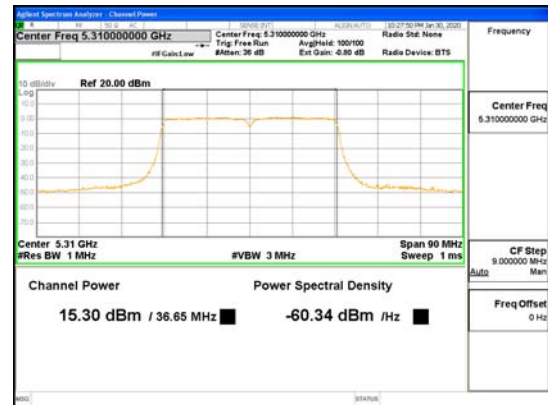
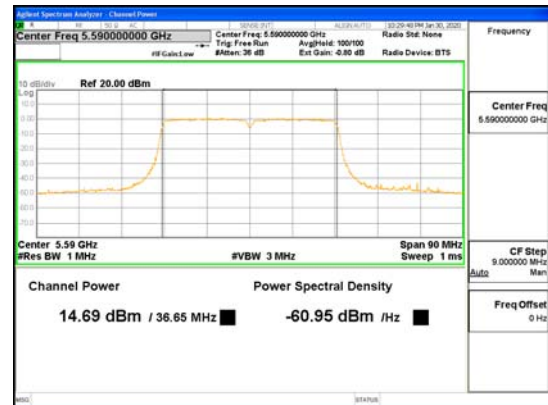




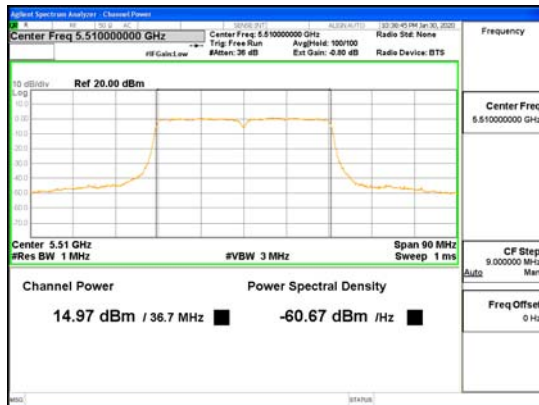
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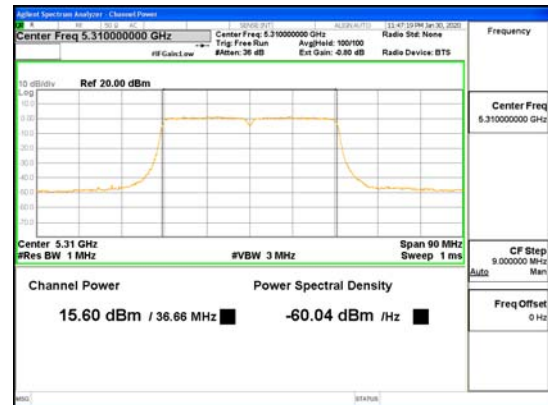
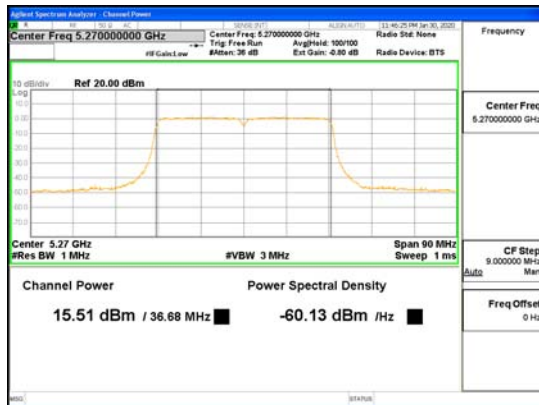
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CDD Mode_ANT4_802.11n_HT40_UNII 2A



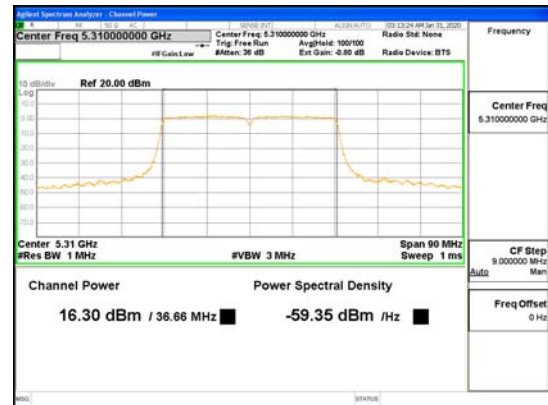
