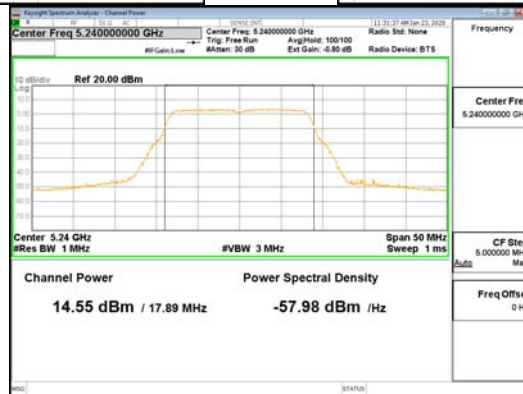
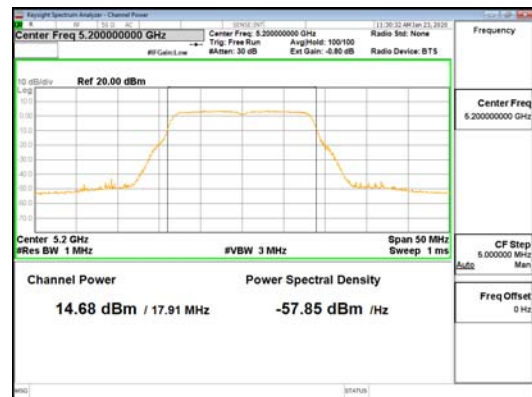
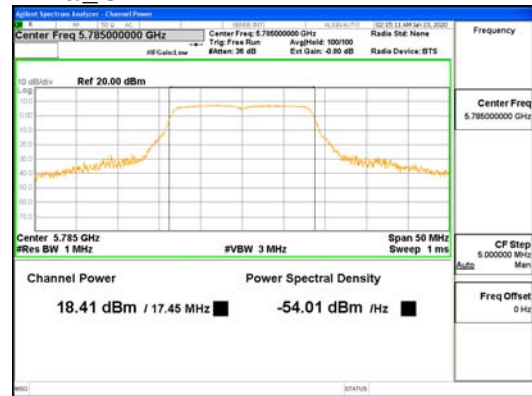
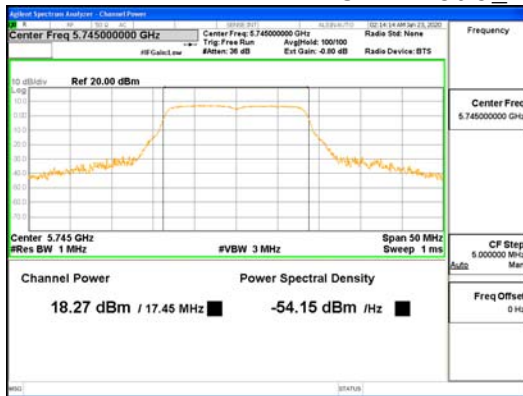
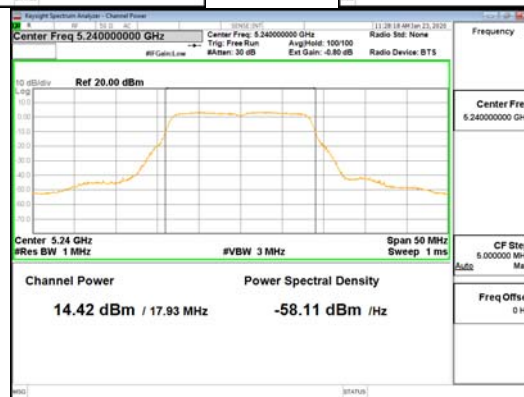
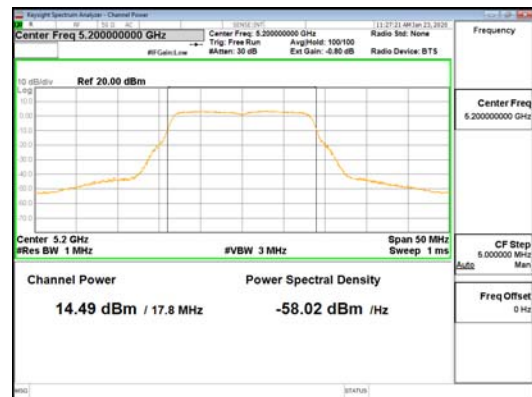
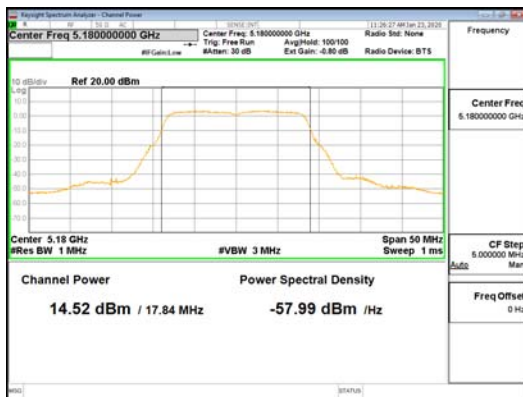




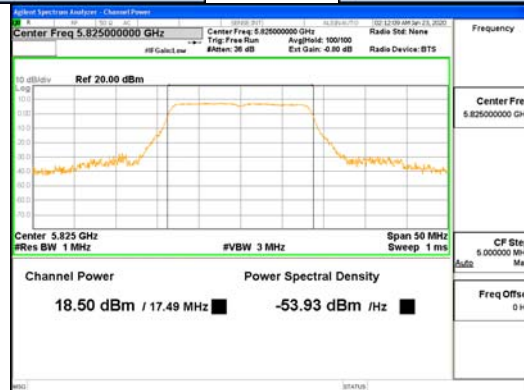
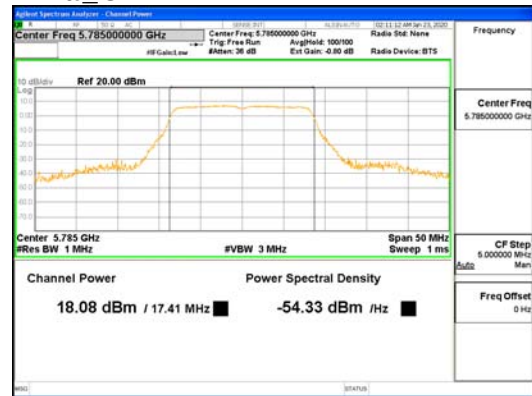
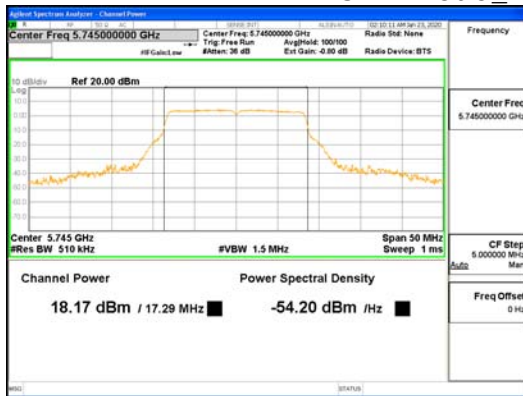
CDD Mode_ANT3_802.11a_UNII-1



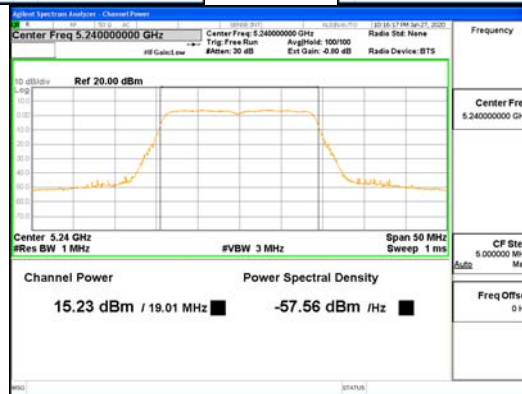
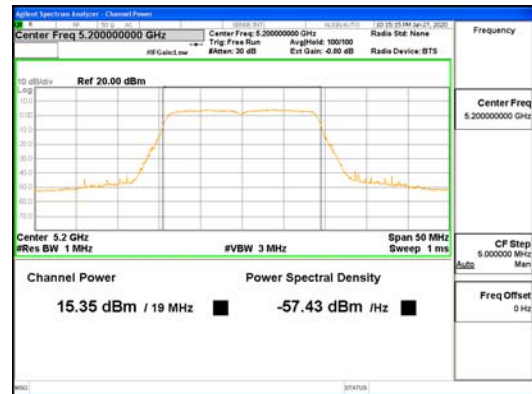
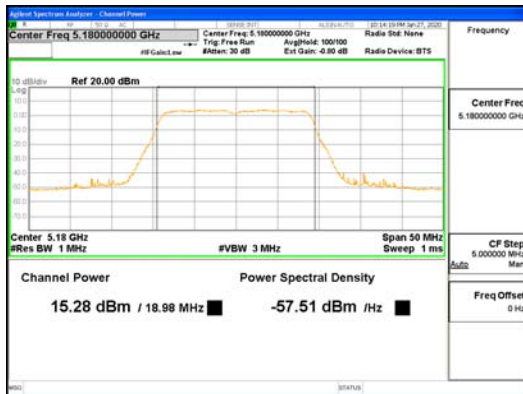
CDD Mode_ANT3_802.11a_UNII-3



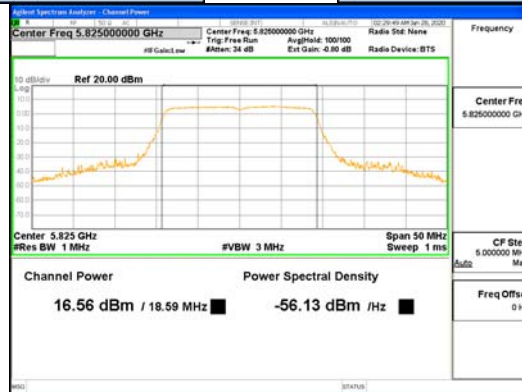
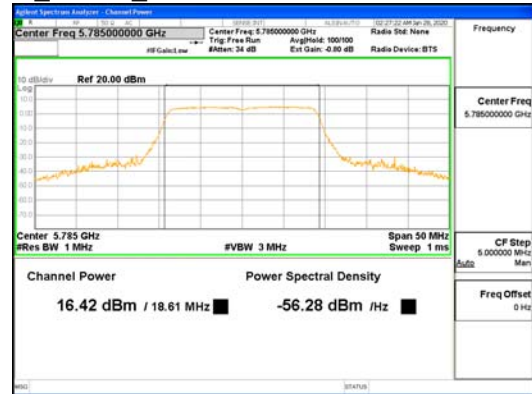
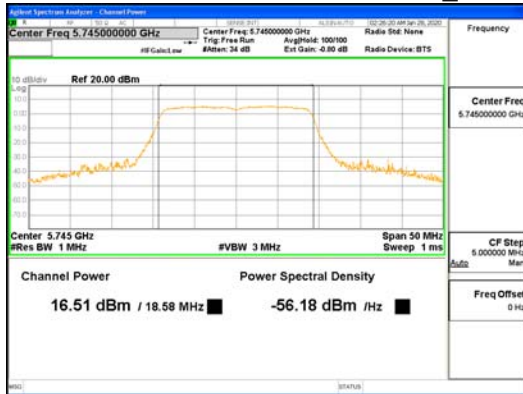
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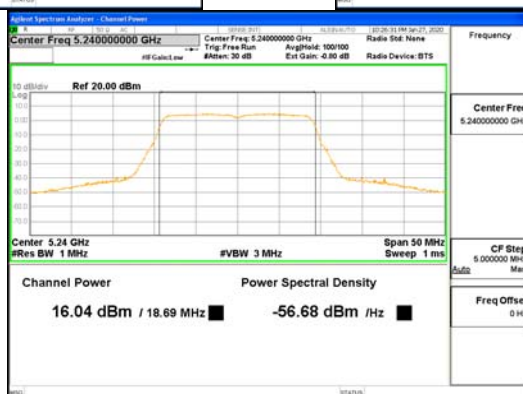
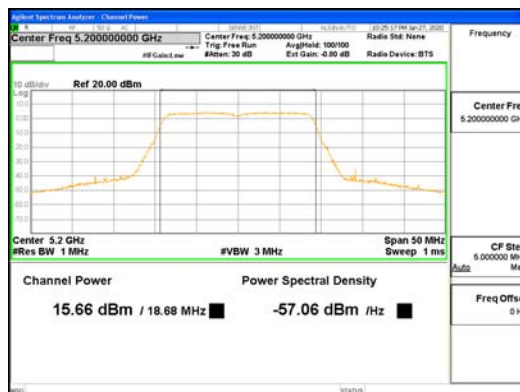
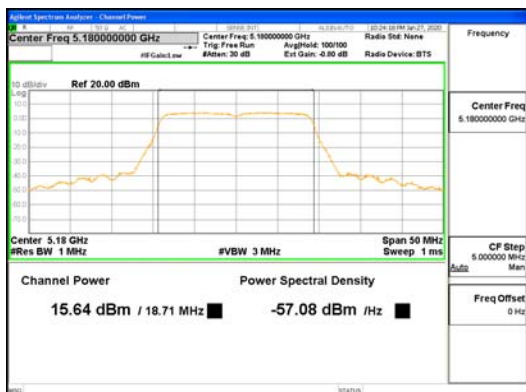
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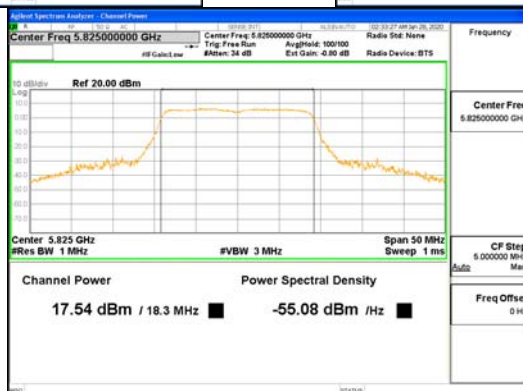
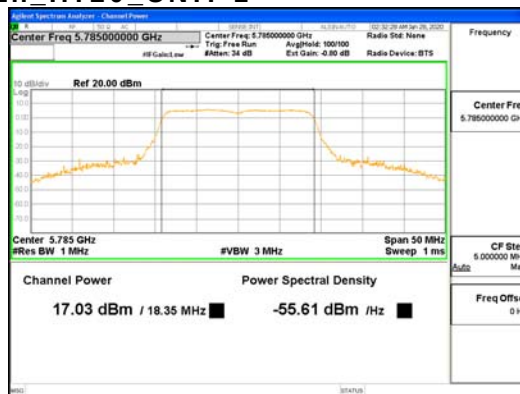
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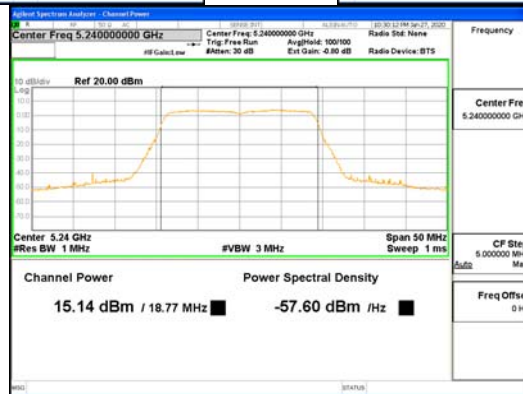
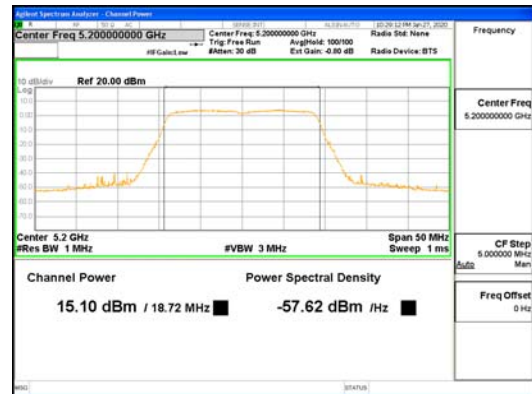
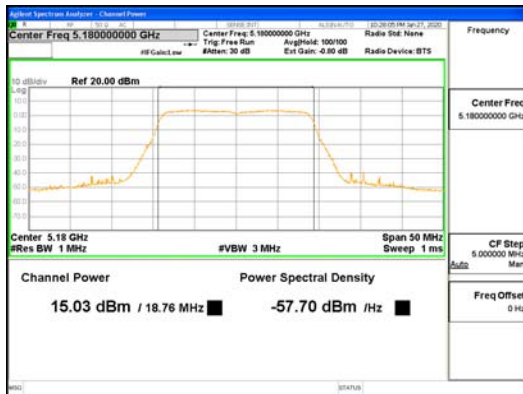
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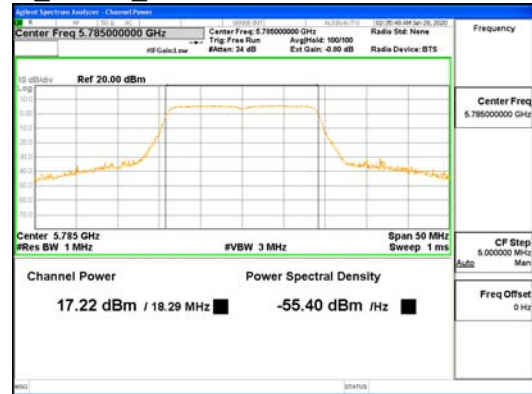
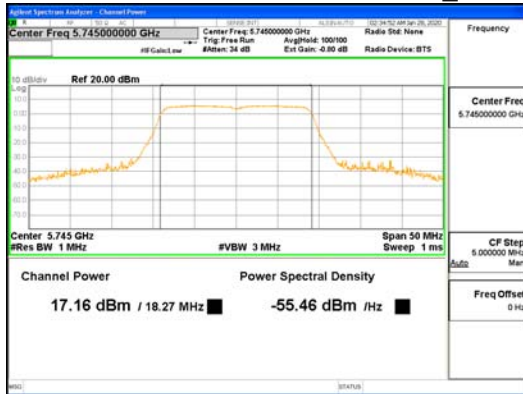
CDD Mode_ANT2_802.11n_HT20_UNII-1



