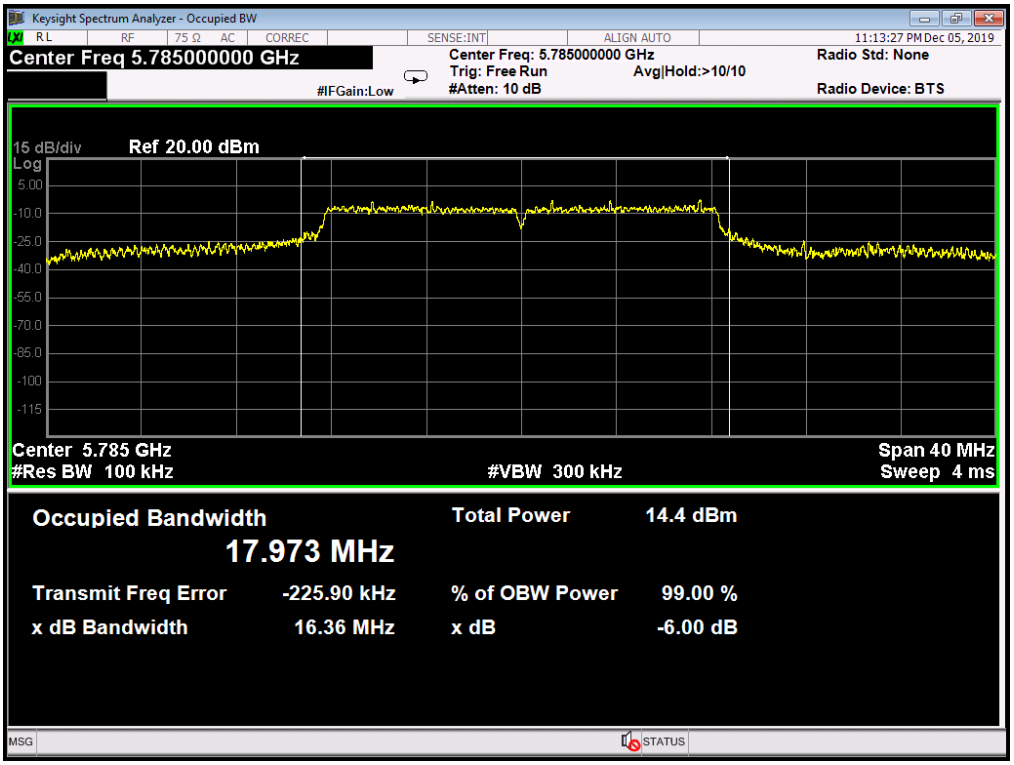
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
149	5745	16.48	17.294
157	5785	16.36	17.973
165	5825	16.37	17.447