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CDD Mode_ANT1_802.11ac_VHT40_UNII 2A



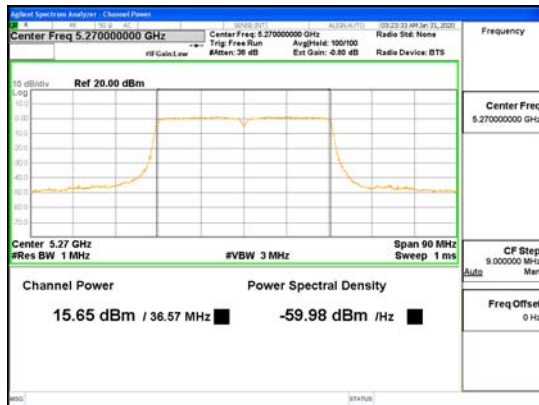
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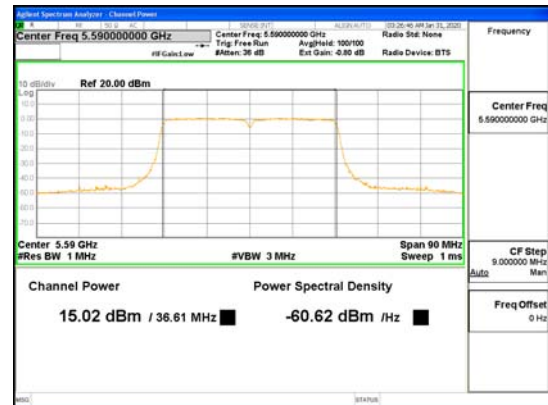
CDD Mode_ANT2_802.11ac_VHT40_UNII 2A



CDD Mode_ANT2_802.11ac_VHT40_UNII 2C



CDD Mode_ANT3_802.11ac_VHT40_UNII 2A



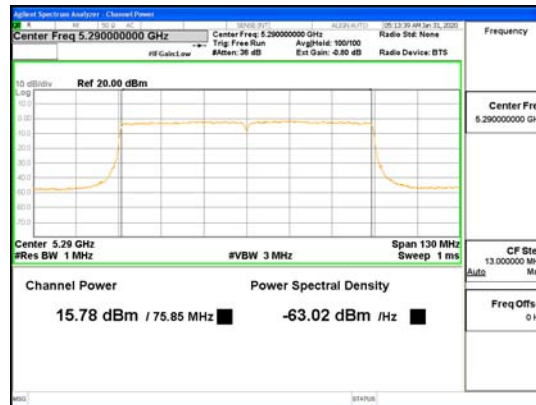