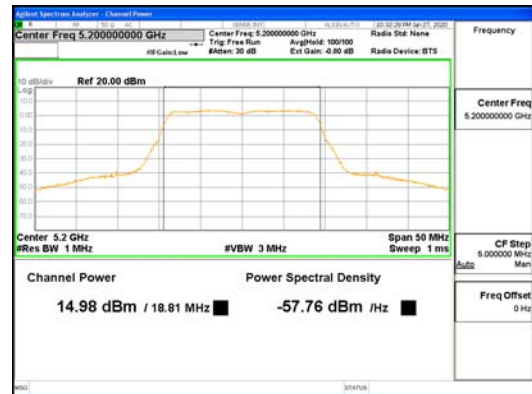
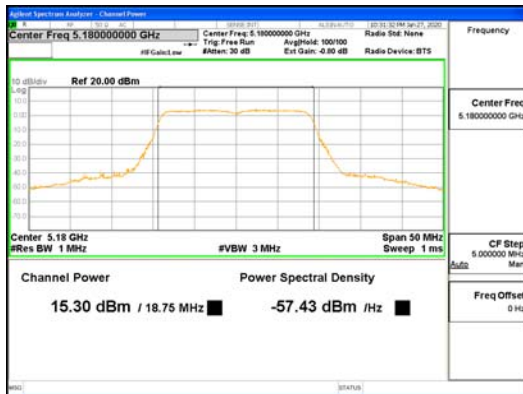
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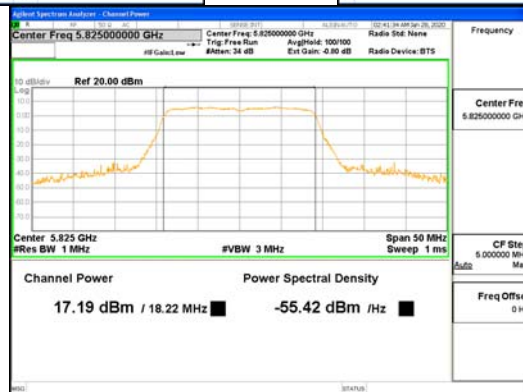
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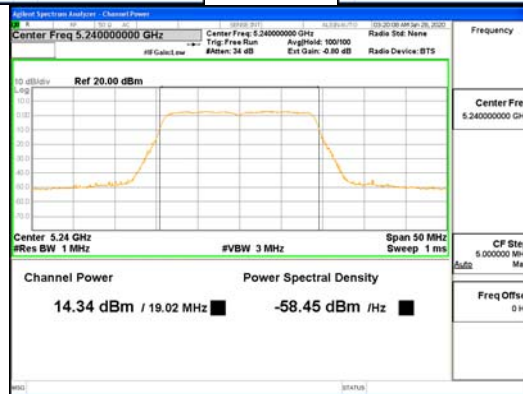
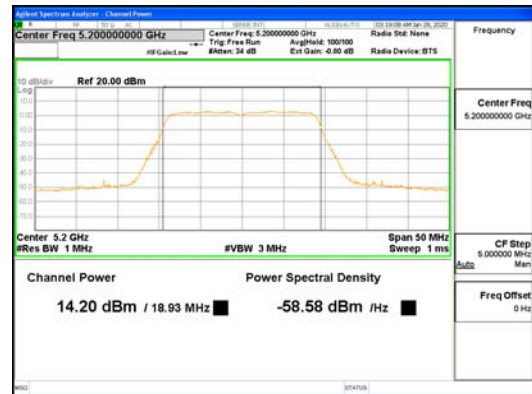
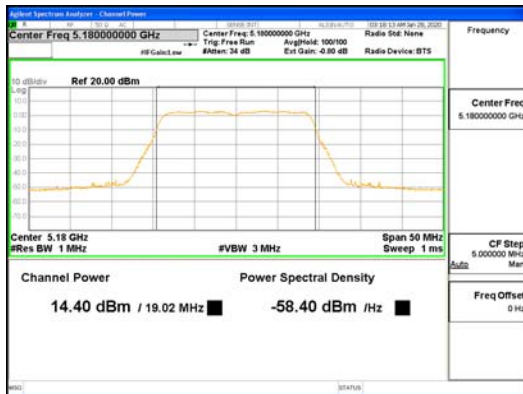
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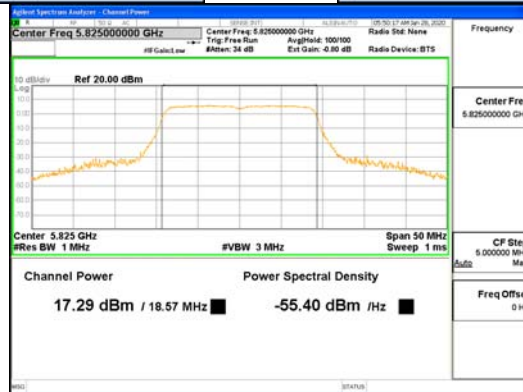
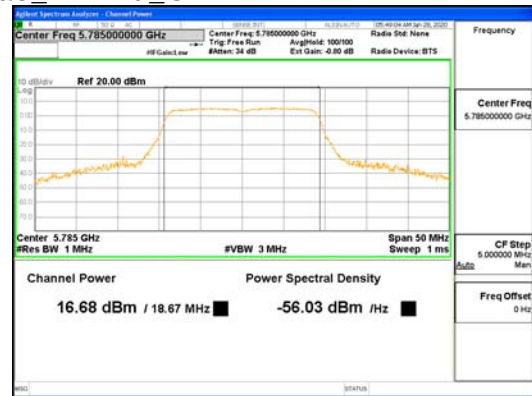
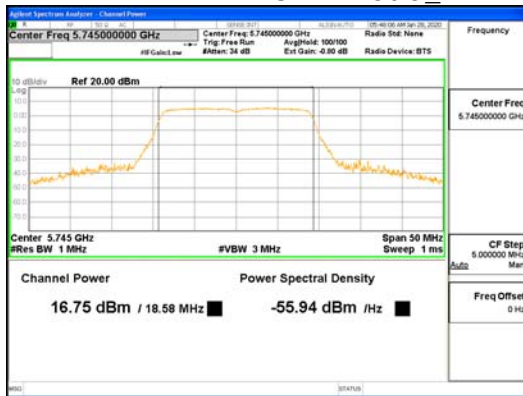
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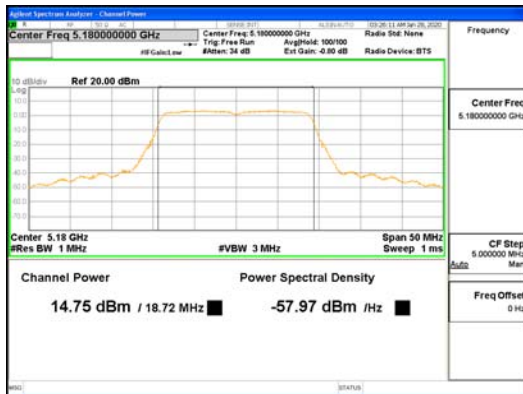
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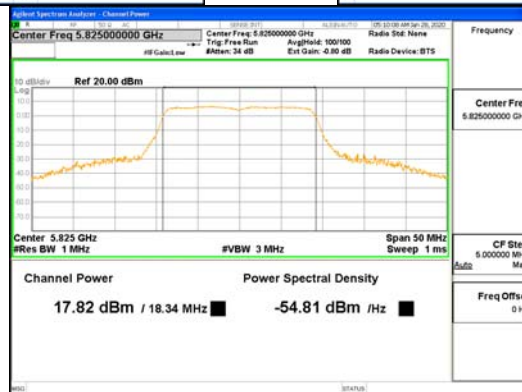
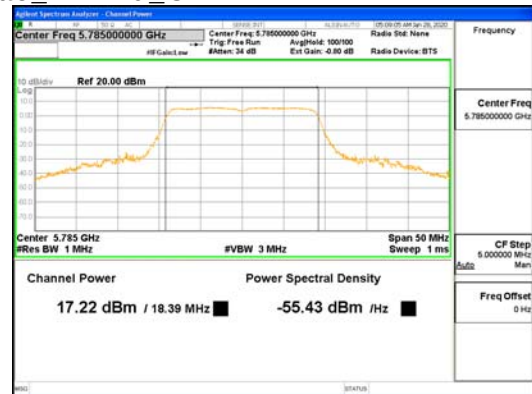
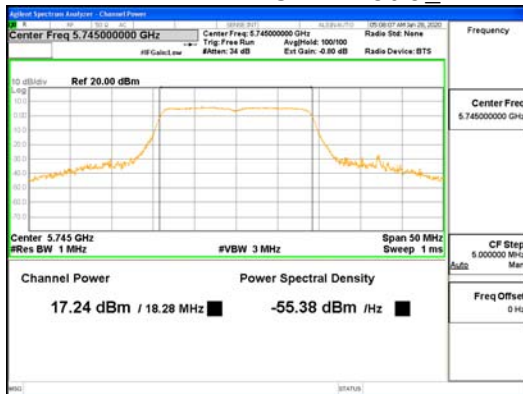
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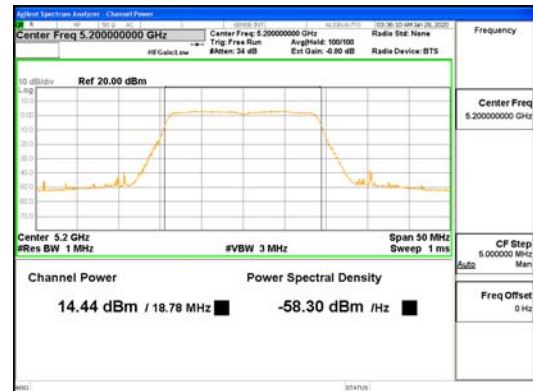
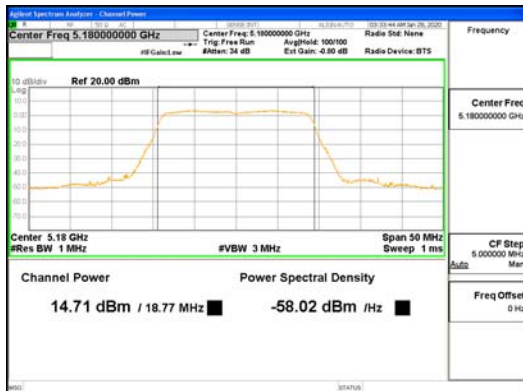
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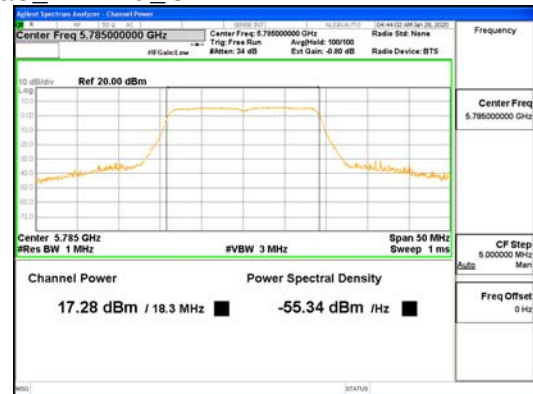
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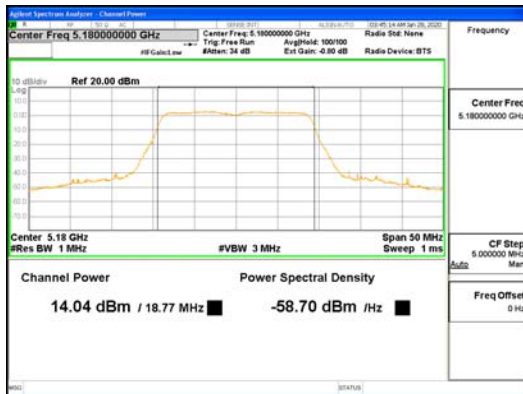
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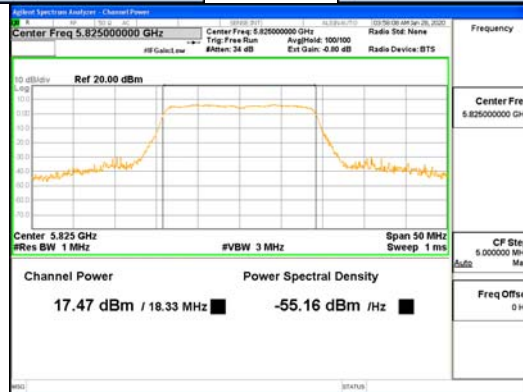
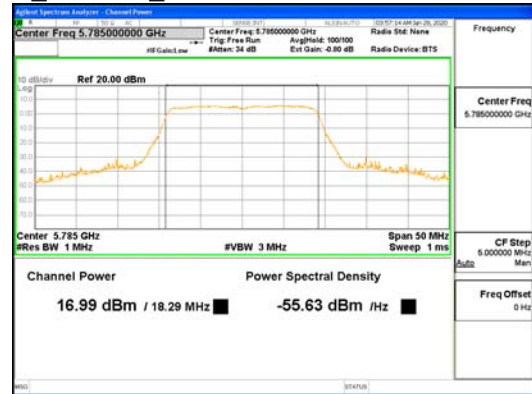
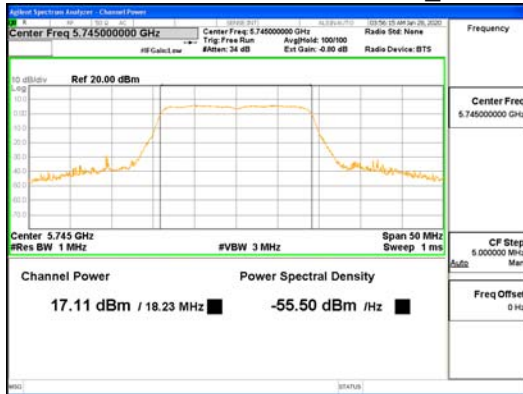
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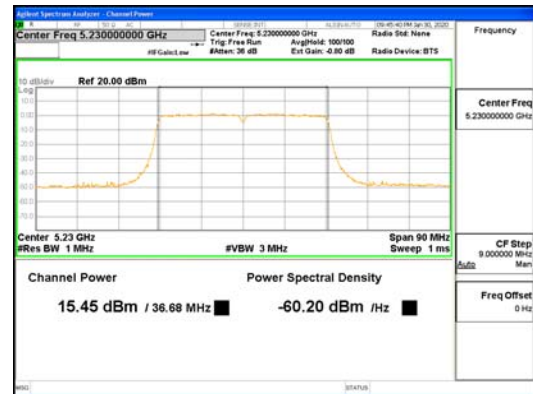
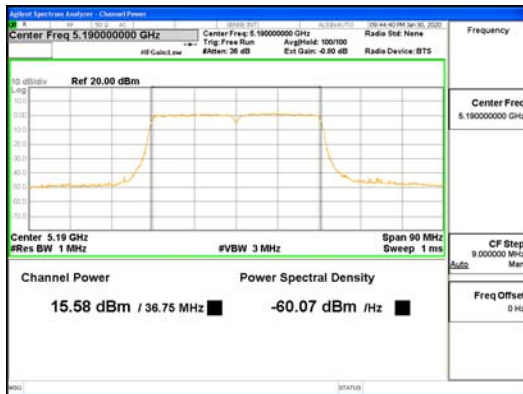
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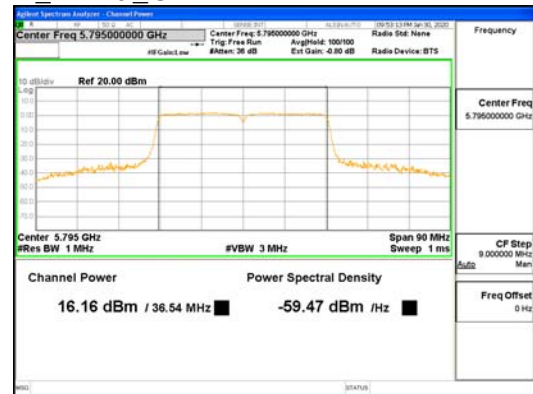
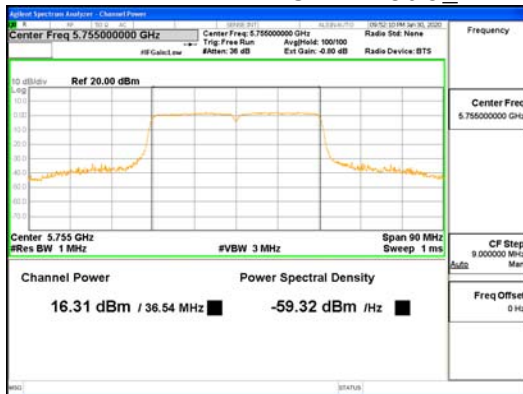
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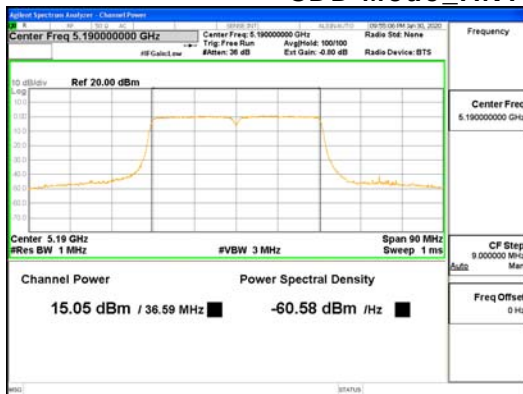
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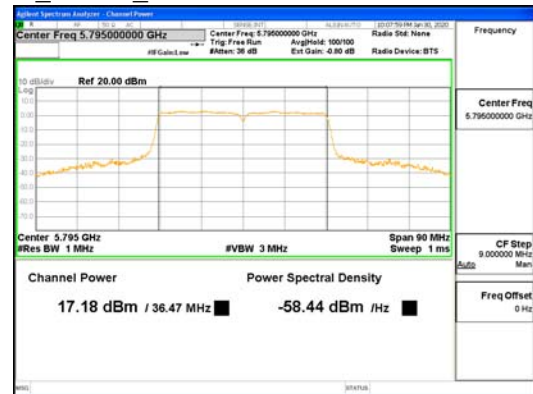
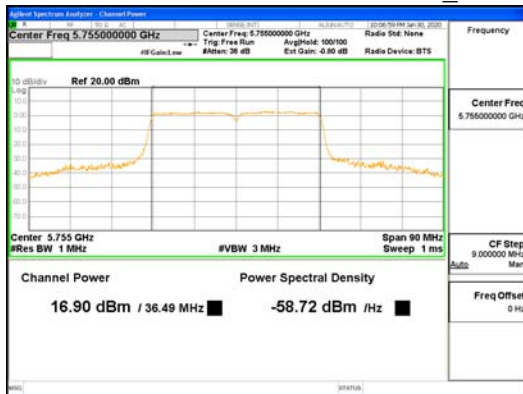
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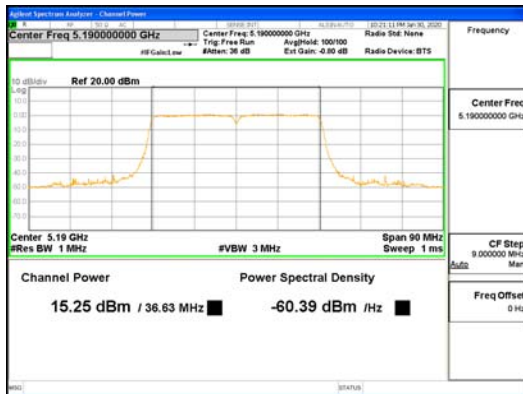
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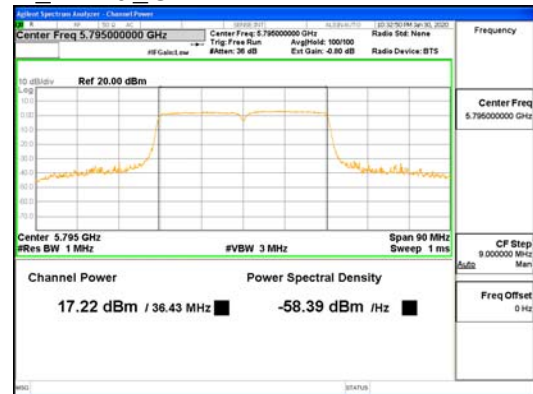
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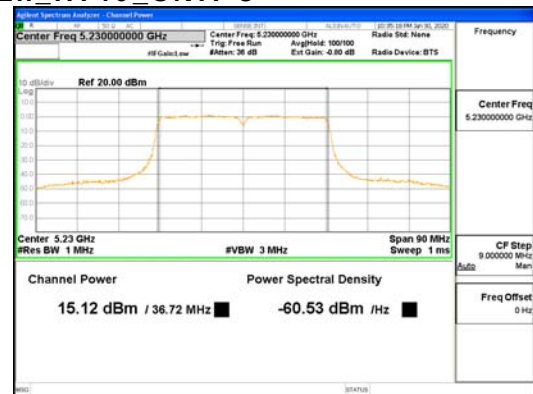
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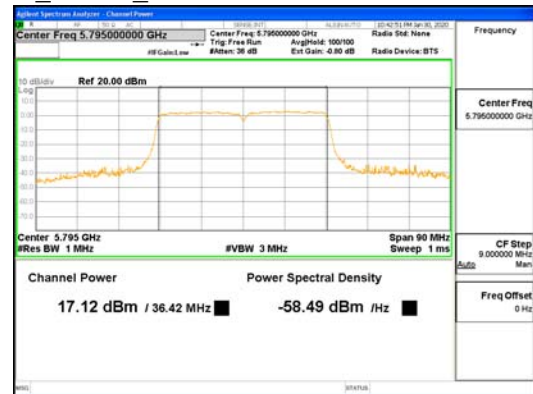
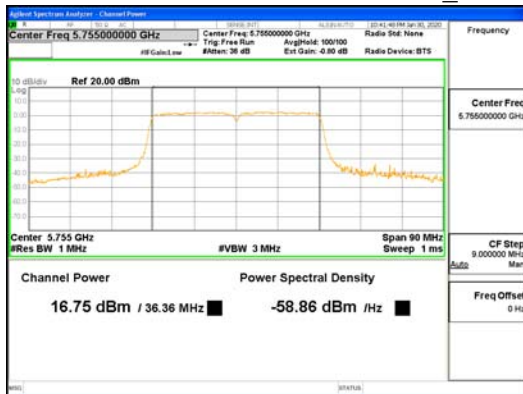
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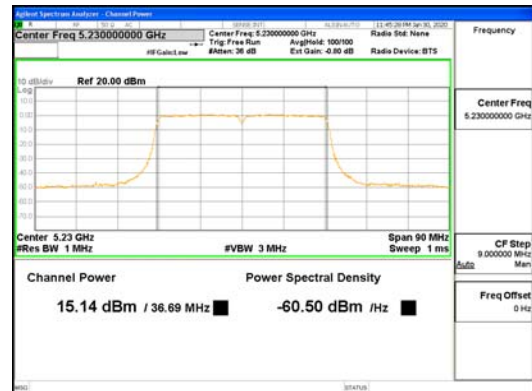
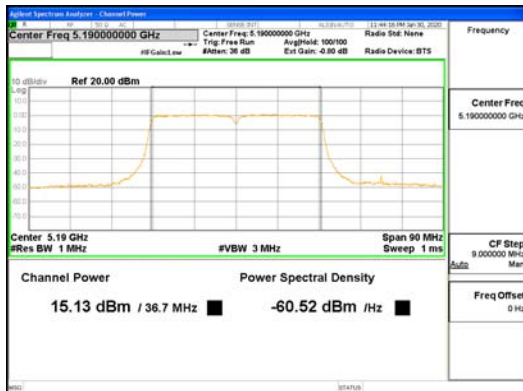
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CDD Mode_ANT4_802.11n_HT40_UNII-1