802.11a Mode

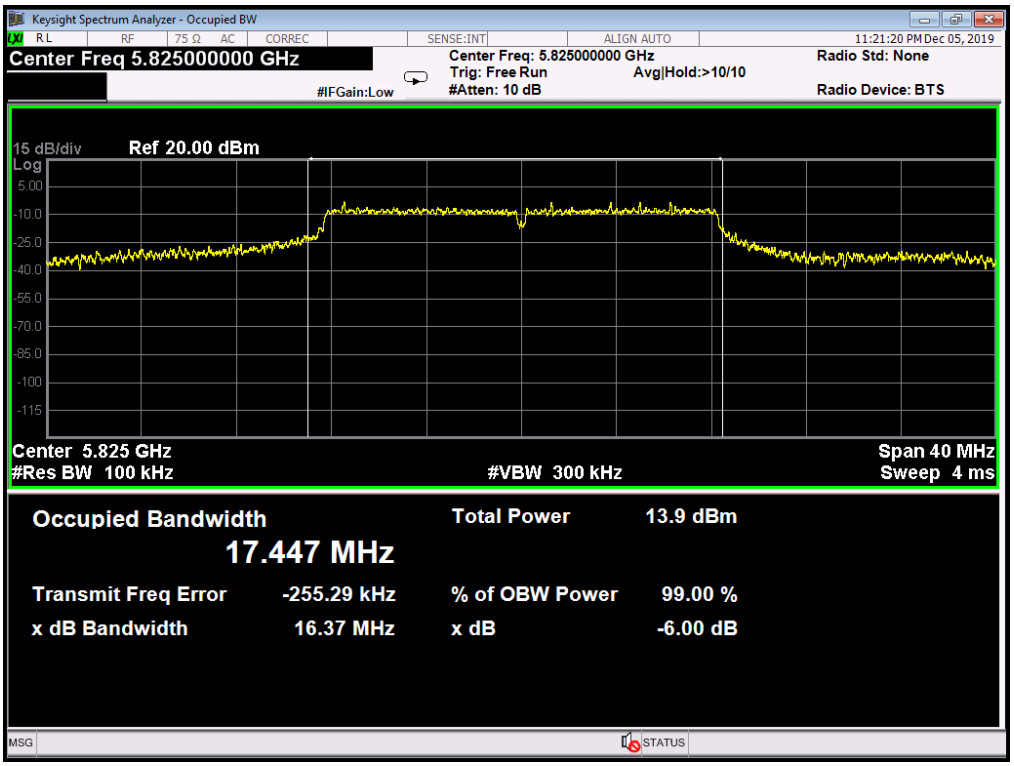
5745 MHz



802.11a Mode
5785 MHz



802.11a Mode
5825 MHz

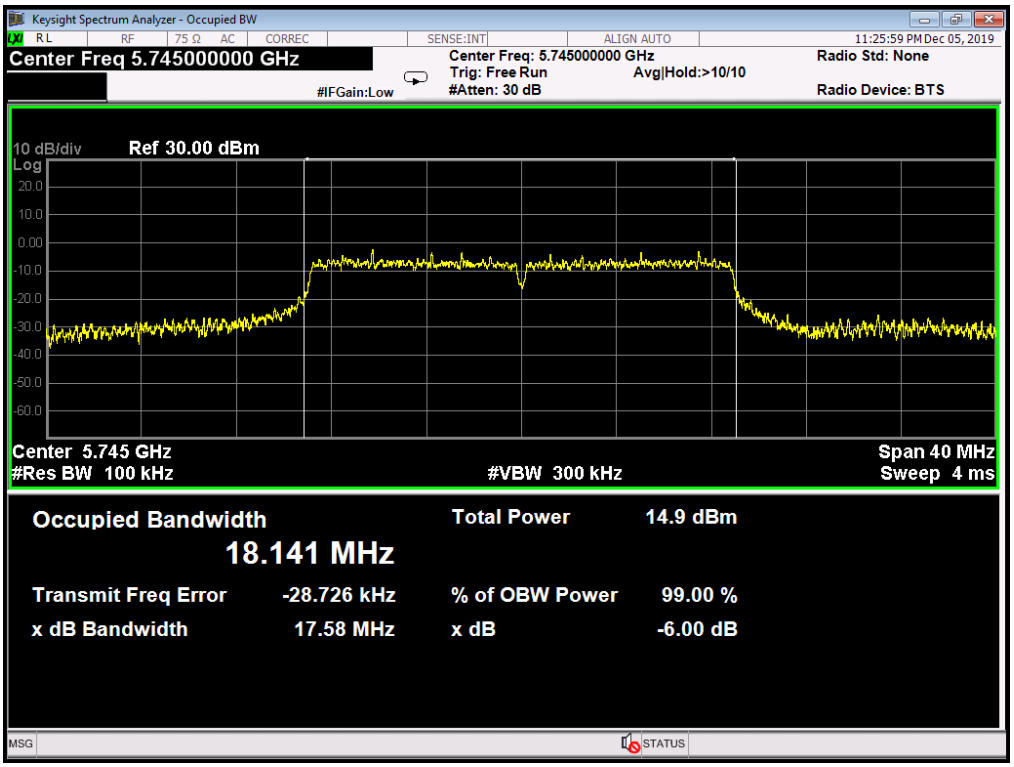


Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT20) Mode (U-NII-3)		

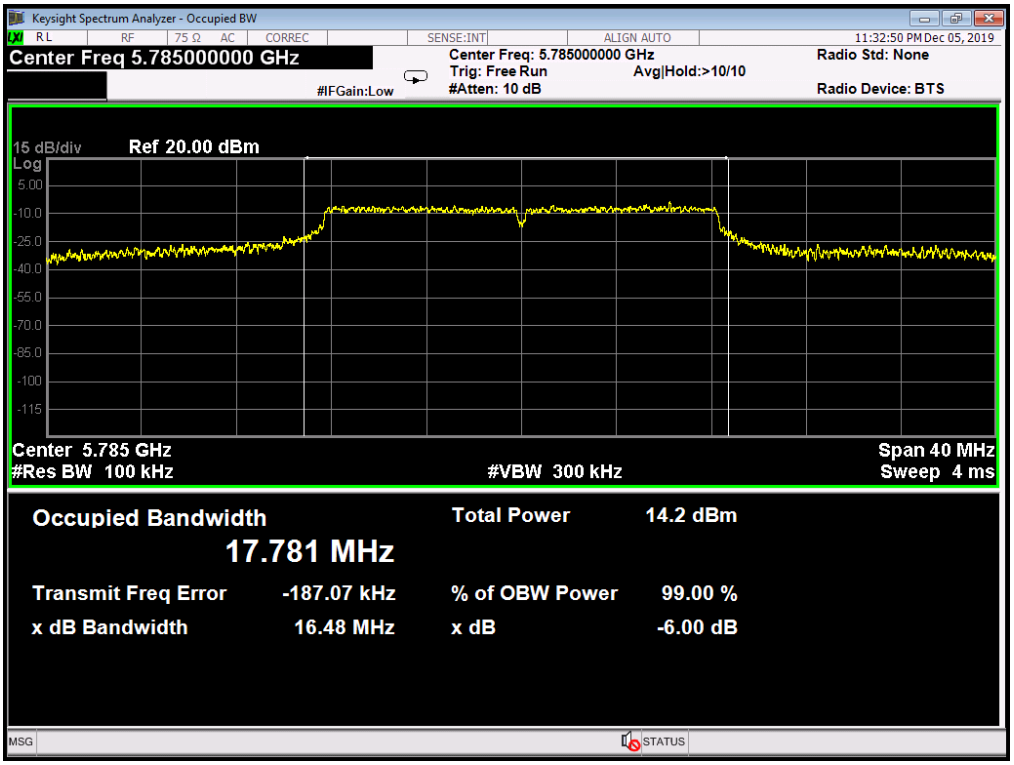
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
149	5745	17.58	18.141
157	5785	16.48	17.781
165	5825	16.40	17.598