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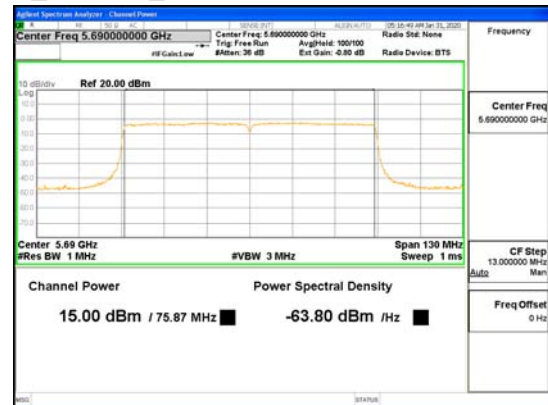
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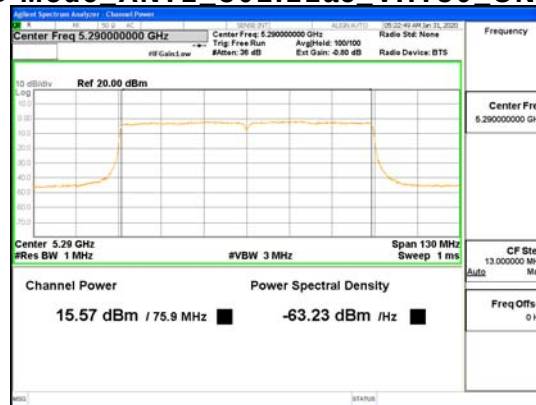
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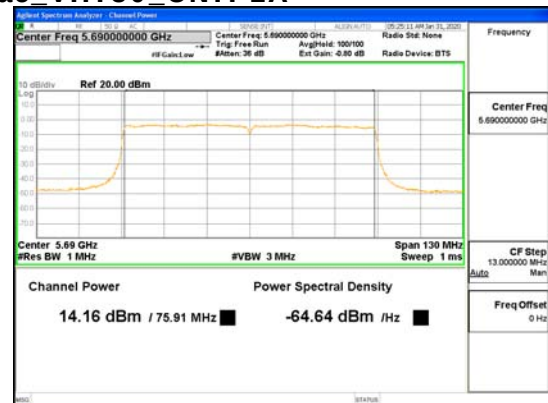
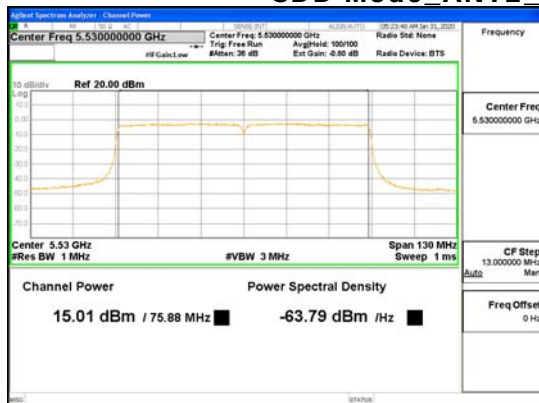