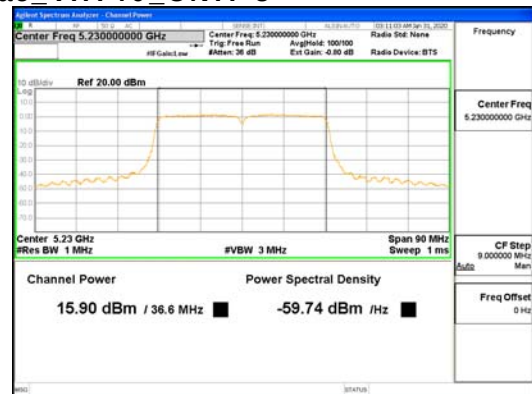
CDD Mode_ANT4_802.11n_HT40_UNII-3



CDD Mode ANT1 802.11ac VHT40 UNII-1



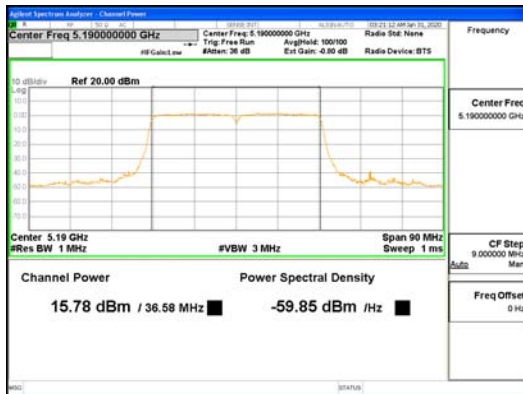
CDD Mode ANT1 802.11ac VHT40 UNII-3



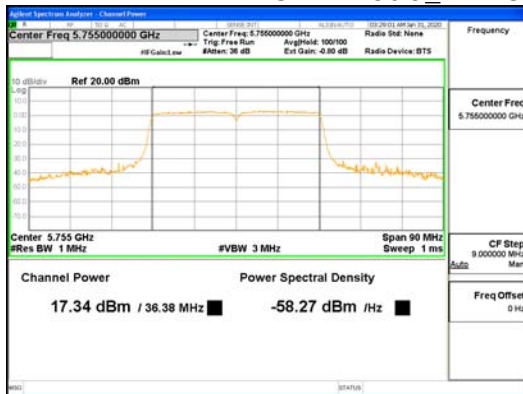
CDD Mode ANT2 802.11ac VHT40 UNII-1



CDD Mode ANT2 802.11ac VHT40 UNII-3



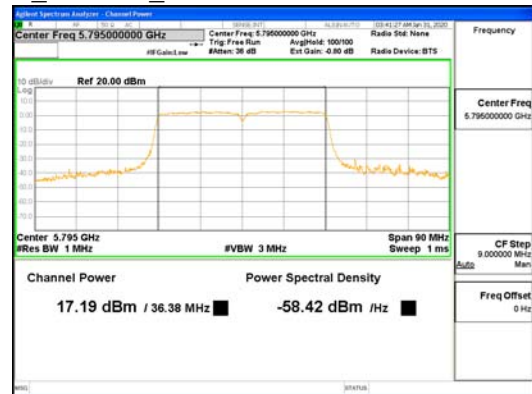
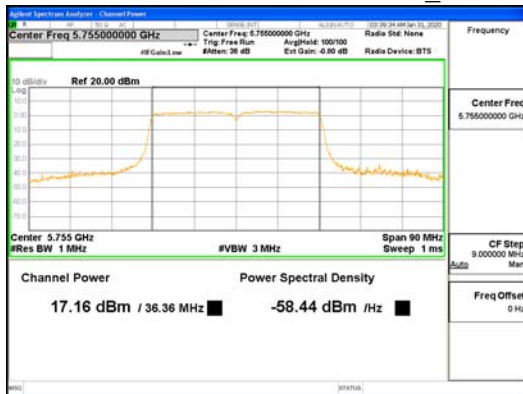
CDD Mode ANT3 802.11ac VHT40 UNII-1



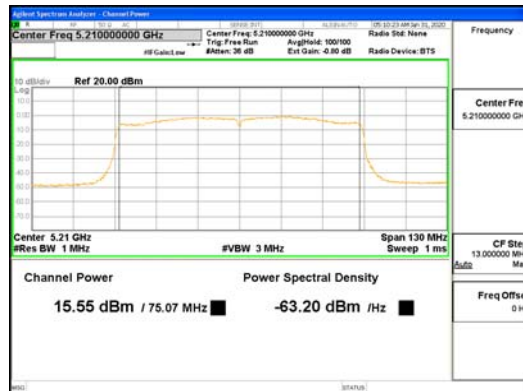
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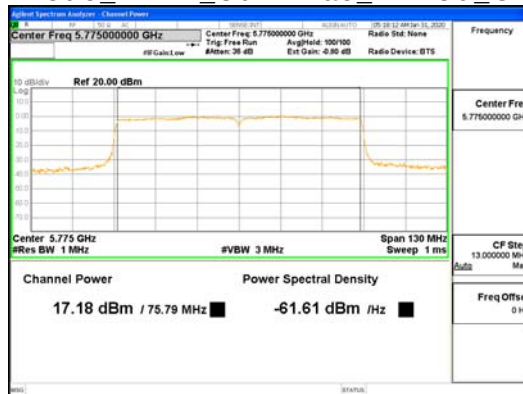
CDD Mode ANT4 802.11ac VHT40 UNII-1