802.11n(HT20) Mode

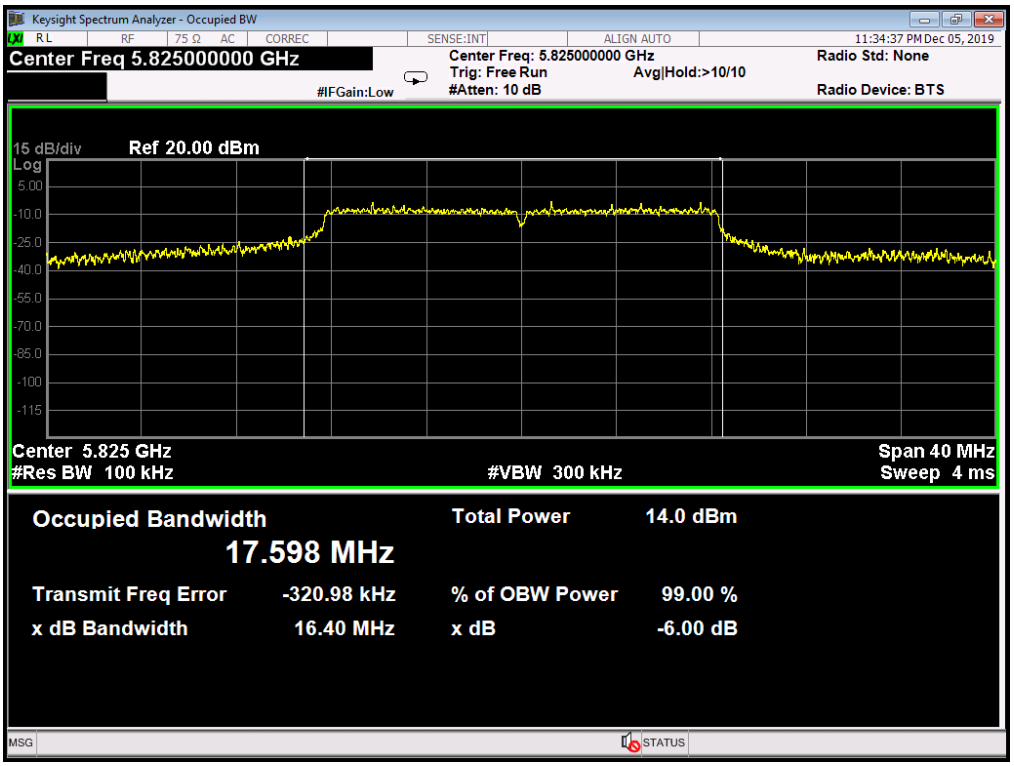
5745 MHz



802.11n(HT20) Mode
5785 MHz



802.11n(HT20) Mode
5825 MHz

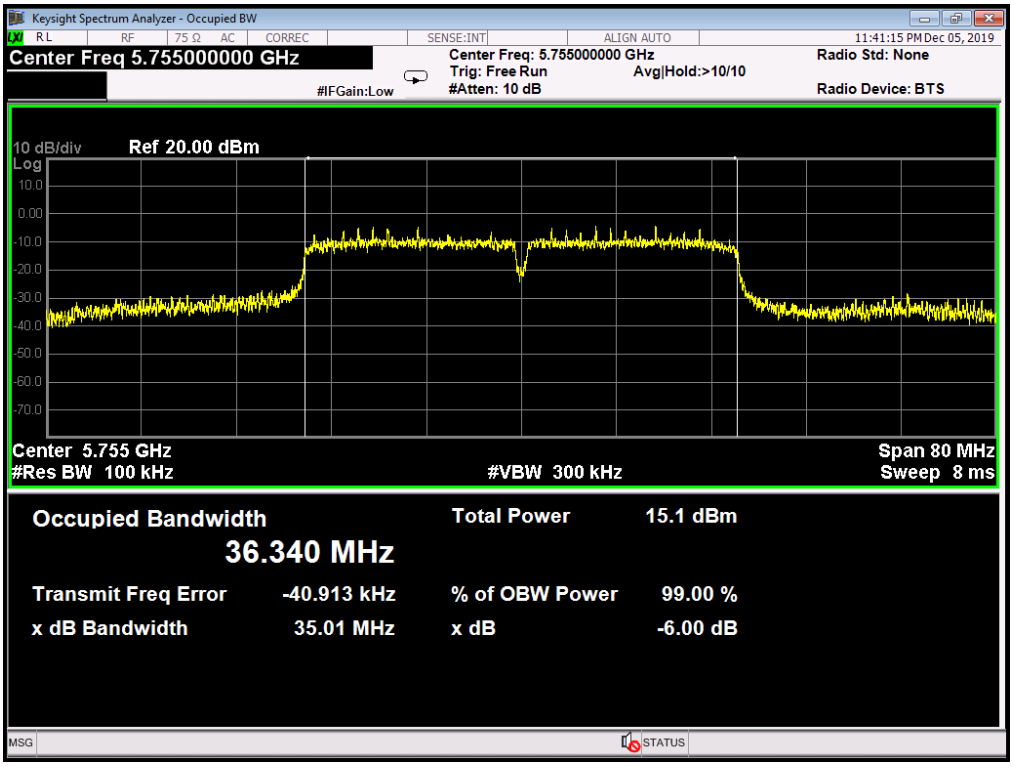


Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(HT40) Mode (U-NII-3)		

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
151	5755	35.01	36.340
159	5795	35.13	36.561

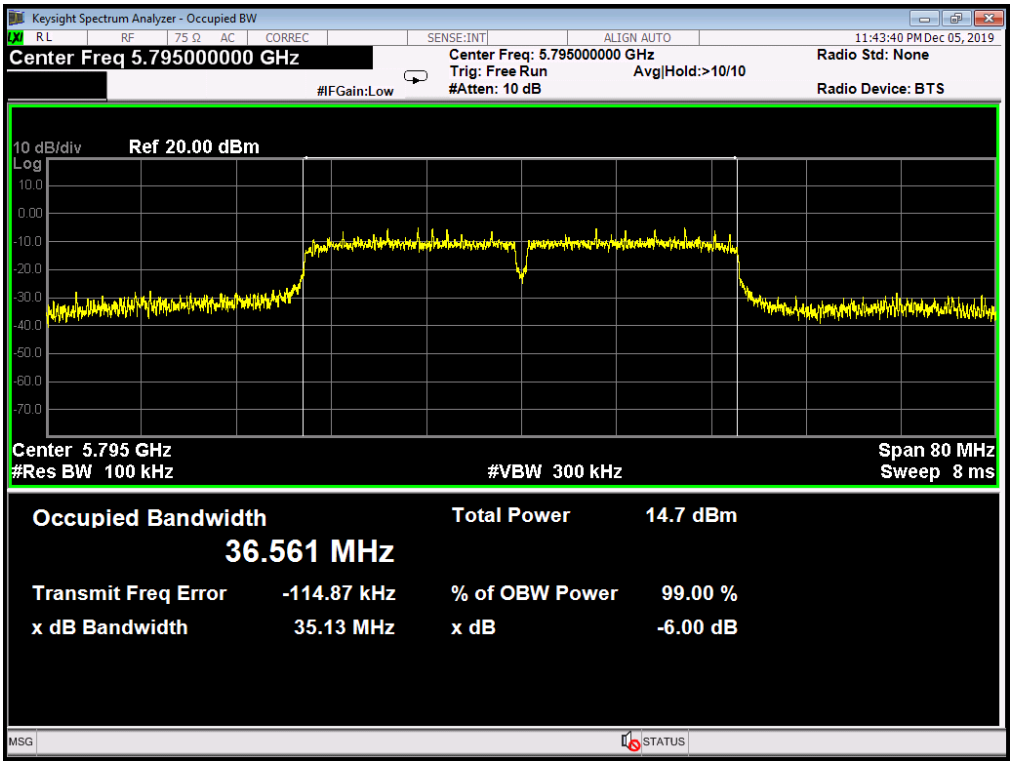
802.11n(HT40) Mode

5755 MHz



802.11n(HT40) Mode

5795 MHz



Attachment E--AVG Output Power Test Data

Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		

U-NII-1

Test Mode	Frequency (MHz)	Test Data			Limit (dBm)
		Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	
802.11a	5180	16.62	0	16.62	24
	5200	16.35	0	16.35	
	5240	16.42	0	16.42	
802.11n (HT20)	5180	18.57	0	18.57	
	5200	16.35	0	16.35	
	5240	16.51	0	16.51	
802.11n (HT40)	5190	16.83	0	16.83	
	5230	17.05	0	17.05	