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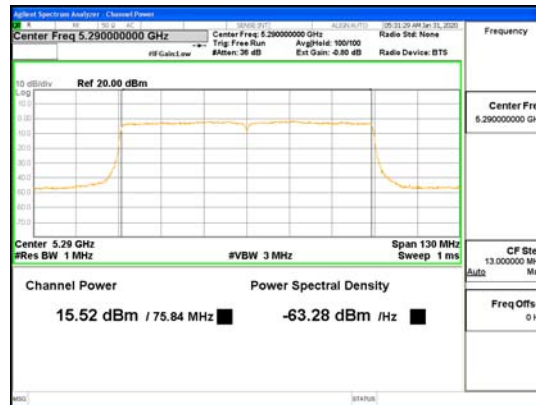
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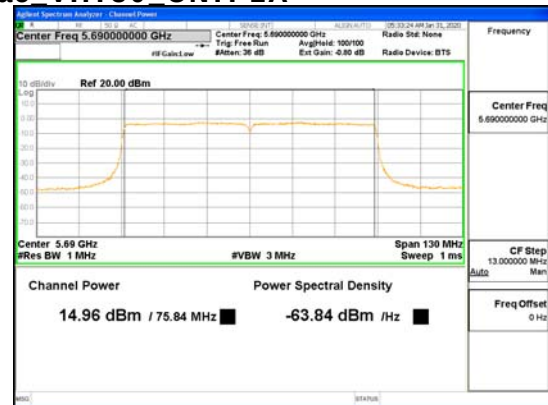
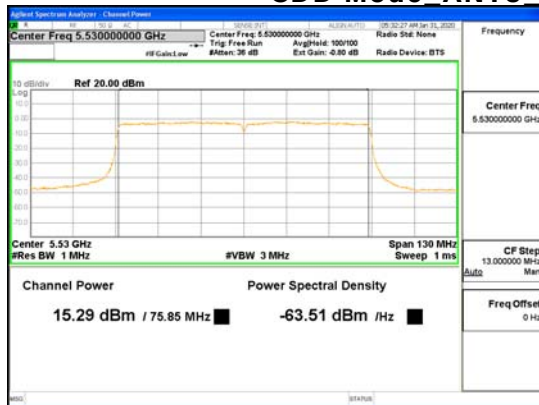
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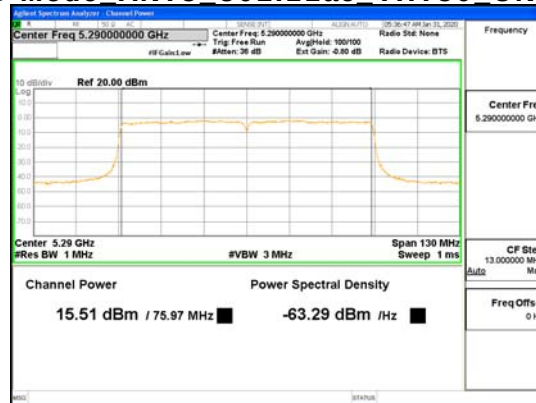
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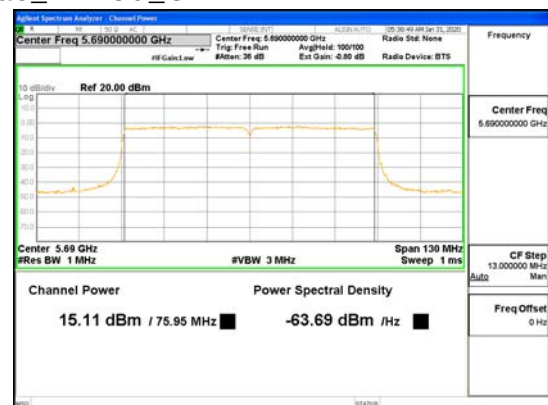