CDD Mode ANT4 802.11ac VHT40 UNII-3



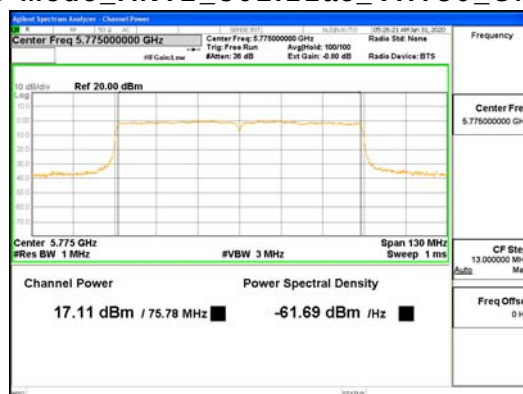
CDD Mode_ANT1_802.11ac_VHT80_UNII-1



CDD Mode_ANT1_802.11ac_VHT80_UNII-3



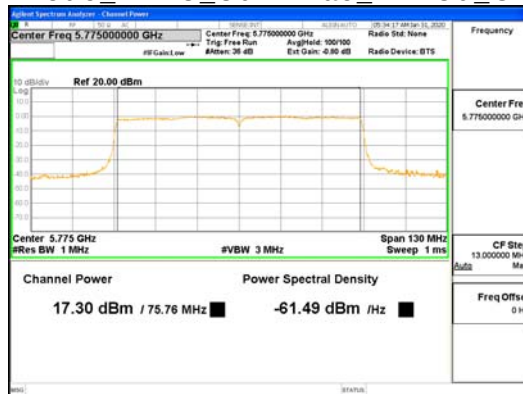
CDD Mode_ANT2_802.11ac_VHT80_UNII-1



CDD Mode_ANT2_802.11ac_VHT80_UNII-3



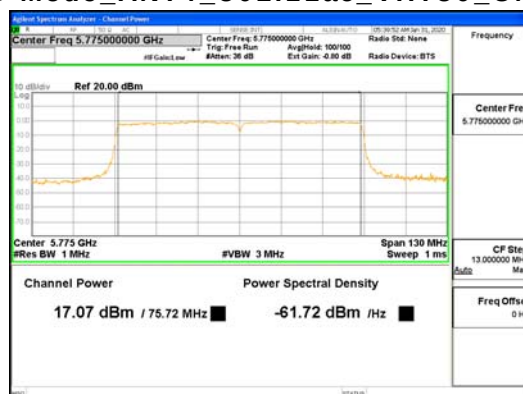
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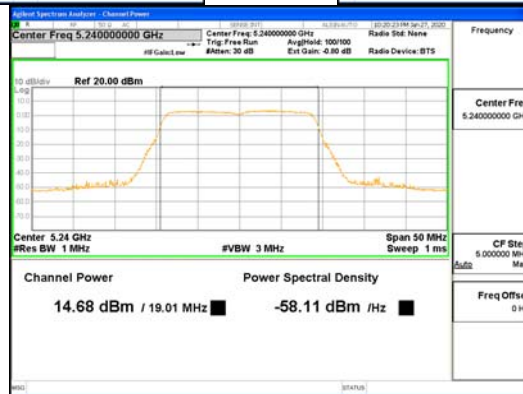
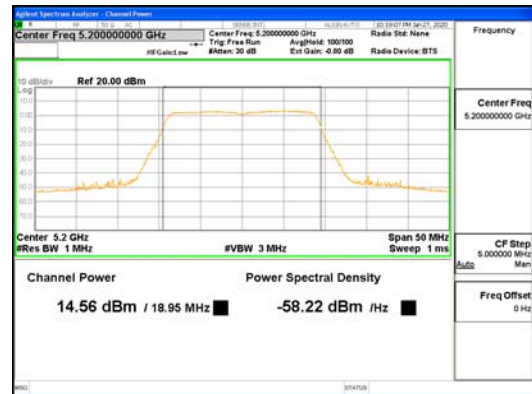
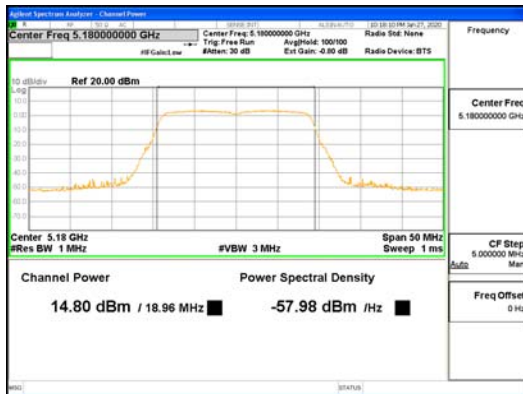
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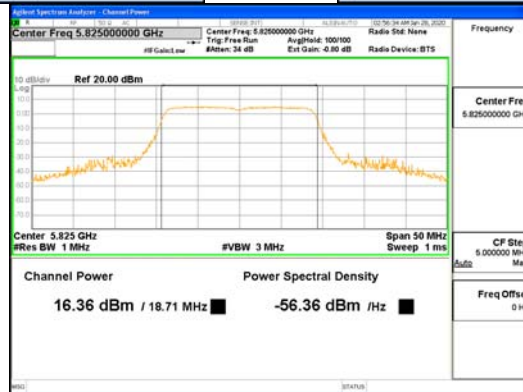
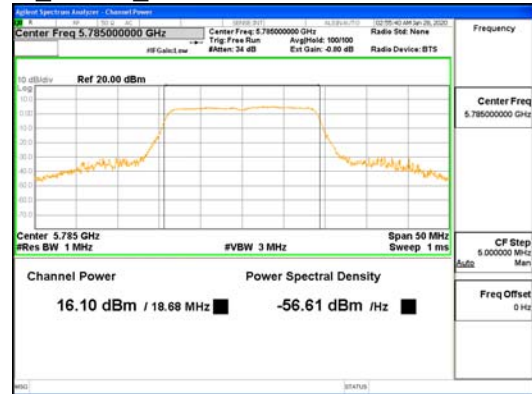
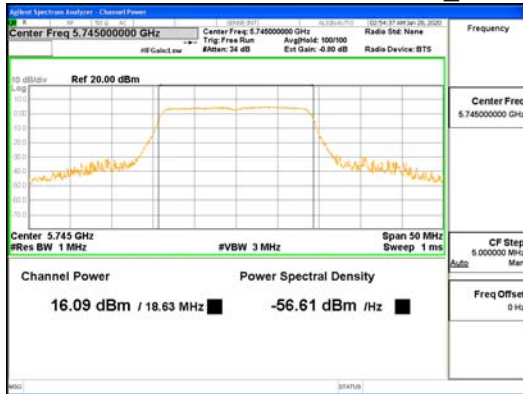
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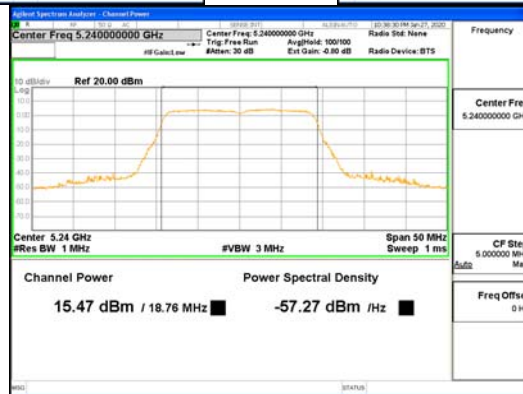
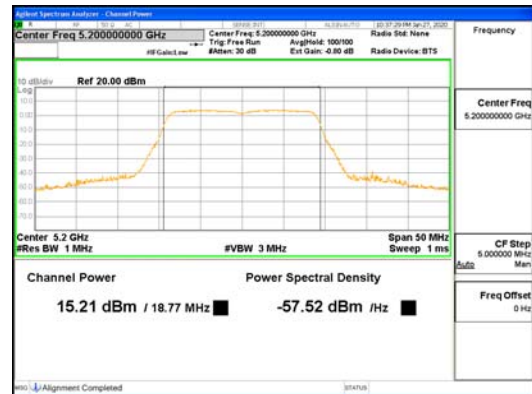
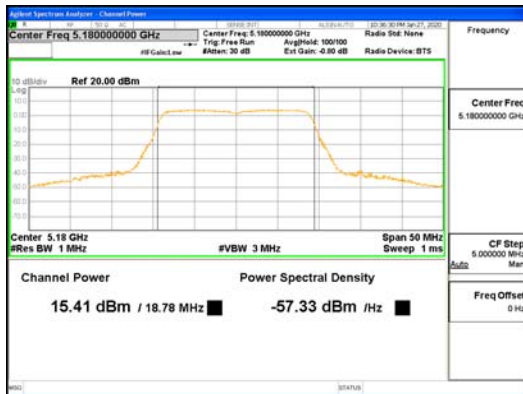
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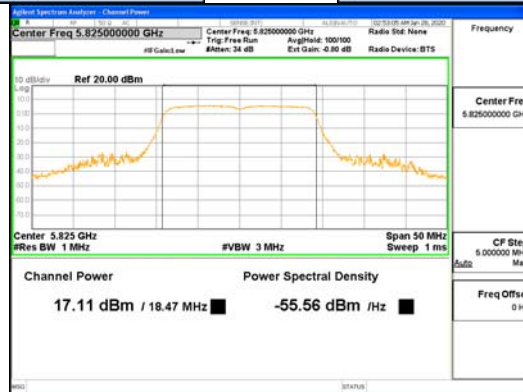
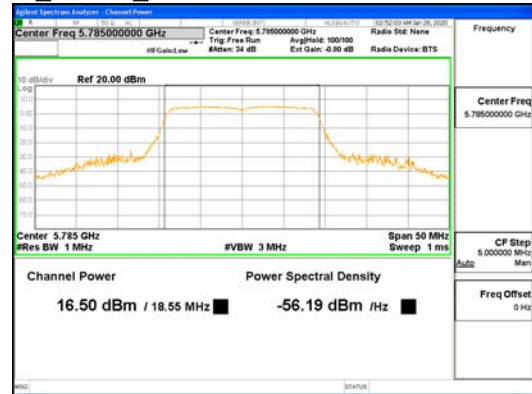
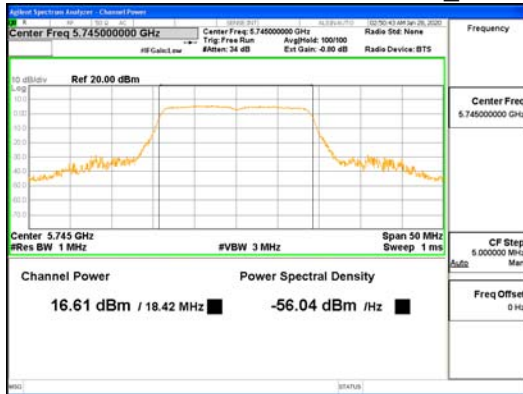
SDM Mode_ANT1_802.11n_HT20_UNII-1



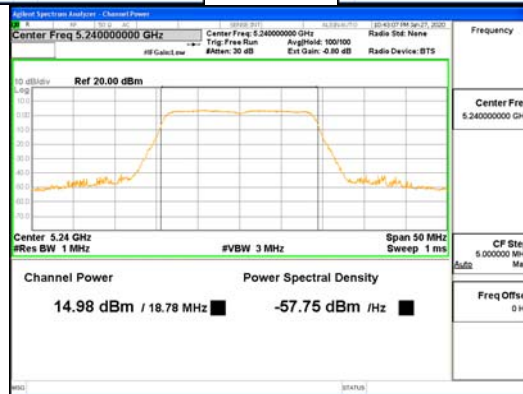
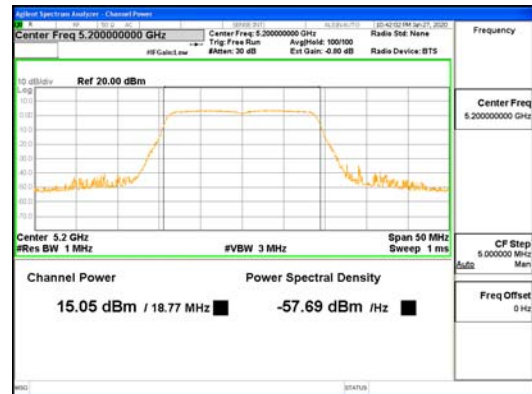
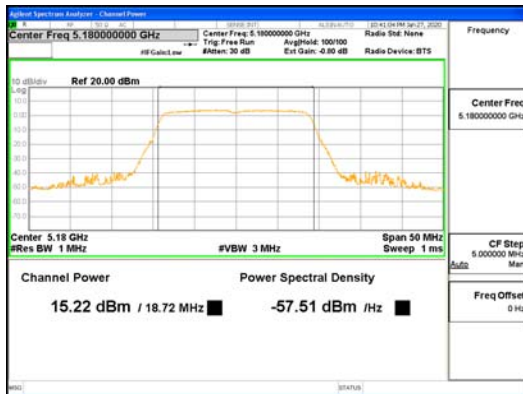
SDM Mode_ANT1_802.11n_HT20_UNII-3



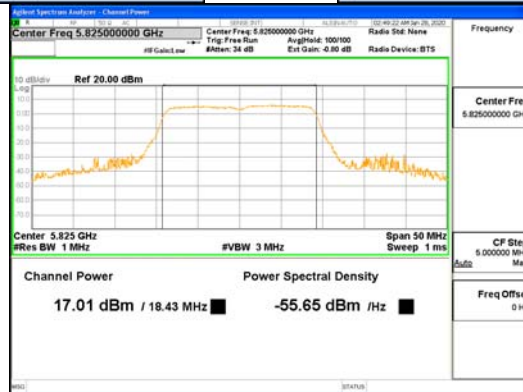
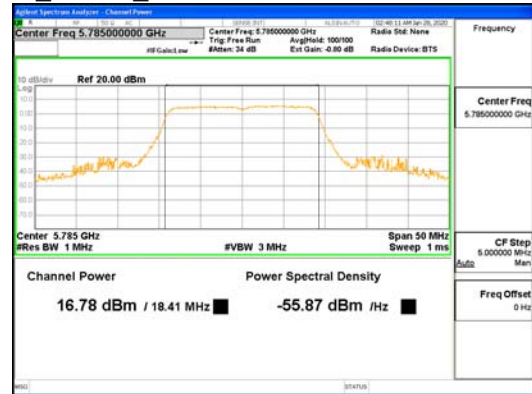
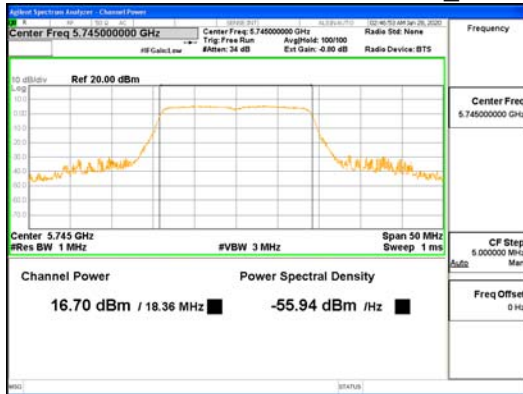
SDM Mode_ANT2_802.11n_HT20_UNII-1



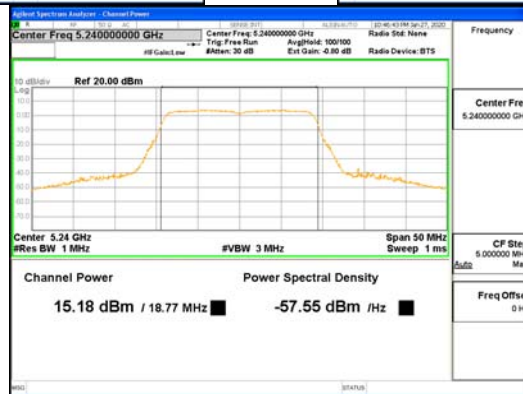
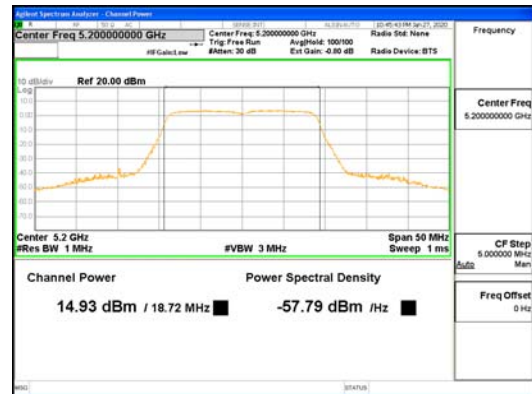
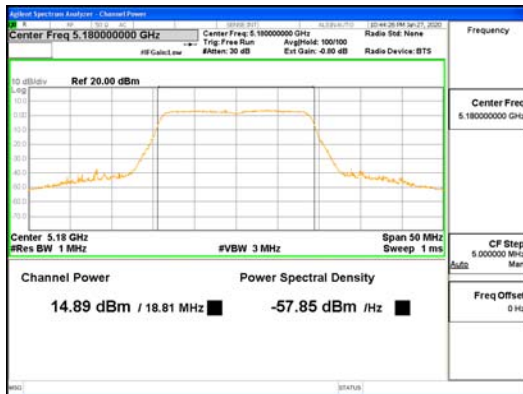
SDM Mode_ANT2_802.11n_HT20_UNII-3



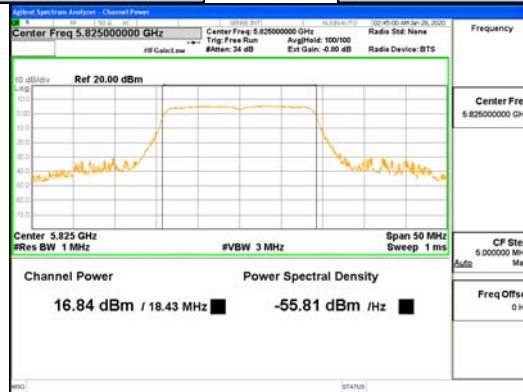
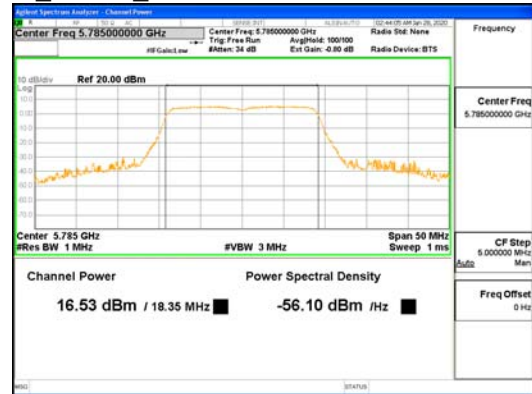
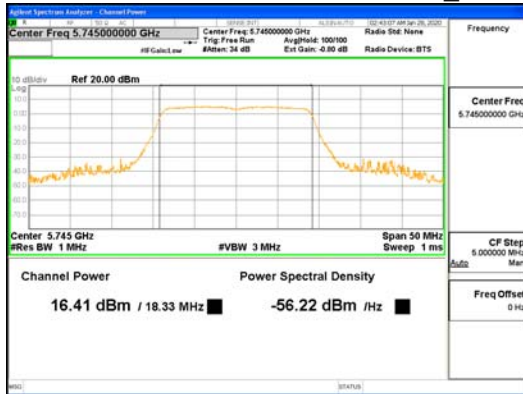
SDM Mode_ANT3_802.11n_HT20_UNII-1