Result: PASS

Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		

U-NII-3

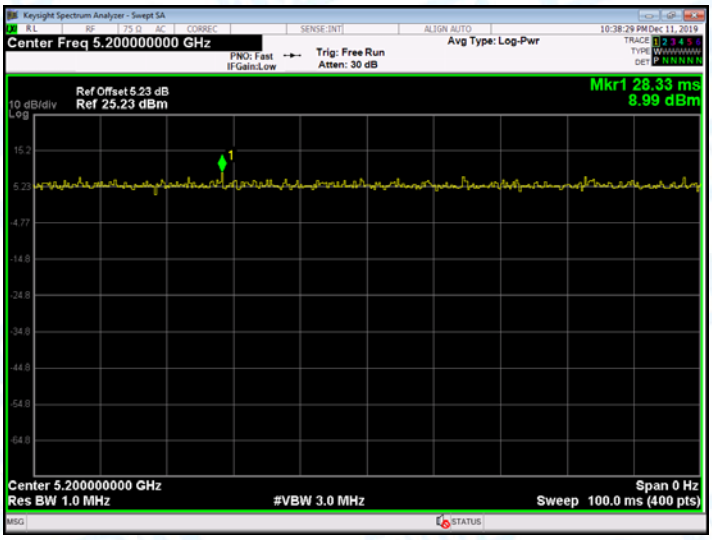
Test Mode	Frequency (MHz)	Test Data			Limit (dBm)
		Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	
802.11a	5745	20.49	0	20.49	30
	5785	19.82	0	19.82	
	5825	19.25	0	19.25	
802.11n (HT20)	5745	20.55	0	20.55	
	5785	19.62	0	19.62	
	5825	19.39	0	19.39	
802.11n (HT40)	5755	20.69	0	20.69	
	5795	19.86	0	19.86	

Result: PASS

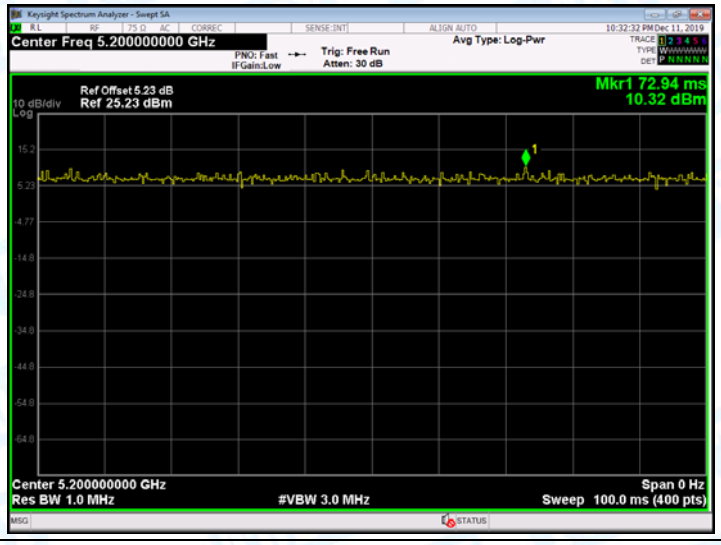
Test Mode		Duty cycle
U-NII-1	802.11 a	>98%
	802.11 n(HT20)	
	802.11 n(HT40)	
U-NII-3	802.11 a	
	802.11 n(HT20)	
	802.11 n(HT40)	

Please see the next plots.