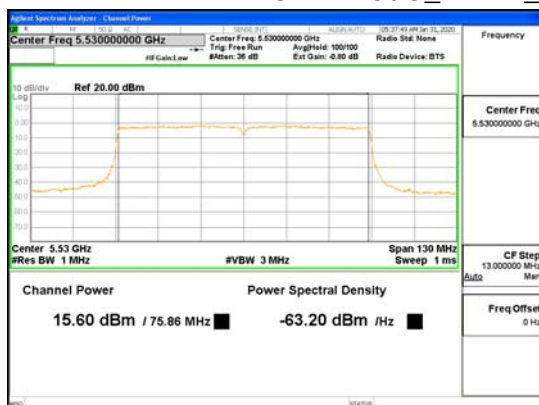
CDD Mode ANT3 802.11ac VHT80 UNII 2A



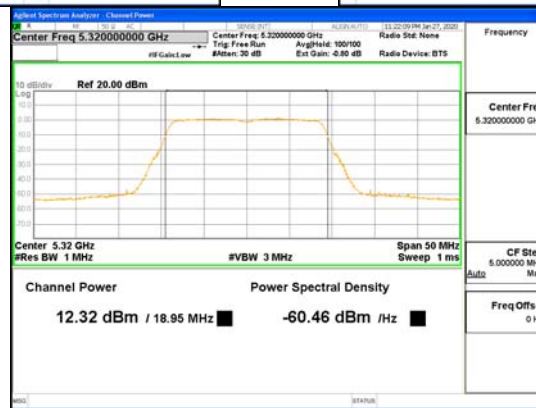
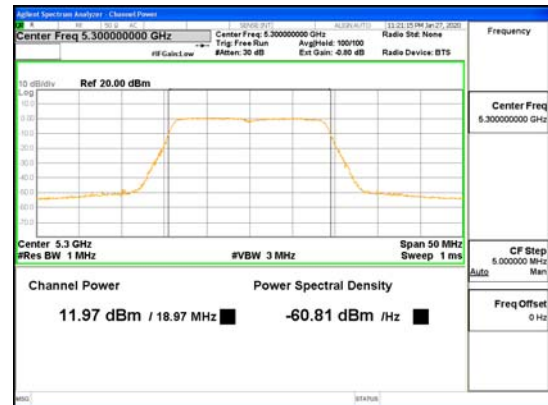
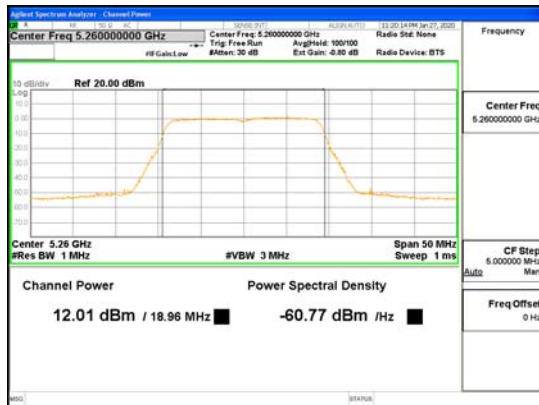
CDD Mode ANT3 802.11ac VHT80 UNII 2C



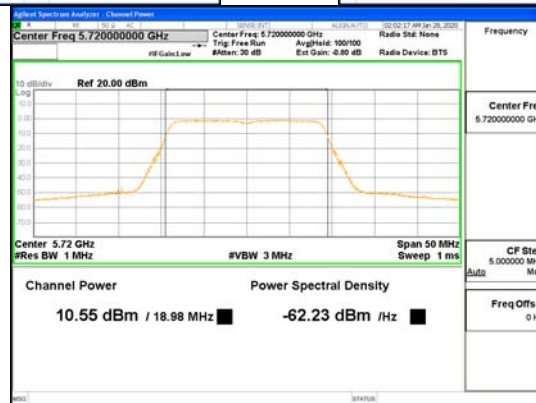
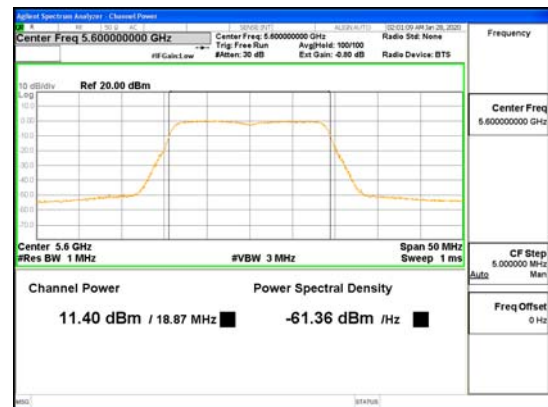
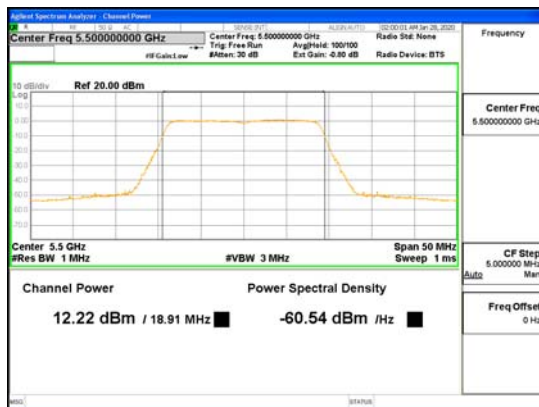