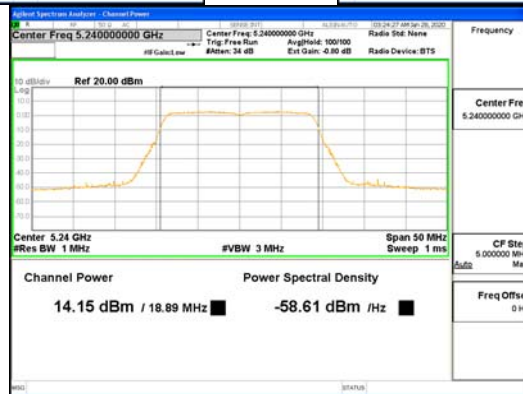
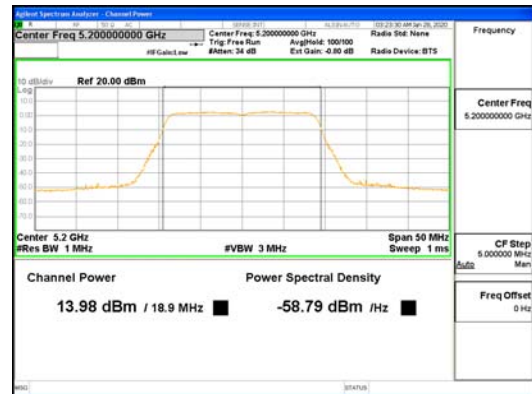
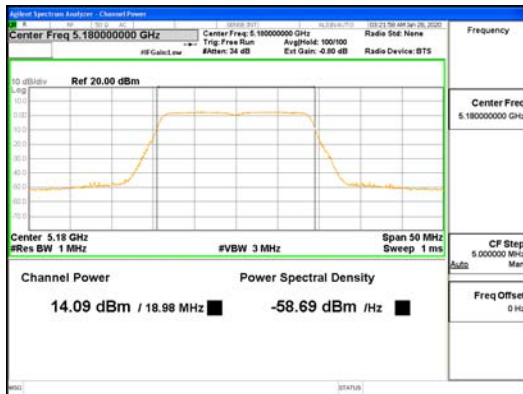
SDM Mode_ANT3_802.11n_HT20_UNII-3



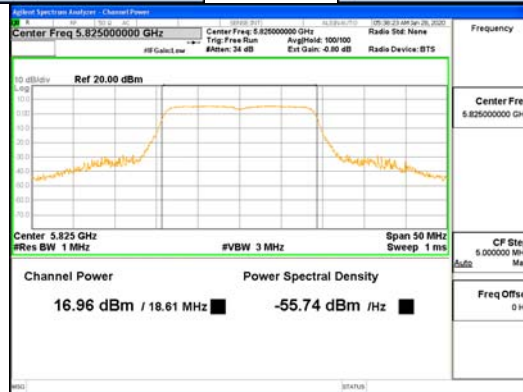
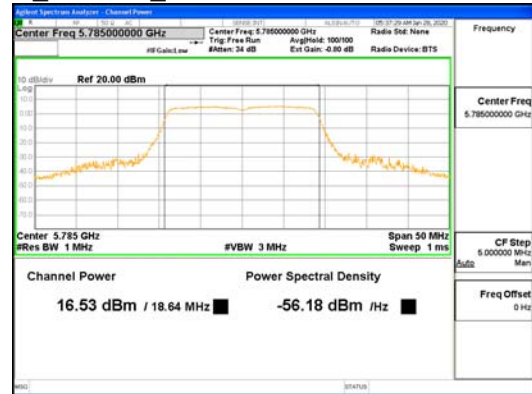
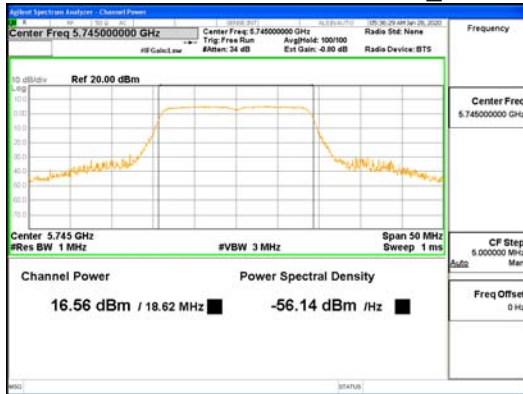
SDM Mode_ANT4_802.11n_HT20_UNII-1



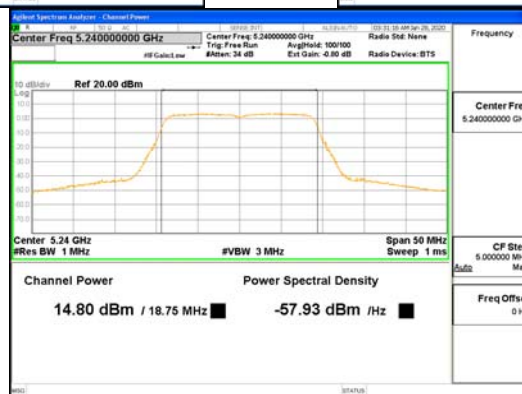
SDM Mode_ANT4_802.11n_HT20_UNII-3



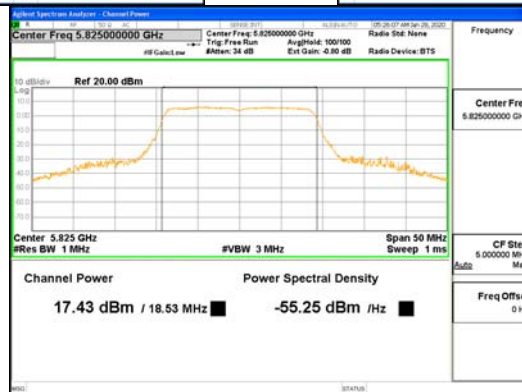
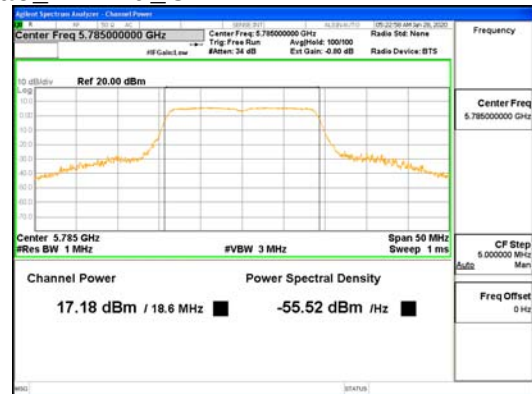
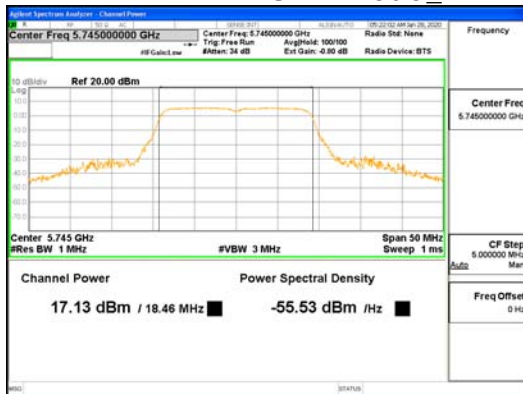
SDM Mode_ANT1_802.11ac_VHT20_UNII-1



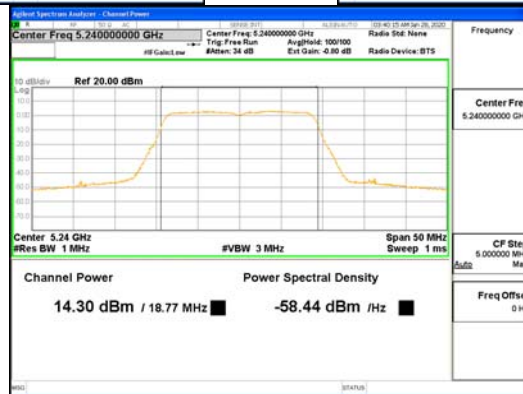
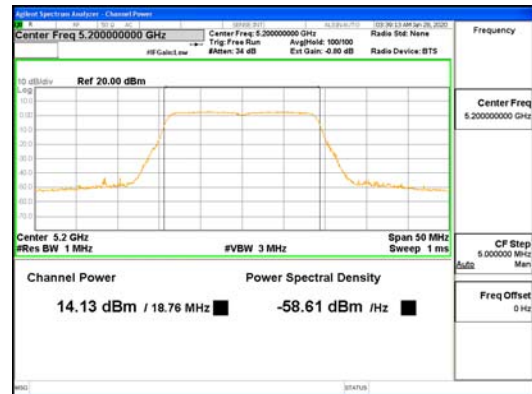
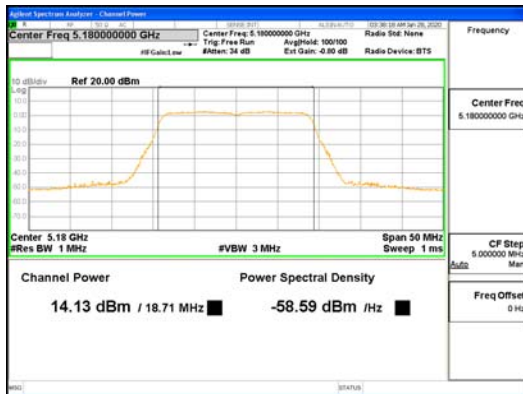
SDM Mode_ANT1_802.11ac_VHT20_UNII-3



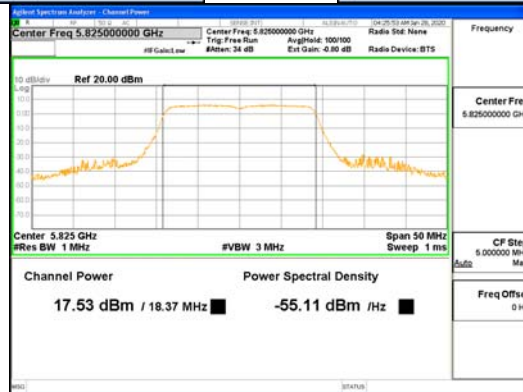
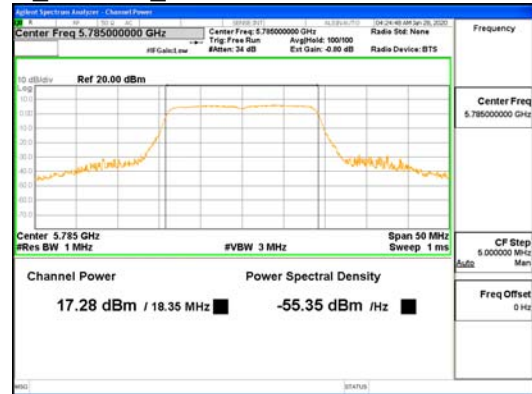
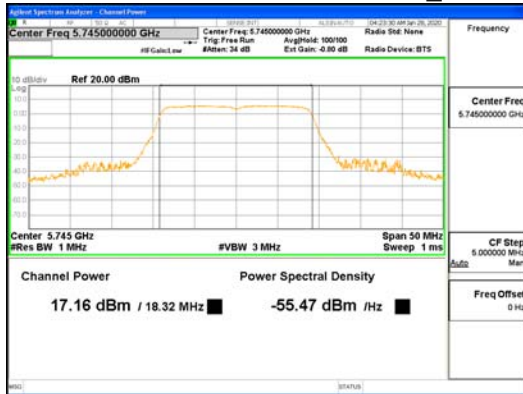
SDM Mode_ANT2_802.11ac_VHT20_UNII-1



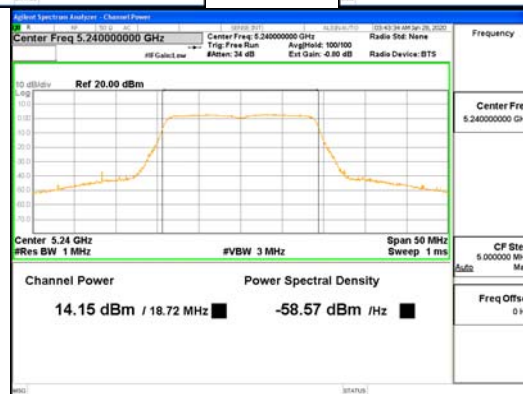
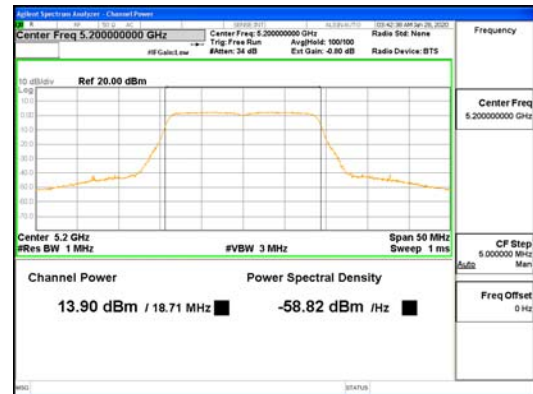
SDM Mode_ANT2_802.11ac_VHT20_UNII-3



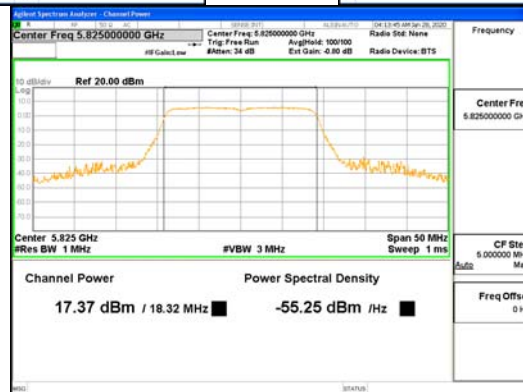
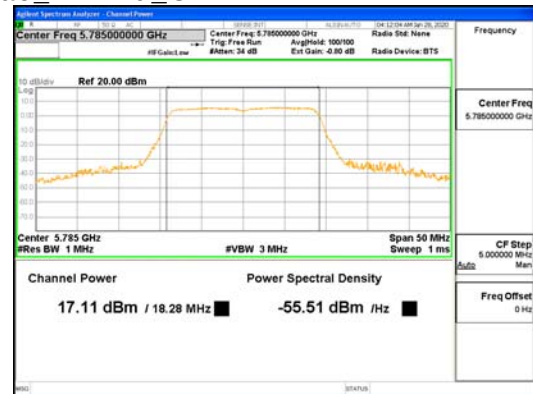
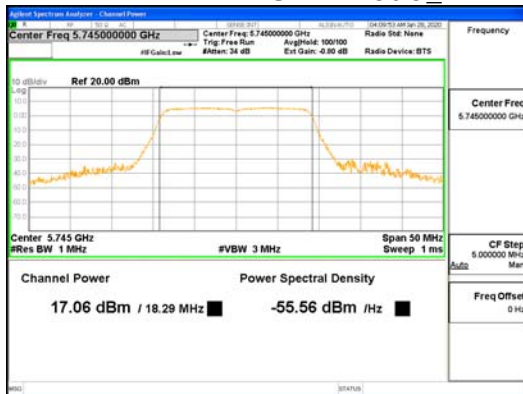
SDM Mode_ANT3_802.11ac_VHT20_UNII-1



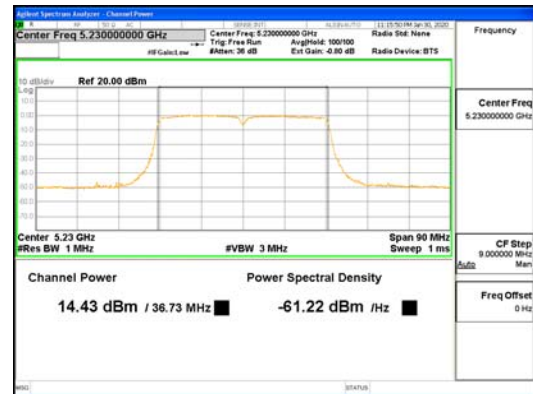
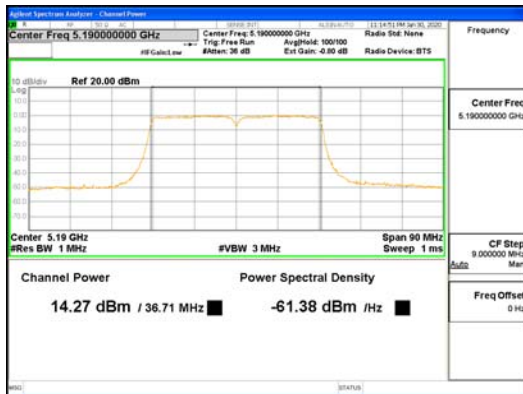
SDM Mode_ANT3_802.11ac_VHT20_UNII-3