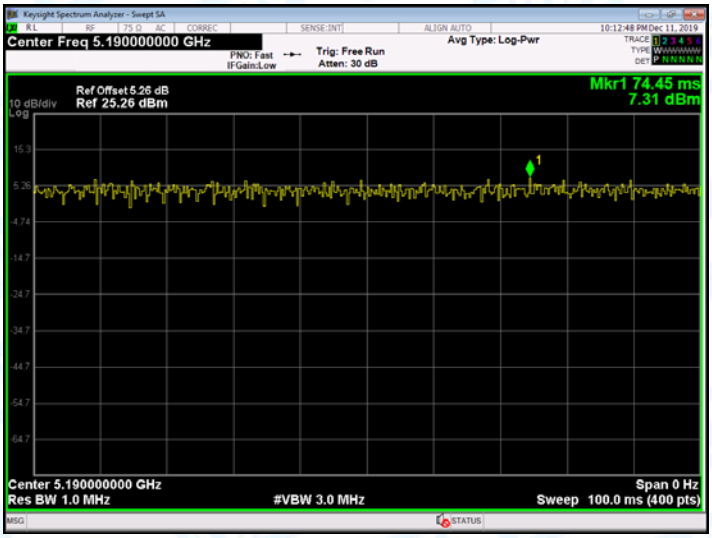
802.11 a 5200MHz U-NII-1



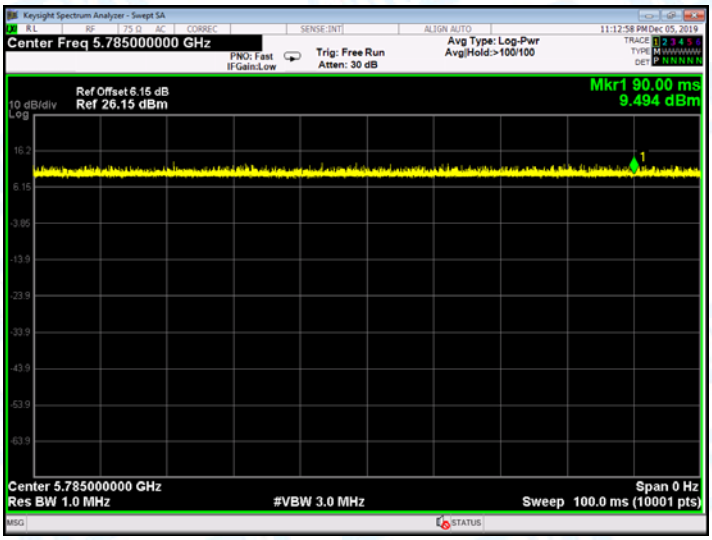
802.11 n(HT20) 5200MHz U-NII-1



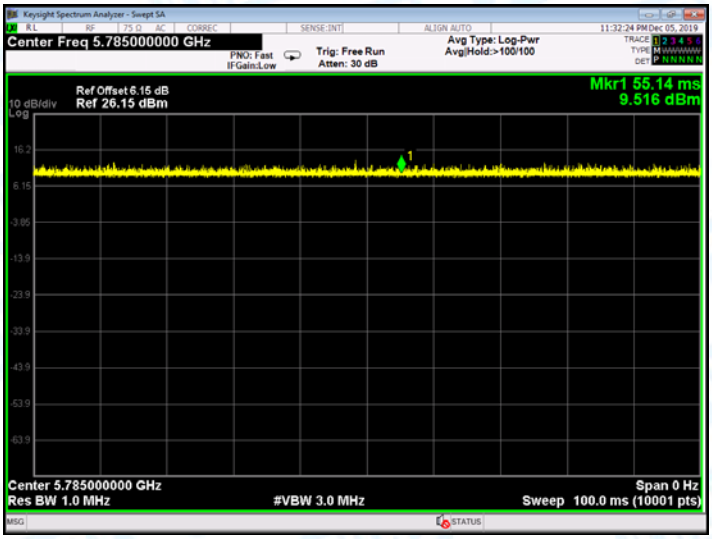
802.11 n(HT40) 5190MHz U-NII-1

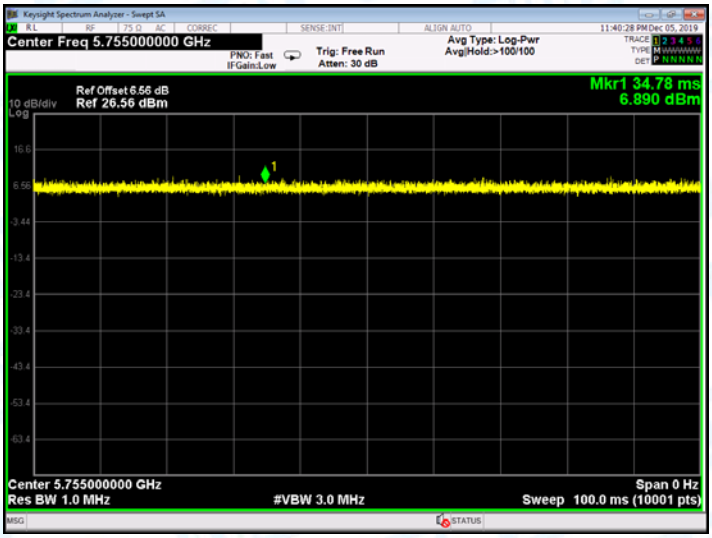


802.11 a 5785MHz U-NII-3



802.11 n(HT20) 5785MHz U-NII-3



802.11 n(HT40) 5755MHz U-NII-3


Attachment F-- Power Spectral Density Test Data

Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		

U-NII-1

Test Mode	Frequency (MHz)	Test Data			Limit (dBm/MHz)
		Power Density (dBm/MHz)	Duty Factor (dB)	Total Power Density (dBm/MHz)	
802.11a	5180	9.718	0	9.718	11
	5200	9.172	0	9.172	
	5240	8.849	0	8.849	
802.11n (HT20)	5180	10.597	0	10.597	
	5200	8.981	0	8.981	
	5240	8.539	0	8.539	
802.11n (HT40)	5190	8.586	0	8.586	
	5230	9.217	0	9.217	

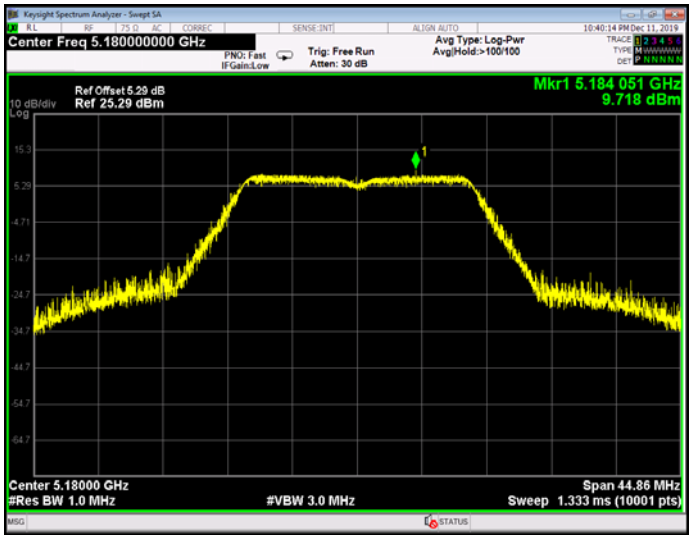
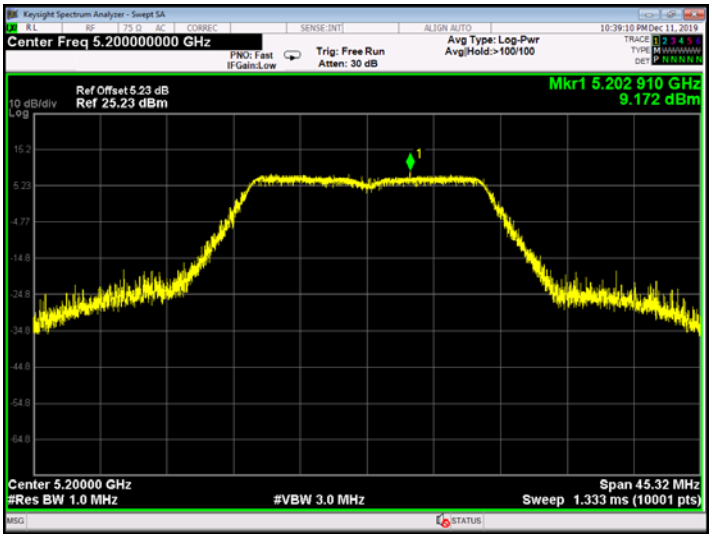
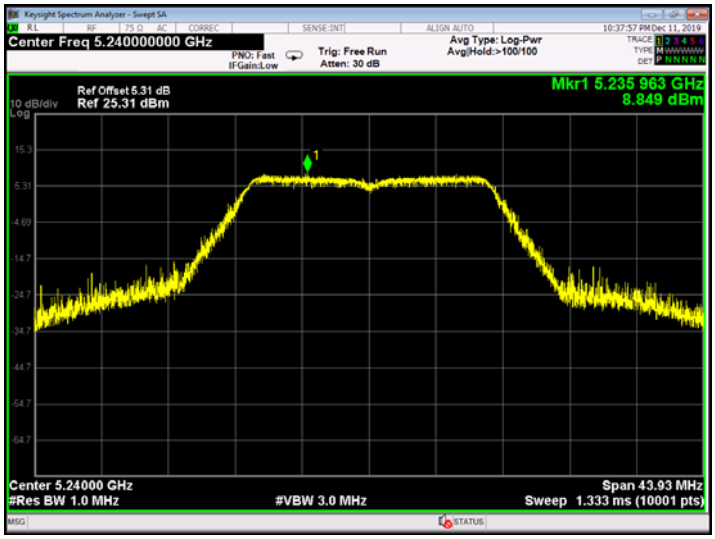
Result: PASS