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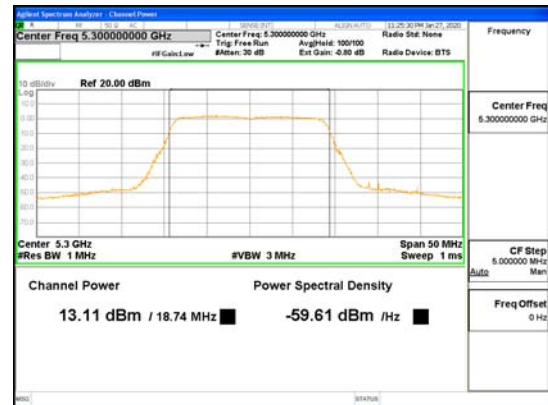
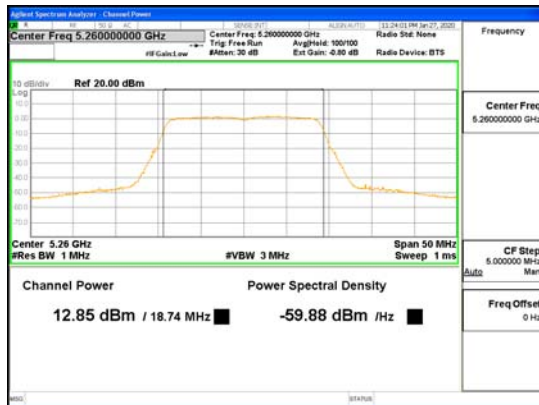
CDD Mode ANT4 802.11ac VHT80 UNII 2C



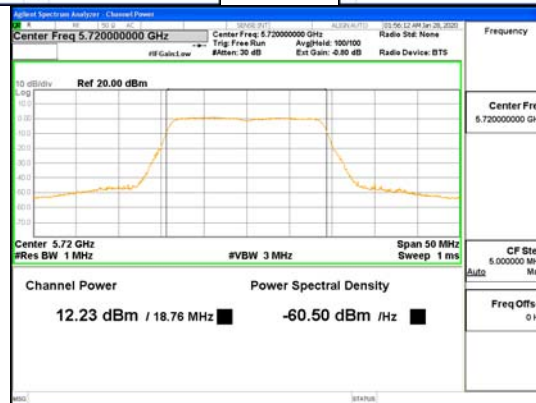
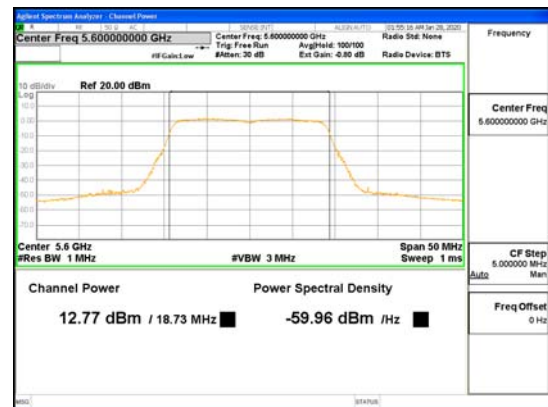
SDM Mode_ANT1_802.11n_HT20_UNII 2A



SDM Mode_ANT1_802.11n_HT20_UNII 2C



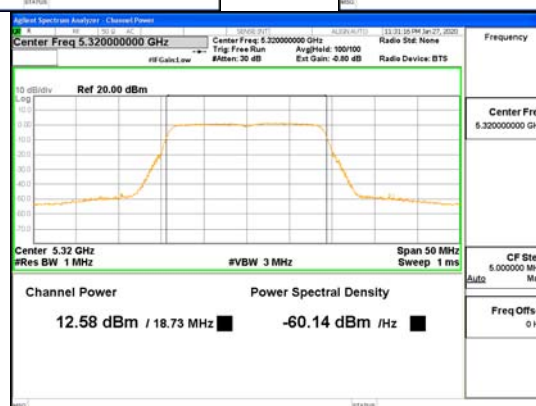
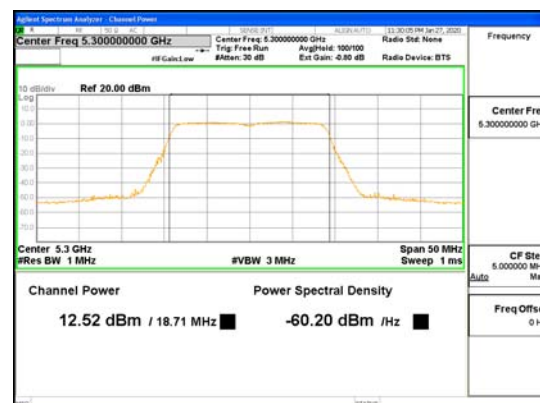