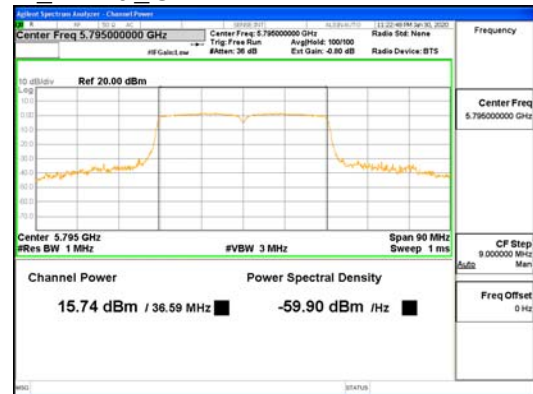
SDM Mode_ANT4_802.11ac_VHT20_UNII-1



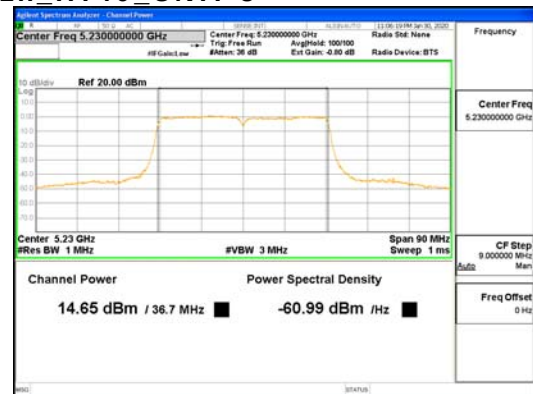
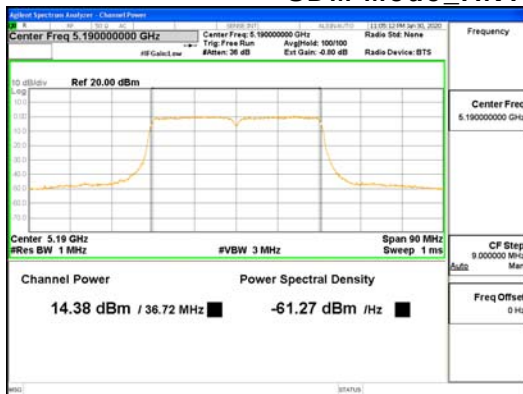
SDM Mode_ANT4_802.11ac_VHT20_UNII-3



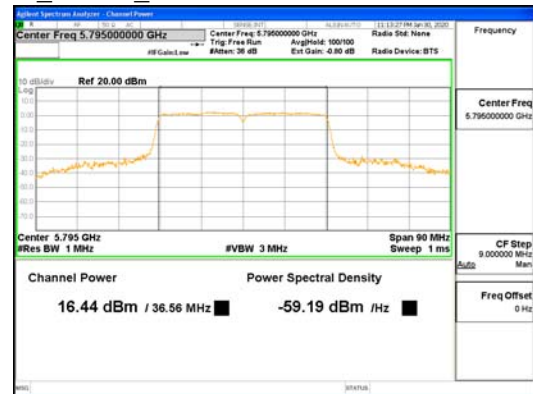
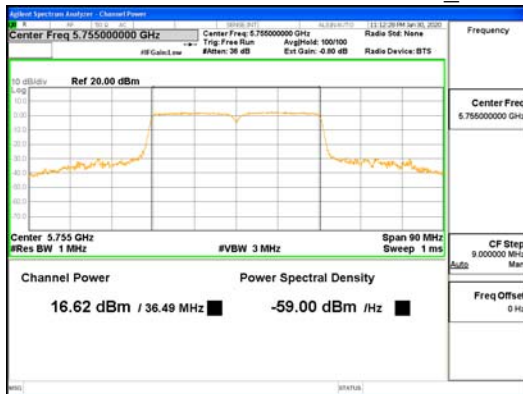
SDM Mode ANT1_802.11n_HT40_UNII-1



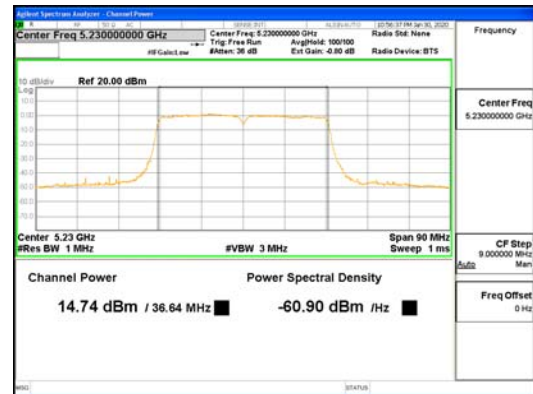
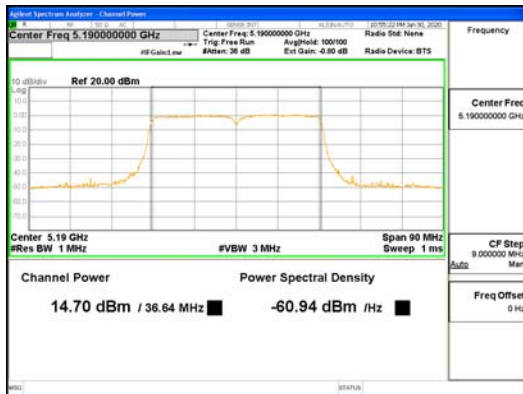
SDM Mode ANT1_802.11n_HT40_UNII-3



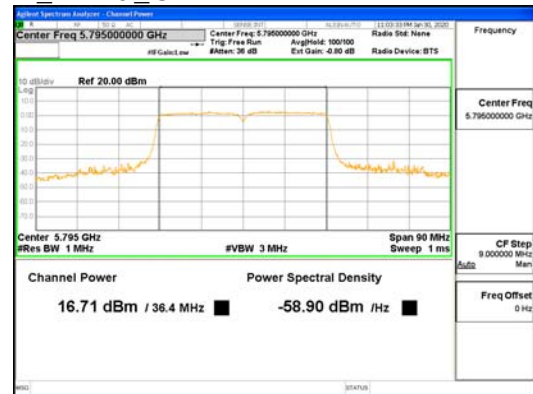
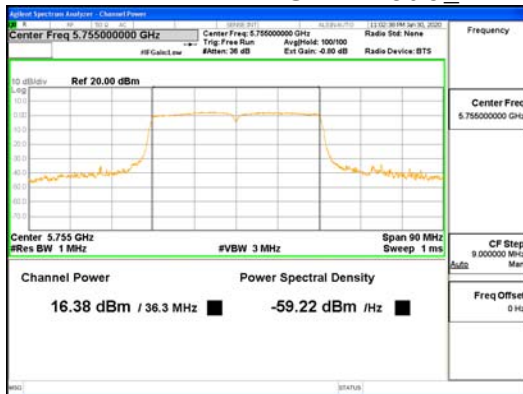
SDM Mode ANT2_802.11n_HT40_UNII-1



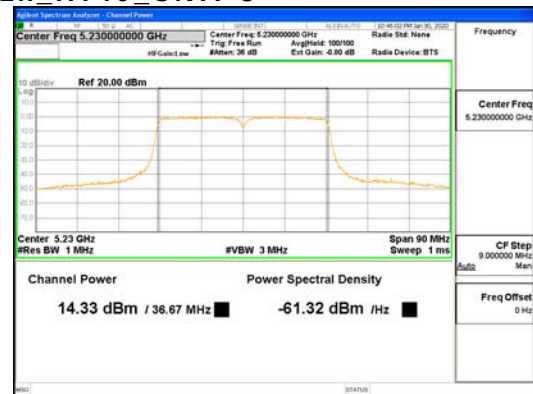
SDM Mode ANT2_802.11n_HT40_UNII-3



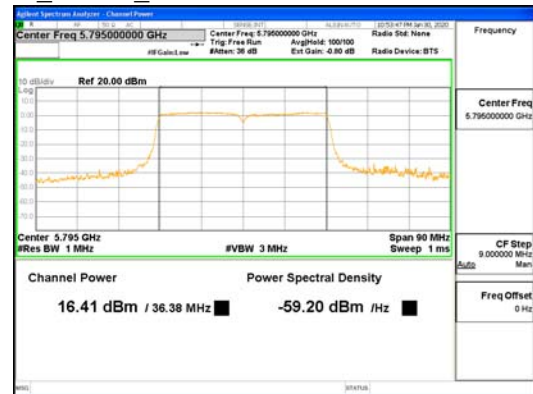
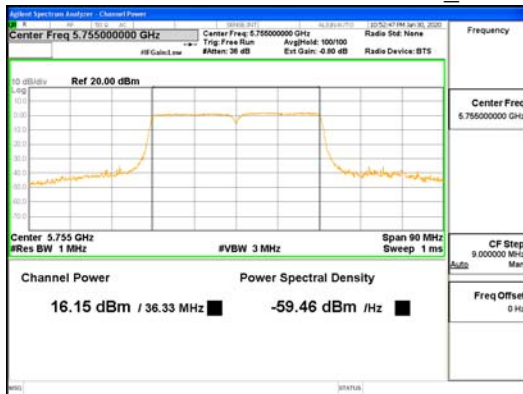
SDM Mode ANT3_802.11n_HT40_UNII-1



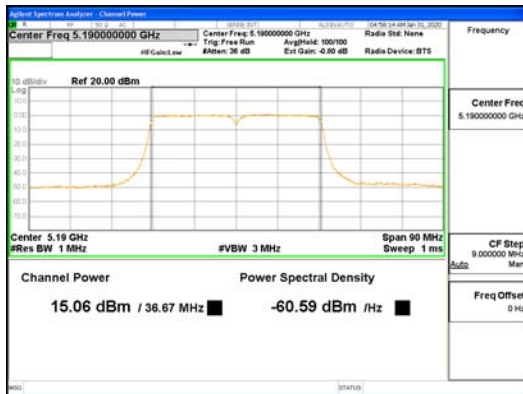
SDM Mode ANT3_802.11n_HT40_UNII-3



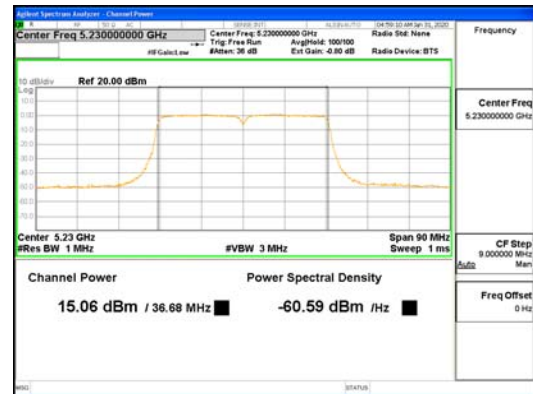
SDM Mode ANT4_802.11n_HT40_UNII-1



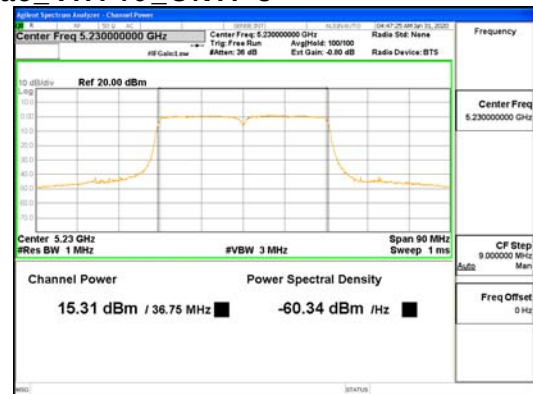
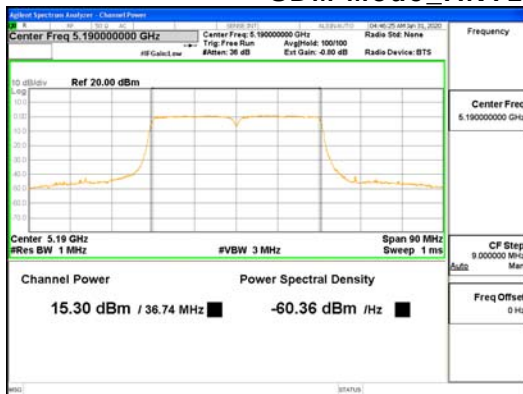
SDM Mode ANT4_802.11n_HT40_UNII-3



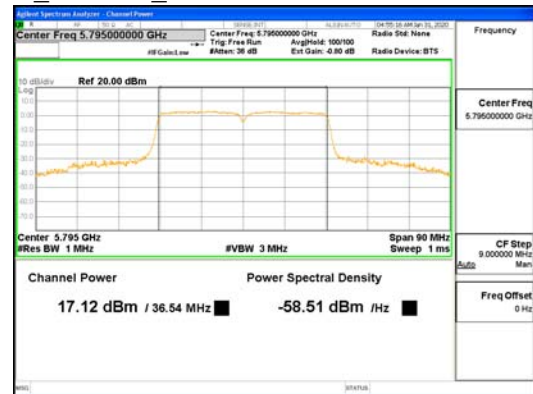
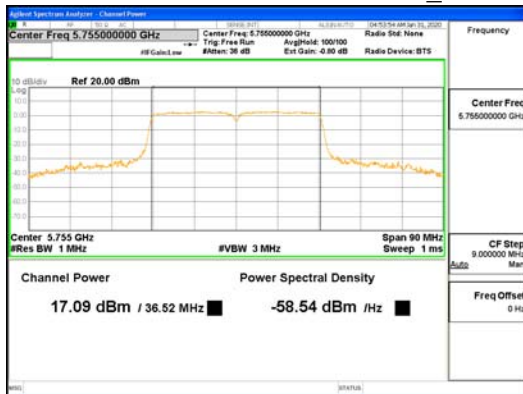
SDM Mode ANT1 802.11ac VHT40 UNII-1



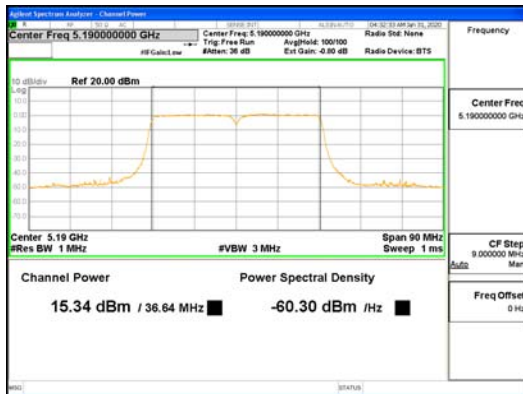
SDM Mode ANT1 802.11ac VHT40 UNII-3



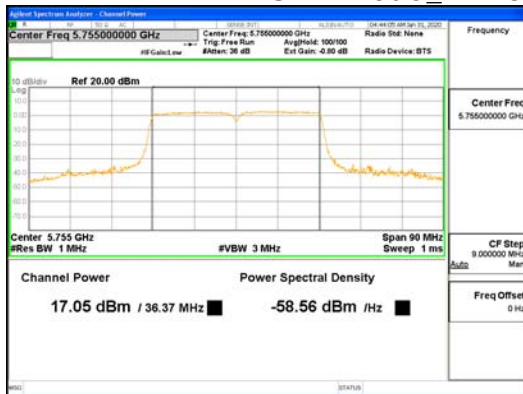
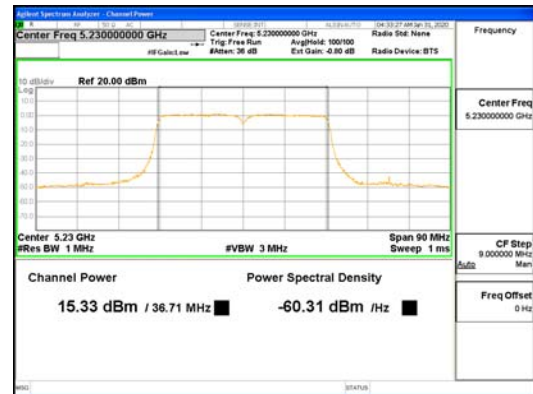
SDM Mode ANT2 802.11ac VHT40 UNII-1