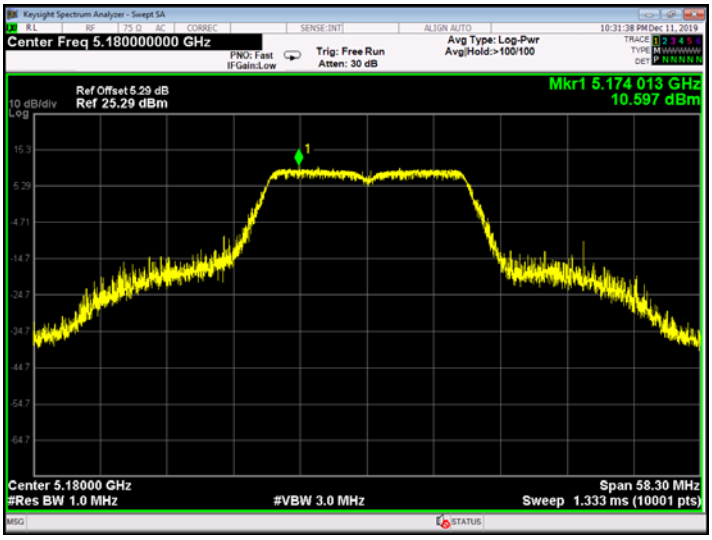
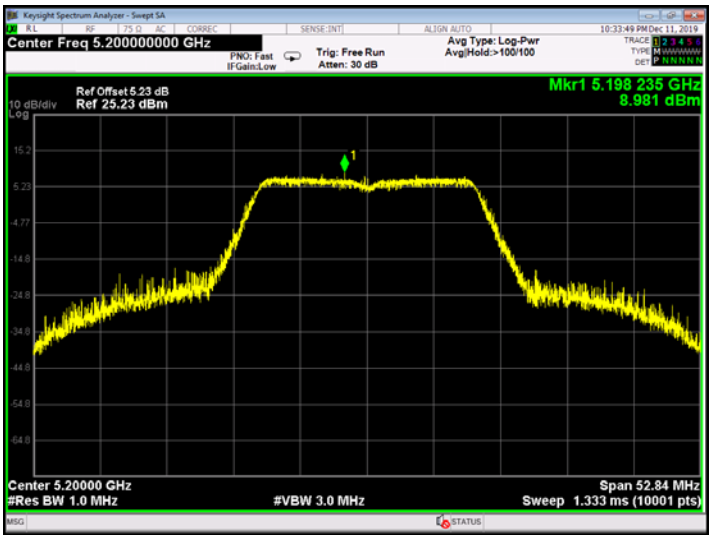
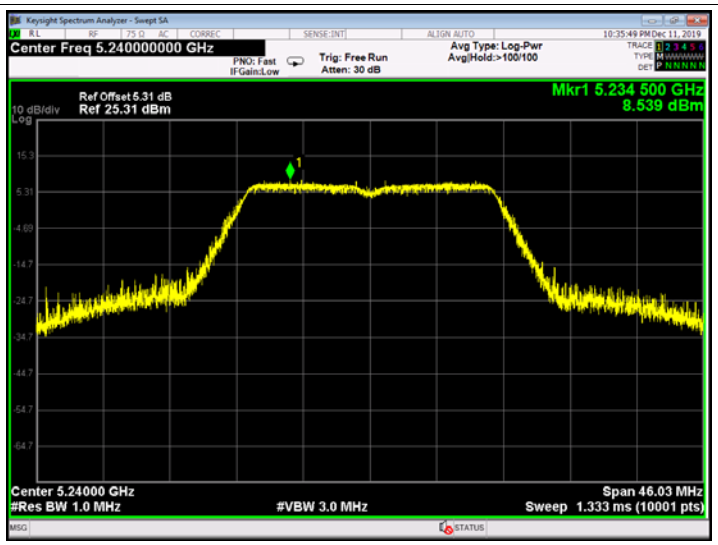
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		

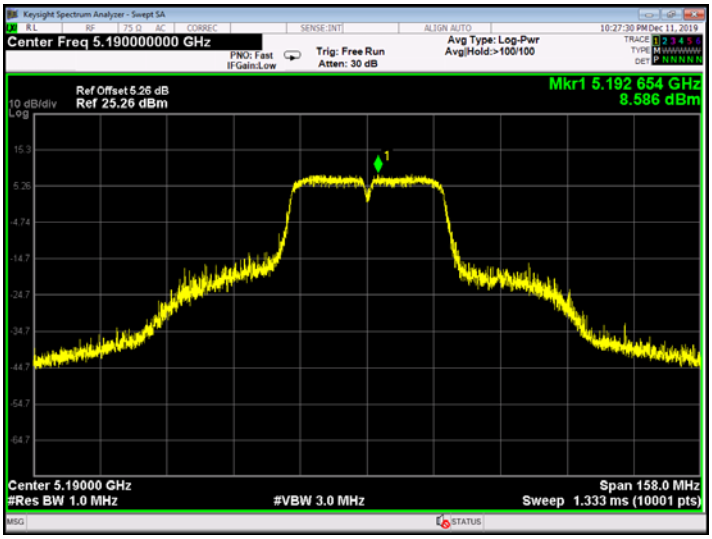
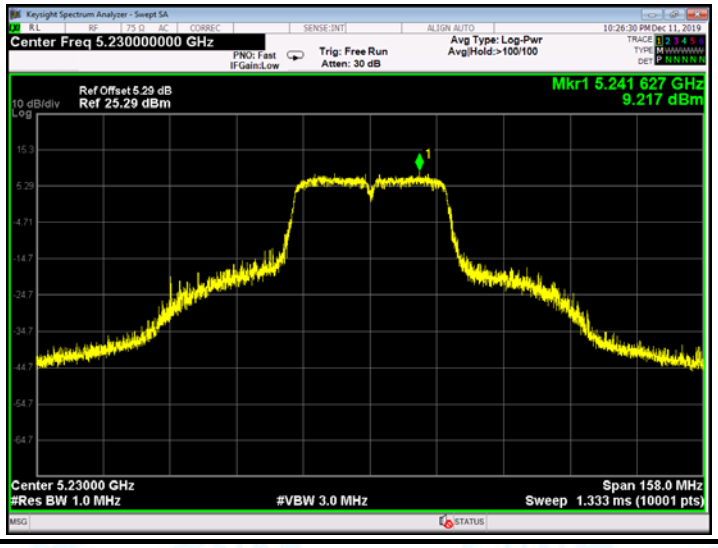
U-NII-3