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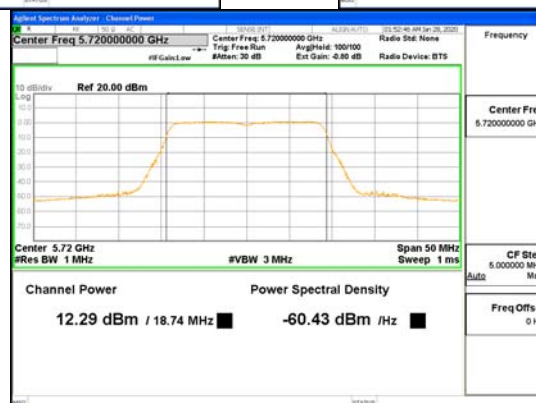
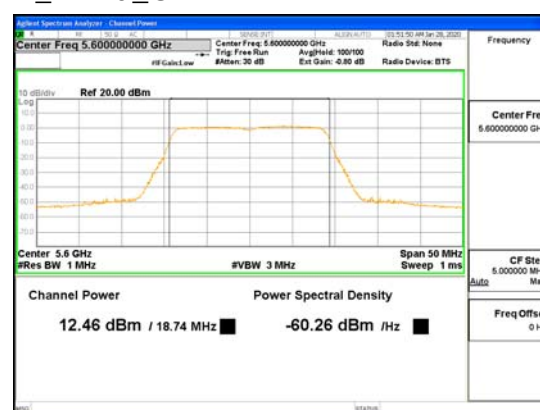
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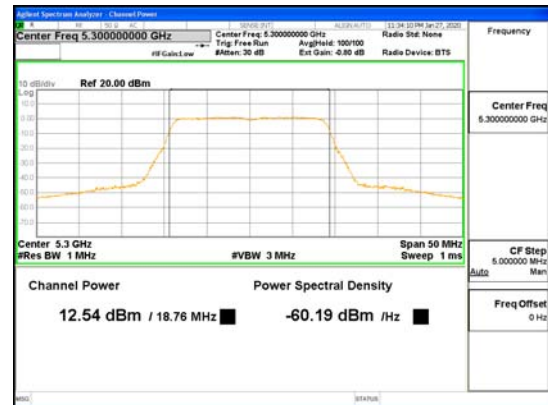
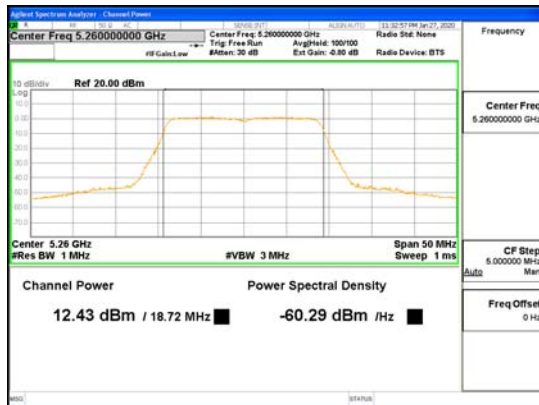
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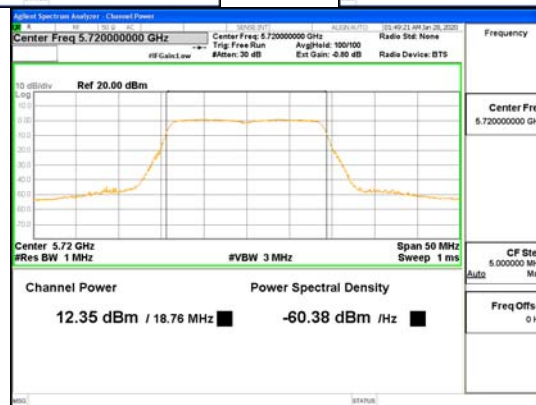