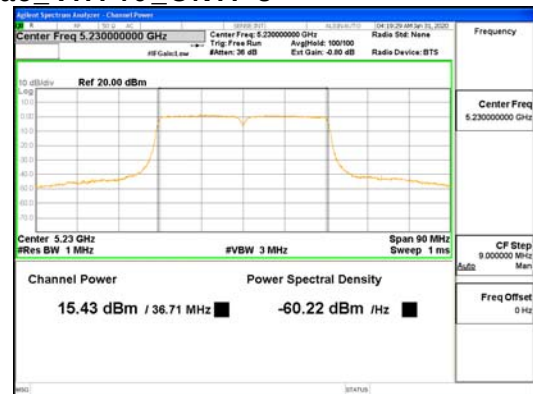
SDM Mode ANT2 802.11ac VHT40 UNII-3



SDM Mode ANT3 802.11ac VHT40 UNII-1



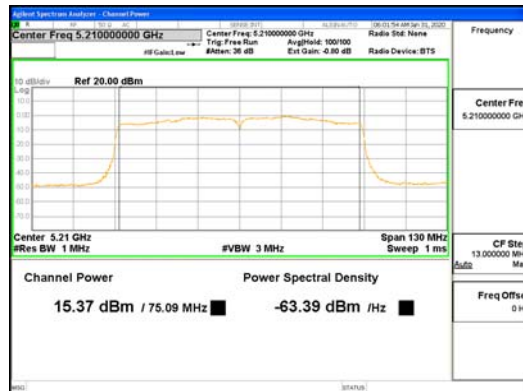
SDM Mode ANT3 802.11ac VHT40 UNII-3



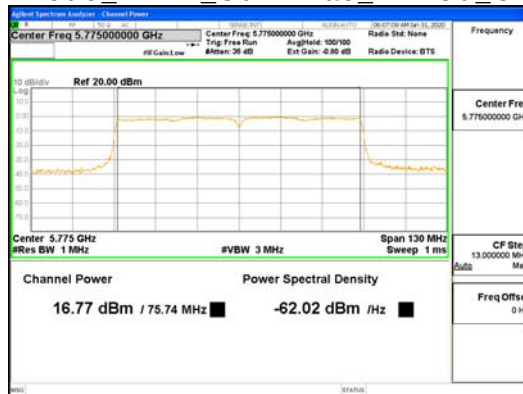
SDM Mode ANT4 802.11ac VHT40 UNII-1



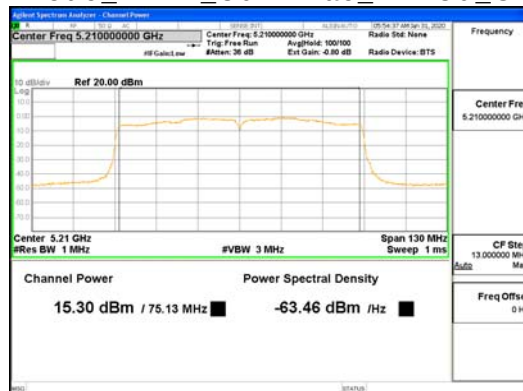
SDM Mode ANT4 802.11ac VHT40 UNII-3



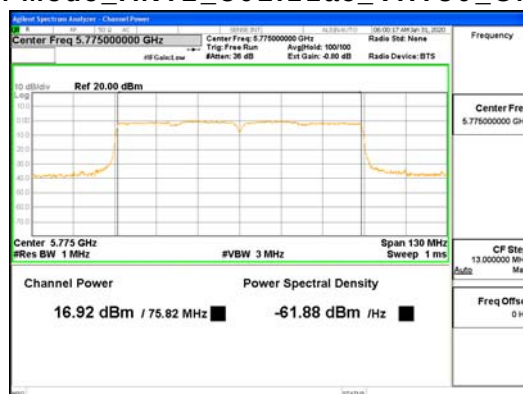
SDM Mode_ANT1_802.11ac_VHT80_UNII-1



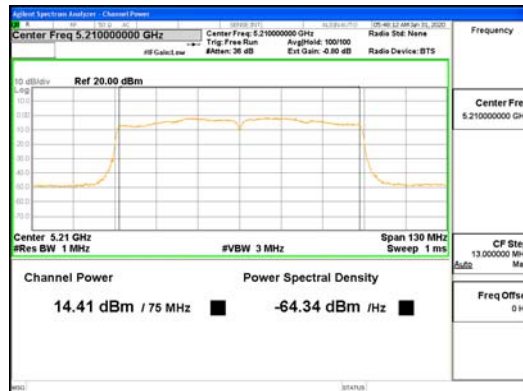
SDM Mode_ANT1_802.11ac_VHT80_UNII-3



SDM Mode_ANT2_802.11ac_VHT80_UNII-1



SDM Mode_ANT2_802.11ac_VHT80_UNII-3



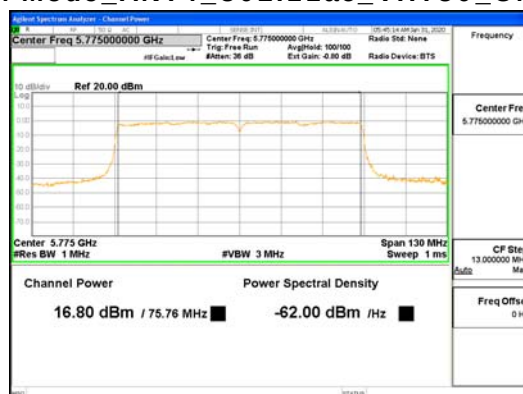
SDM Mode_ANT3_802.11ac_VHT80_UNII-1



SDM Mode_ANT3_802.11ac_VHT80_UNII-3



SDM Mode_ANT4_802.11ac_VHT80_UNII-1



SDM Mode_ANT4_802.11ac_VHT80_UNII-3

4.4 Power Spectral Density

Test Procedures

KDB 789033 – Section F (Method SA-2, Maximum Power Spectral Density)
KDB 662911 D01, D02 (Multiple Transmitter Output)

The peak power density is measured with a spectrum analyzer connected to the antenna terminal while the EUT is operating in transmission mode at the appropriate frequencies.

Test Settings :

Center frequency = the highest, middle and the lowest channels

- a) RBW = 1 MHz, 500 KHz (UNII 3)
- b) VBW = 3 MHz, 1.5 MHz (UNII 3)
- c) Sweep time = auto
- d) Detector = power averaging (rms)
- e) Trace mode = Average at least 100
- f) Duty cycle factor = $10\log(1/x)$

Test mode		Duty Cycle Factor (dB)
CDD Mode	802.11a	0.22
	802.11n_HT20	0.21
	802.11n_HT40	0.20
	802.11ac_VHT20	0.41
	802.11ac_VHT40	0.12
	802.11ac_VHT80	0.24
SDM Mode	802.11n_HT20	0.21
	802.11n_HT40	0.20
	802.11ac_VHT20	0.41
	802.11ac_VHT40	0.12
	802.11ac_VHT80	0.24

Limit

Operating Mode	Band	Mode	ANT Configuration	ANT Gain (dBi)	Limit (dBm)
SISO	UNII 1	802.11a/n/ac	ANT1, ANT2, ANT3	2.00	17.00
	UNII 3				30.00
MIMO	UNII 1	802.11a/n/ac	Multiple ANT (ANT1 + ANT2 + ANT3 + ANT4)	8.02	14.98
	UNII 3				27.98

Test Data

CDD Mode_ANT1

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Output Power (dBm)	Limit (dBm)	Margin (dB)
802.11a	5 180	3.46	0.22	3.68	17.00	13.32
	5 200	3.25	0.22	3.47	17.00	13.53
	5 240	3.35	0.22	3.57	17.00	13.43
	5 745	4.69	0.22	4.91	30.00	25.09
	5 785	4.09	0.22	4.31	30.00	25.69
	5 825	4.73	0.22	4.95	30.00	25.05
802.11n_HT20	5 180	4.48	0.21	4.69	17.00	12.31
	5 200	4.04	0.21	4.25	17.00	12.75
	5 240	4.06	0.21	4.27	17.00	12.73
	5 745	2.42	0.21	2.63	30.00	27.37
	5 785	2.32	0.21	2.53	30.00	27.47
	5 825	3.06	0.21	3.27	30.00	26.73
802.11ac_VHT20	5 180	3.44	0.41	3.85	17.00	13.15
	5 200	3.11	0.41	3.52	17.00	13.48
	5 240	3.28	0.41	3.69	17.00	13.31
	5 745	3.17	0.41	3.58	30.00	26.42
	5 785	2.74	0.41	3.15	30.00	26.85
	5 825	3.40	0.41	3.81	30.00	26.19
802.11n_HT40	5 190	1.53	0.20	1.73	17.00	15.27
	5 230	1.32	0.20	1.52	17.00	15.48
	5 755	-0.53	0.20	-0.33	30.00	30.33
	5 795	-0.66	0.20	-0.46	30.00	30.46
802.11ac_VHT40	5 190	1.24	0.12	1.36	17.00	15.64
	5 230	1.11	0.12	1.23	17.00	15.77
	5 755	-0.48	0.12	-0.36	30.00	30.36
	5 795	-0.42	0.12	-0.30	30.00	30.30
802.11ac_VHT80	5 210	-0.51	0.24	-0.27	17.00	17.27
	5 775	-2.63	0.24	-2.39	30.00	32.39
Measurement uncertainty		± 1.5 dB				

CDD Mode_ANT2

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Output Power (dBm)	Limit (dBm)	Margin (dB)
802.11a	5 180	3.86	0.22	4.08	17.00	12.92
	5 200	3.65	0.22	3.87	17.00	13.13
	5 240	3.96	0.22	4.18	17.00	12.82
	5 745	4.61	0.22	4.83	30.00	25.17
	5 785	4.43	0.22	4.65	30.00	25.35
	5 825	4.99	0.22	5.21	30.00	24.79
802.11n_HT20	5 180	4.55	0.21	4.76	17.00	12.24
	5 200	4.40	0.21	4.61	17.00	12.39
	5 240	4.62	0.21	4.83	17.00	12.17
	5 745	3.08	0.21	3.29	30.00	26.71
	5 785	3.34	0.21	3.55	30.00	26.45
	5 825	3.57	0.21	3.78	30.00	26.22
802.11ac_VHT20	5 180	3.60	0.41	4.01	17.00	12.99
	5 200	3.11	0.41	3.52	17.00	13.48
	5 240	3.73	0.41	4.14	17.00	12.86
	5 745	3.09	0.41	3.50	30.00	26.50
	5 785	3.33	0.41	3.74	30.00	26.26
	5 825	3.76	0.41	4.17	30.00	25.83
802.11n_HT40	5 190	1.06	0.20	1.26	17.00	15.74
	5 230	0.81	0.20	1.01	17.00	15.99
	5 755	0.12	0.20	0.32	30.00	29.68
	5 795	0.37	0.20	0.57	30.00	29.43
802.11ac_VHT40	5 190	2.00	0.12	2.12	17.00	14.88
	5 230	1.64	0.12	1.76	17.00	15.24
	5 755	0.56	0.12	0.68	30.00	29.32
	5 795	0.72	0.12	0.84	30.00	29.16
802.11ac_VHT80	5 210	-0.71	0.24	-0.47	17.00	17.47
	5 775	-2.63	0.24	-2.39	30.00	32.39
Measurement uncertainty		± 1.5 dB				

CDD Mode_ANT3

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Output Power (dBm)	Limit (dBm)	Margin (dB)
802.11a	5 180	3.66	0.22	3.88	17.00	13.12
	5 200	3.56	0.22	3.78	17.00	13.22
	5 240	3.51	0.22	3.73	17.00	13.27
	5 745	4.49	0.22	4.71	30.00	25.29
	5 785	4.50	0.22	4.72	30.00	25.28
	5 825	4.97	0.22	5.19	30.00	24.81
802.11n_HT20	5 180	4.13	0.21	4.34	17.00	12.66
	5 200	3.86	0.21	4.07	17.00	12.93
	5 240	4.27	0.21	4.48	17.00	12.52
	5 745	3.02	0.21	3.23	30.00	26.77
	5 785	3.29	0.21	3.50	30.00	26.50
	5 825	3.45	0.21	3.66	30.00	26.34
802.11ac_VHT20	5 180	3.65	0.41	4.06	17.00	12.94
	5 200	3.32	0.41	3.73	17.00	13.27
	5 240	3.61	0.41	4.02	17.00	12.98
	5 745	3.23	0.41	3.64	30.00	26.36
	5 785	3.32	0.41	3.73	30.00	26.27
	5 825	3.76	0.41	4.17	30.00	25.83
802.11n_HT40	5 190	1.10	0.20	1.30	17.00	15.70
	5 230	1.13	0.20	1.33	17.00	15.67
	5 755	0.02	0.20	0.22	30.00	29.78
	5 795	0.27	0.20	0.47	30.00	29.53
802.11ac_VHT40	5 190	1.55	0.12	1.67	17.00	15.33
	5 230	1.49	0.12	1.61	17.00	15.39
	5 755	0.33	0.12	0.45	30.00	29.55
	5 795	0.50	0.12	0.62	30.00	29.38
802.11ac_VHT80	5 210	-1.24	0.24	-1.00	17.00	18.00
	5 775	-2.59	0.24	-2.35	30.00	32.35
Measurement uncertainty		± 1.5 dB				

CDD Mode_ANT4

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Output Power (dBm)	Limit (dBm)	Margin (dB)
802.11a	5 180	3.50	0.22	3.72	17.00	13.28
	5 200	3.41	0.22	3.63	17.00	13.37
	5 240	3.69	0.22	3.91	17.00	13.09
	5 745	4.37	0.22	4.59	30.00	25.41
	5 785	4.33	0.22	4.55	30.00	25.45
	5 825	4.86	0.22	5.08	30.00	24.92
802.11n_HT20	5 180	4.31	0.21	4.52	17.00	12.48
	5 200	3.98	0.21	4.19	17.00	12.81
	5 240	4.06	0.21	4.27	17.00	12.73
	5 745	2.87	0.21	3.08	30.00	26.92
	5 785	3.45	0.21	3.66	30.00	26.34
	5 825	3.44	0.21	3.65	30.00	26.35
802.11ac_VHT20	5 180	3.06	0.41	3.47	17.00	13.53
	5 200	3.19	0.41	3.60	17.00	13.40
	5 240	3.13	0.41	3.54	17.00	13.46
	5 745	3.45	0.41	3.86	30.00	26.14
	5 785	3.42	0.41	3.83	30.00	26.17
	5 825	3.91	0.41	4.32	30.00	25.68
802.11n_HT40	5 190	0.88	0.20	1.08	17.00	15.92
	5 230	0.80	0.20	1.00	17.00	16.00
	5 755	-0.13	0.20	0.07	30.00	29.93
	5 795	0.21	0.20	0.41	30.00	29.59
802.11ac_VHT40	5 190	1.11	0.12	1.23	17.00	15.77
	5 230	1.23	0.12	1.35	17.00	15.65
	5 755	0.24	0.12	0.36	30.00	29.64
	5 795	0.47	0.12	0.59	30.00	29.41
802.11ac_VHT80	5 210	-0.93	0.24	-0.69	17.00	17.69
	5 775	-2.63	0.24	-2.39	30.00	32.39
Measurement uncertainty		± 1.5 dB				

CDD Mode_Multiple ANT

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Output Power (dBm)	Limit (dBm)	Margin (dB)
802.11a	5 180	9.64	0.22	9.86	14.98	5.12
	5 200	9.49	0.22	9.71	14.98	5.27
	5 240	9.65	0.22	9.87	14.98	5.11
	5 745	10.56	0.22	10.78	27.98	17.20
	5 785	10.36	0.22	10.58	27.98	17.40
	5 825	10.91	0.22	11.13	27.98	16.85
802.11n_HT20	5 180	10.39	0.21	10.60	14.98	4.38
	5 200	10.10	0.21	10.31	14.98	4.67
	5 240	10.28	0.21	10.49	14.98	4.49
	5 745	8.88	0.21	9.09	27.98	18.89
	5 785	9.14	0.21	9.35	27.98	18.63
	5 825	9.40	0.21	9.61	27.98	18.37
802.11ac_VHT20	5 180	9.46	0.41	9.87	14.98	5.11
	5 200	9.20	0.41	9.61	14.98	5.37
	5 240	9.46	0.41	9.87	14.98	5.11
	5 745	9.26	0.41	9.67	27.98	18.31
	5 785	9.23	0.41	9.64	27.98	18.34
	5 825	9.73	0.41	10.14	27.98	17.84
802.11n_HT40	5 190	7.17	0.20	7.37	14.98	7.61
	5 230	7.04	0.20	7.24	14.98	7.74
	5 755	5.90	0.20	6.10	27.98	21.88
	5 795	6.09	0.20	6.29	27.98	21.69
802.11ac_VHT40	5 190	7.51	0.12	7.63	14.98	7.35
	5 230	7.39	0.12	7.51	14.98	7.47
	5 755	6.20	0.12	6.32	27.98	21.66
	5 795	6.36	0.12	6.48	27.98	21.50
802.11ac_VHT80	5 210	5.18	0.24	5.42	14.98	9.56
	5 775	3.40	0.24	3.64	27.98	24.34
Measurement uncertainty		± 1.5 dB				

SDM Mode_ANT1

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Output Power (dBm)	Limit (dBm)	Margin (dB)
802.11n_HT20	5 180	3.45	0.21	3.66	17.00	13.34
	5 200	3.63	0.21	3.84	17.00	13.16
	5 240	3.45	0.21	3.66	17.00	13.34
	5 745	2.19	0.21	2.40	30.00	27.60
	5 785	2.02	0.21	2.23	30.00	27.77
	5 825	2.38	0.21	2.59	30.00	27.41
802.11ac_VHT20	5 180	2.72	0.41	3.13	17.00	13.87
	5 200	2.71	0.41	3.12	17.00	13.88
	5 240	3.04	0.41	3.45	17.00	13.55
	5 745	2.35	0.41	2.76	30.00	27.24
	5 785	2.49	0.41	2.90	30.00	27.10
	5 825	2.76	0.41	3.17	30.00	26.83
802.11n_HT40	5 190	0.49	0.20	0.69	17.00	16.31
	5 230	0.45	0.20	0.65	17.00	16.35
	5 755	-0.81	0.20	-0.61	30.00	30.61
	5 795	-0.98	0.20	-0.78	30.00	30.78
802.11ac_VHT40	5 190	0.87	0.12	0.99	17.00	16.01
	5 230	0.87	0.12	0.99	17.00	16.01
	5 755	-0.38	0.12	-0.26	30.00	30.26
	5 795	-0.31	0.12	-0.19	30.00	30.19
802.11ac_VHT80	5 210	-0.83	0.24	-0.59	17.00	17.59
	5 775	-2.15	0.24	-1.91	30.00	31.91
Measurement uncertainty		± 1.5 dB				