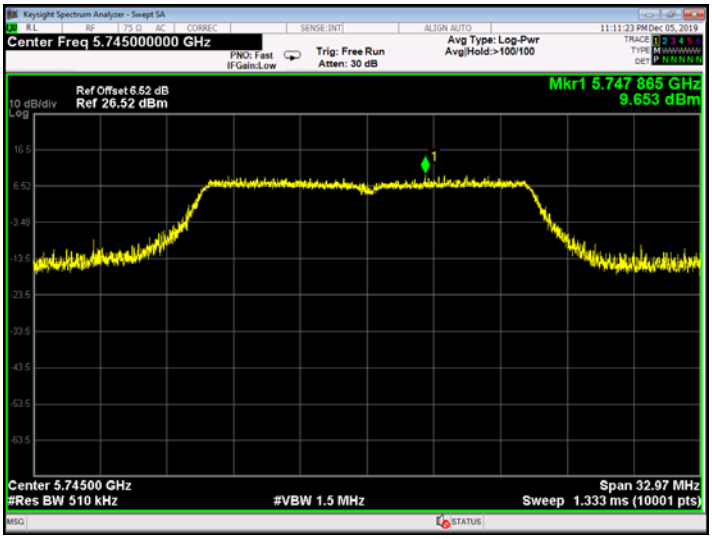
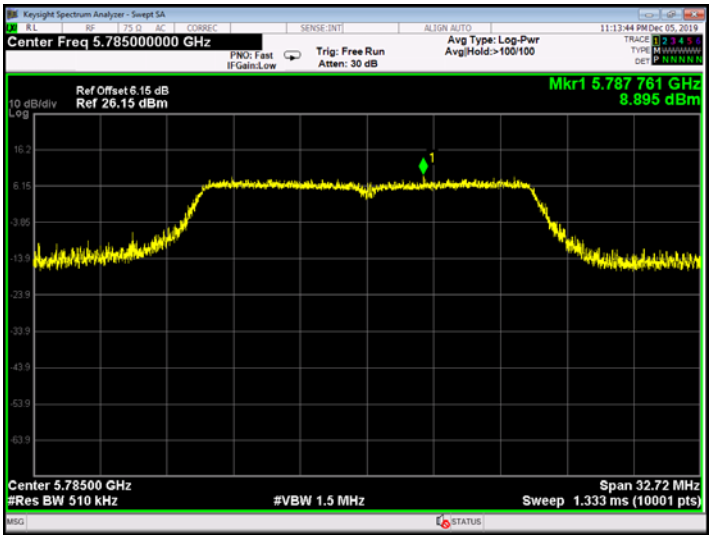
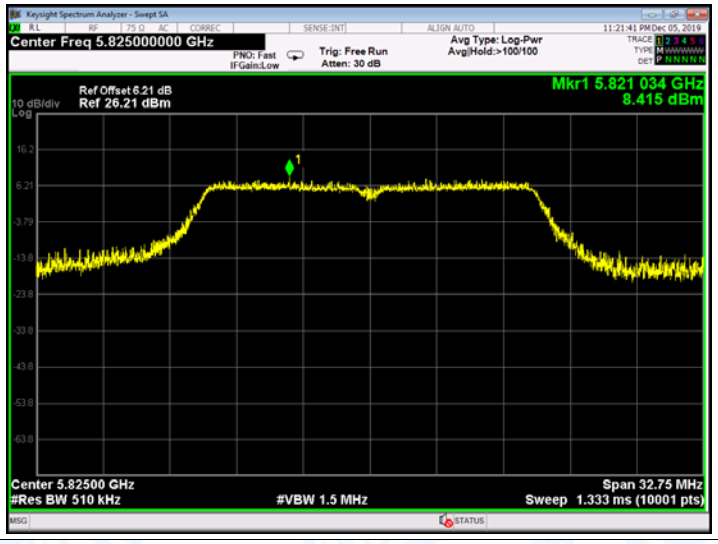
Test Mode	Frequency (MHz)	Test Data			Limit (dBm/500KHz)
		Power Density (dBm/500KHz)	Duty Factor (dB)	Total Power Density (dBm/500KHz)	
802.11a	5180	9.653	0	9.653	11
	5200	8.895	0	8.895	
	5240	8.415	0	8.415	
802.11n (HT20)	5180	9.882	0	9.882	
	5200	8.803	0	8.803	
	5240	8.502	0	8.502	
802.11n (HT40)	5190	6.555	0	6.555	
	5230	5.704	0	5.704	

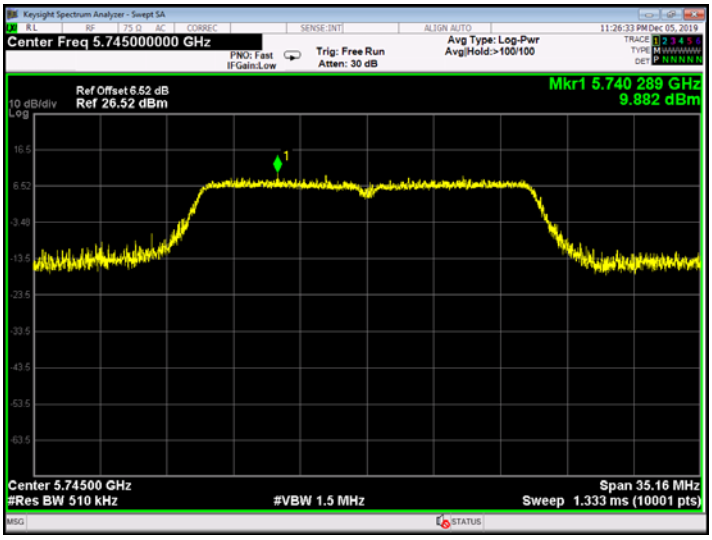
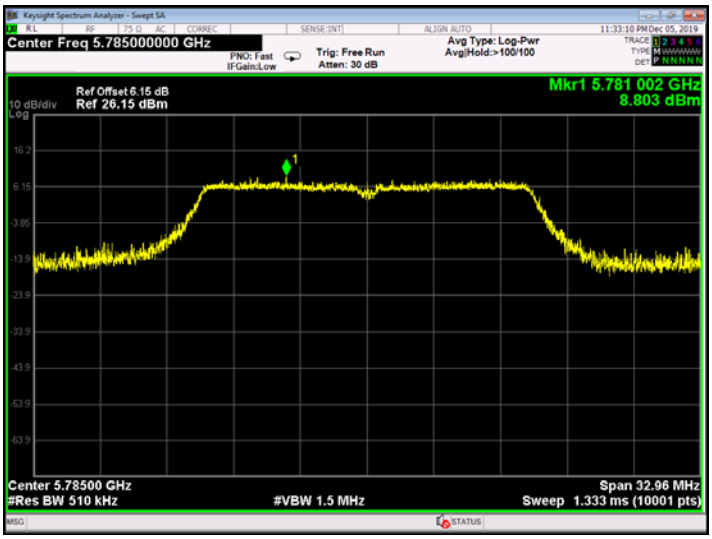
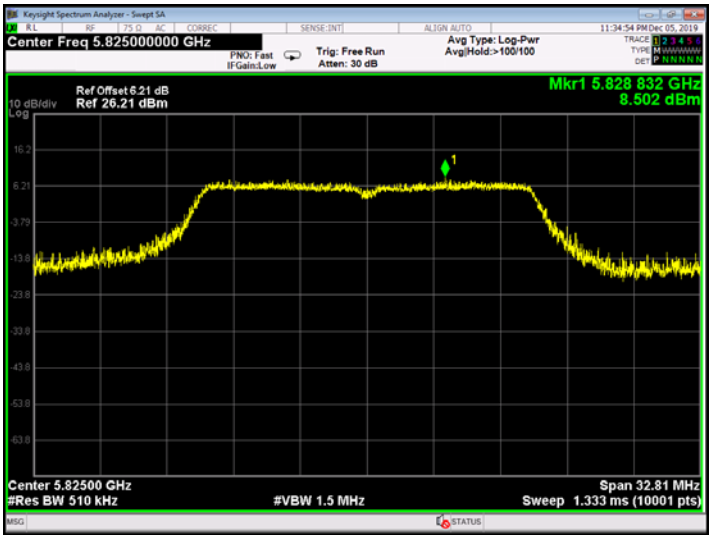
Result: PASS

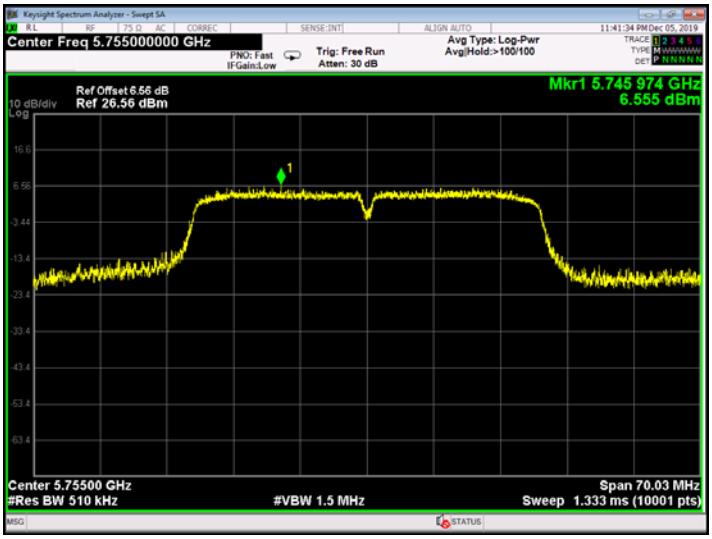
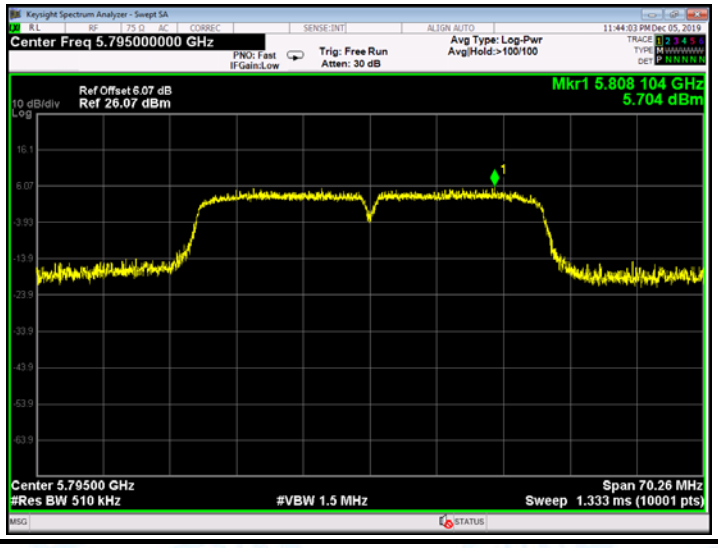
802.11 a 5180 MHz

802.11 a 5200 MHz

802.11 a 5240 MHz


802.11 n(HT20) 5180 MHz

802.11 n(HT20) 5200 MHz

802.11 n(HT20) 5240MHz


802.11 n(HT40) 5190 MHz

802.11 n(HT40) 5230 MHz


802.11 a 5745 MHz

802.11 a 5785 MHz

802.11 a 5825 MHz


802.11 n(HT20) 5745 MHz

802.11 n(HT20) 5785 MHz

802.11 n(HT20) 5825 MHz


802.11 n(HT40) 5755 MHz

802.11 n(HT40) 5795 MHz


Attachment G----Frequency Stability Measurement Data

Only show the worst case 802.11 a Mode 5180MHz.

801.11a U-NII-1: 5180 MHz	
Voltage vs. Frequency Stability	
Voltage (V)	**Measurement Frequency (MHz)**
132	5180.0600
120	5180.0000
118	5180.0000
Limit Range (MHz)	5150-5250
Result	PASS
Temperature vs. Frequency Stability	
Temperature (℃)	**Measurement Frequency (MHz)**
0	5180.0200
10	5180.0300
20	5180.0000
30	5180.0300
40	5180.0500
50	5180.0400
Limit Range (MHz)	5150-5250
Result	PASS

Only show the worst case 802.11 a Mode 5745MHz.

801.11a U-NII-3: 5745 MHz	
Voltage vs. Frequency Stability	
Voltage (V)	**Measurement Frequency (MHz)**
132	5745.0300
120	5745.0000
118	5744.0400
Limit Range (MHz)	5725-5850
Result	PASS
Temperature vs. Frequency Stability	
Temperature (℃)	**Measurement Frequency (MHz)**
0	5745.0400
10	5745.0200
20	5745.0000
30	5745.0600
40	5745.0300
50	5745.0500
Limit Range (MHz)	5725-5850
Result	PASS

-----END OF REPORT-----