SDM Mode_ANT2

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Output Power (dBm)	Limit (dBm)	Margin (dB)
802.11n_HT20	5 180	3.95	0.21	4.16	17.00	12.84
	5 200	4.10	0.21	4.31	17.00	12.69
	5 240	4.18	0.21	4.39	17.00	12.61
	5 745	3.01	0.21	3.22	30.00	26.78
	5 785	2.48	0.21	2.69	30.00	27.31
	5 825	3.04	0.21	3.25	30.00	26.75
802.11ac_VHT20	5 180	3.38	0.41	3.79	17.00	13.21
	5 200	3.55	0.41	3.96	17.00	13.04
	5 240	3.53	0.41	3.94	17.00	13.06
	5 745	3.08	0.41	3.49	30.00	26.51
	5 785	3.24	0.41	3.65	30.00	26.35
	5 825	3.50	0.41	3.91	30.00	26.09
802.11n_HT40	5 190	0.54	0.20	0.74	17.00	16.26
	5 230	0.64	0.20	0.84	17.00	16.16
	5 755	-0.25	0.20	-0.05	30.00	30.05
	5 795	-0.34	0.20	-0.14	30.00	30.14
802.11ac_VHT40	5 190	1.11	0.12	1.23	17.00	15.77
	5 230	1.19	0.12	1.31	17.00	15.69
	5 755	0.15	0.12	0.27	30.00	29.73
	5 795	0.60	0.12	0.72	30.00	29.28
802.11ac_VHT80	5 210	-0.52	0.24	-0.28	17.00	17.28
	5 775	-2.83	0.24	-2.59	30.00	32.59
Measurement uncertainty		± 1.5 dB				

SDM Mode_ANT3

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Output Power (dBm)	Limit (dBm)	Margin (dB)
802.11n_HT20	5 180	3.88	0.21	4.09	17.00	12.91
	5 200	3.90	0.21	4.11	17.00	12.89
	5 240	3.87	0.21	4.08	17.00	12.92
	5 745	2.74	0.21	2.95	30.00	27.05
	5 785	2.61	0.21	2.82	30.00	27.18
	5 825	3.16	0.21	3.37	30.00	26.63
802.11ac_VHT20	5 180	2.80	0.41	3.21	17.00	13.79
	5 200	2.90	0.41	3.31	17.00	13.69
	5 240	3.08	0.41	3.49	17.00	13.51
	5 745	3.18	0.41	3.59	30.00	26.41
	5 785	3.36	0.41	3.77	30.00	26.23
	5 825	3.58	0.41	3.99	30.00	26.01
802.11n_HT40	5 190	0.72	0.20	0.92	17.00	16.08
	5 230	0.96	0.20	1.16	17.00	15.84
	5 755	-0.31	0.20	-0.11	30.00	30.11
	5 795	0.35	0.20	0.55	30.00	29.45
802.11ac_VHT40	5 190	1.47	0.12	1.59	17.00	15.41
	5 230	1.23	0.12	1.35	17.00	15.65
	5 755	0.23	0.12	0.35	30.00	29.65
	5 795	0.47	0.12	0.59	30.00	29.41
802.11ac_VHT80	5 210	-1.64	0.24	-1.40	17.00	18.40
	5 775	-2.74	0.24	-2.50	30.00	32.50
Measurement uncertainty		± 1.5 dB				

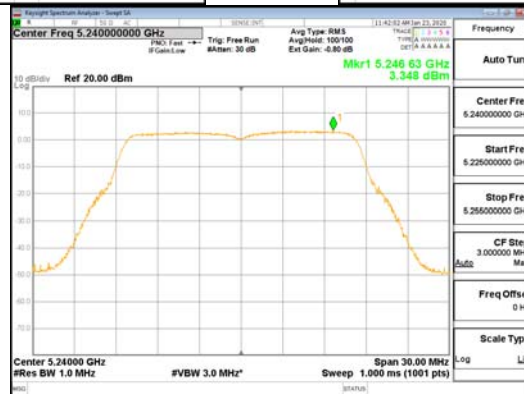
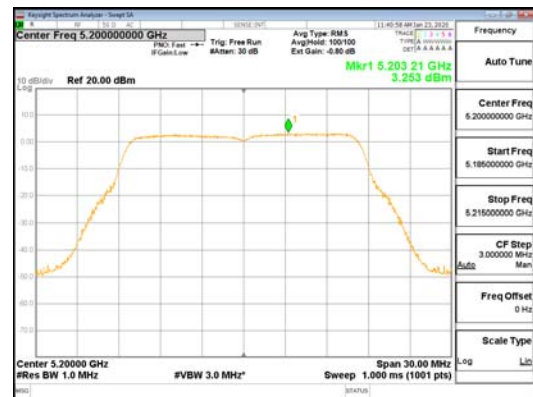
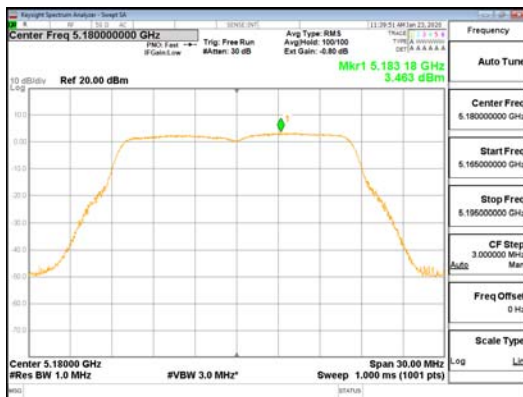
SDM Mode_ANT4

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Output Power (dBm)	Limit (dBm)	Margin (dB)
802.11n_HT20	5 180	3.71	0.21	3.92	17.00	13.08
	5 200	4.00	0.21	4.21	17.00	12.79
	5 240	3.79	0.21	4.00	17.00	13.00
	5 745	2.55	0.21	2.76	30.00	27.24
	5 785	2.87	0.21	3.08	30.00	26.92
	5 825	2.65	0.21	2.86	30.00	27.14
802.11ac_VHT20	5 180	2.74	0.41	3.15	17.00	13.85
	5 200	2.66	0.41	3.07	17.00	13.93
	5 240	3.05	0.41	3.46	17.00	13.54
	5 745	2.97	0.41	3.38	30.00	26.62
	5 785	3.18	0.41	3.59	30.00	26.41
	5 825	3.19	0.41	3.60	30.00	26.40
802.11n_HT40	5 190	0.07	0.20	0.27	17.00	16.73
	5 230	0.26	0.20	0.46	17.00	16.54
	5 755	-0.52	0.20	-0.32	30.00	30.32
	5 795	-0.01	0.20	0.19	30.00	29.81
802.11ac_VHT40	5 190	1.51	0.12	1.63	17.00	15.37
	5 230	1.29	0.12	1.41	17.00	15.59
	5 755	0.00	0.12	0.12	30.00	29.88
	5 795	0.39	0.12	0.51	30.00	29.49
802.11ac_VHT80	5 210	-1.56	0.24	-1.32	17.00	18.32
	5 775	-2.73	0.24	-2.49	30.00	32.49
Measurement uncertainty		± 1.5 dB				

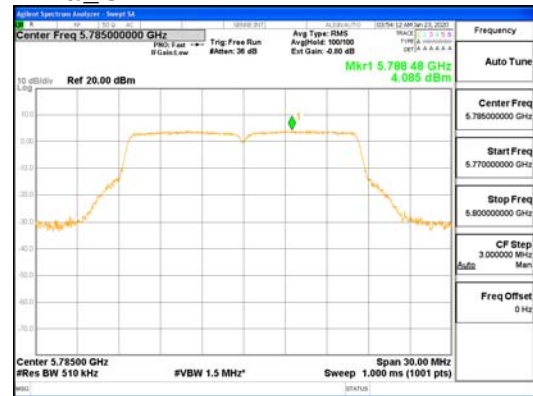
SDM Mode_Multiple ANT

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Output Power (dBm)	Limit (dBm)	Margin (dB)
802.11n_HT20	5 180	9.77	0.21	9.98	14.98	5.00
	5 200	9.93	0.21	10.14	14.98	4.84
	5 240	9.85	0.21	10.06	14.98	4.92
	5 745	8.65	0.21	8.86	27.98	19.12
	5 785	8.53	0.21	8.74	27.98	19.24
	5 825	8.84	0.21	9.05	27.98	18.93
802.11ac_VHT20	5 180	8.94	0.41	9.35	14.98	5.63
	5 200	8.99	0.41	9.40	14.98	5.58
	5 240	9.20	0.41	9.61	14.98	5.37
	5 745	8.93	0.41	9.34	27.98	18.64
	5 785	9.10	0.41	9.51	27.98	18.47
	5 825	9.29	0.41	9.70	27.98	18.28
802.11n_HT40	5 190	6.48	0.20	6.68	14.98	8.30
	5 230	6.61	0.20	6.81	14.98	8.17
	5 755	5.55	0.20	5.75	27.98	22.23
	5 795	5.80	0.20	6.00	27.98	21.98
802.11ac_VHT40	5 190	7.27	0.12	7.39	14.98	7.59
	5 230	7.17	0.12	7.29	14.98	7.69
	5 755	6.03	0.12	6.15	27.98	21.83
	5 795	6.32	0.12	6.44	27.98	21.54
802.11ac_VHT80	5 210	4.91	0.24	5.15	14.98	9.83
	5 775	3.42	0.24	3.66	27.98	24.32
Measurement uncertainty		± 1.5 dB				

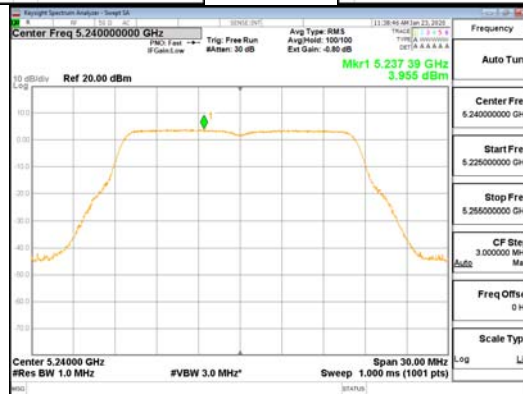
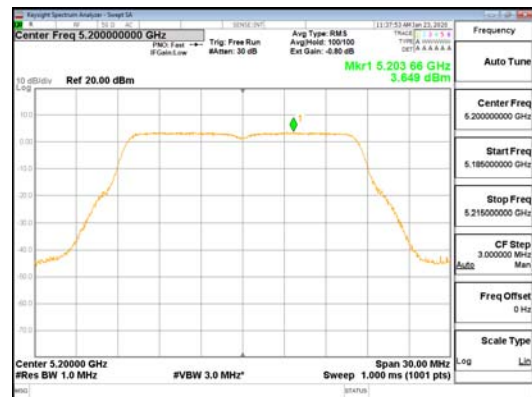
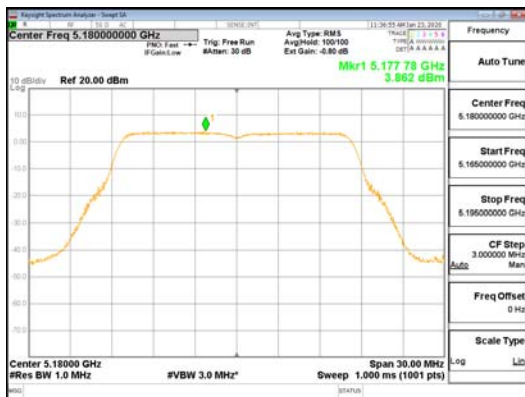
See next pages for actual measured spectrum plots.



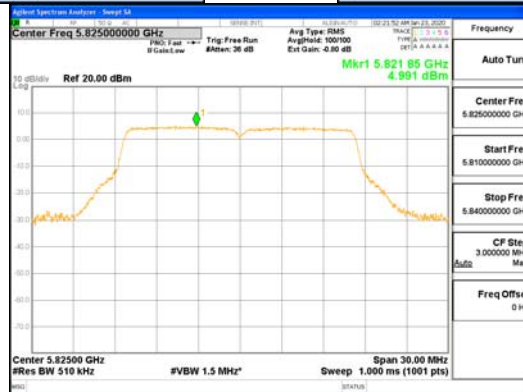
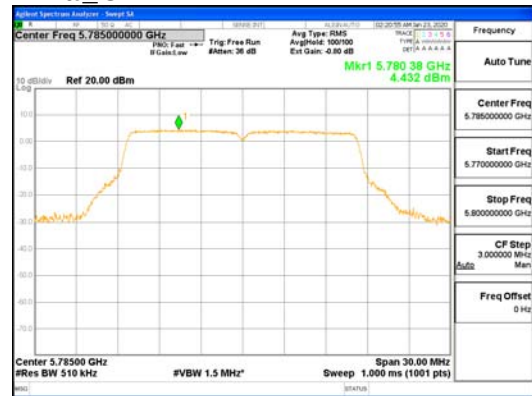
CDD Mode_ANT1_802.11a_UNII-1



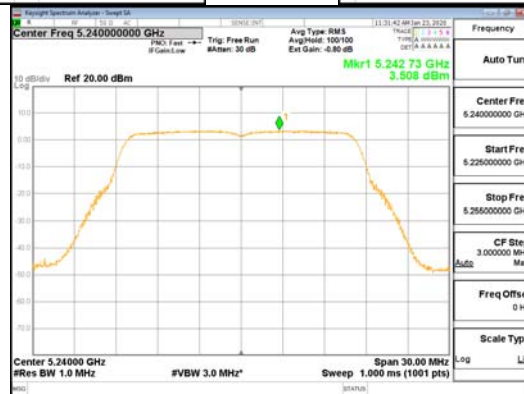
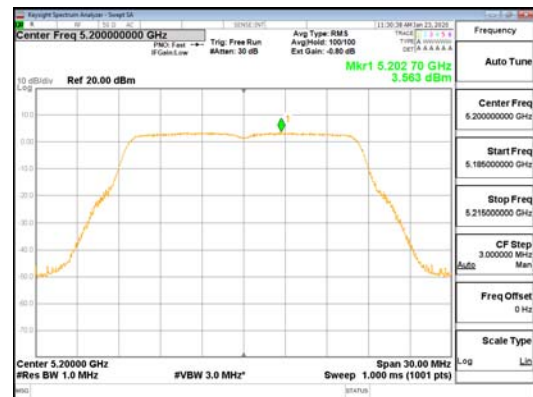
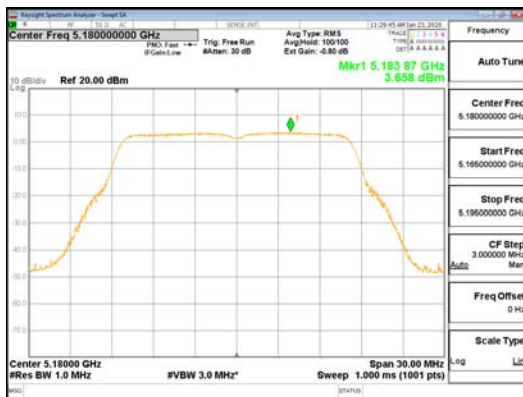
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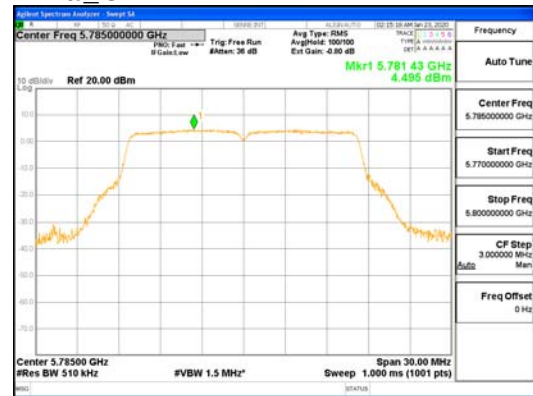
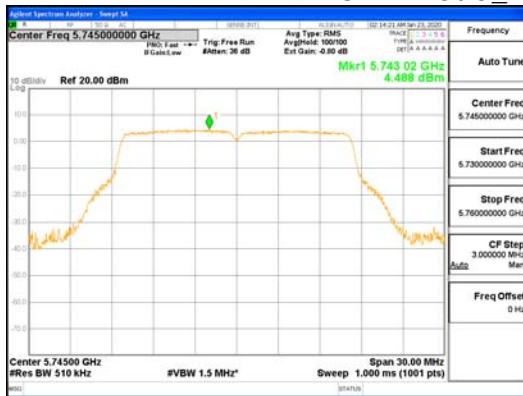
CDD Mode_ANT2_802.11a_UNII-1



CDD Mode_ANT2_802.11a_UNII-3



CDD Mode_ANT3_802.11a_UNII-1



CDD Mode_ANT3_802.11a_UNII-3