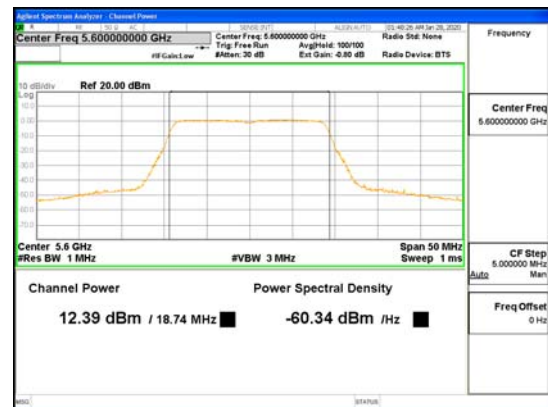
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SDM Mode ANT3 802.11n HT20 UNII 2C



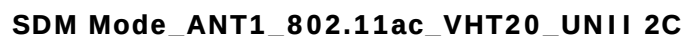
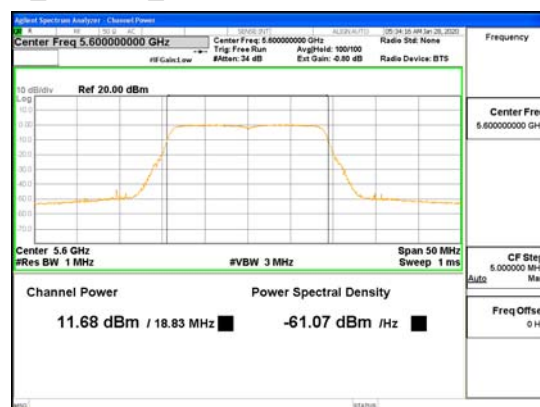
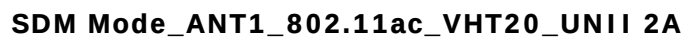
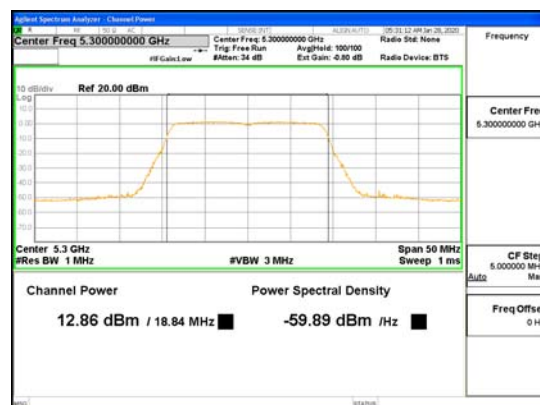
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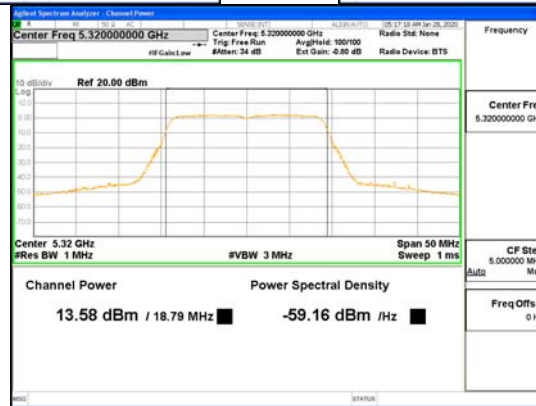
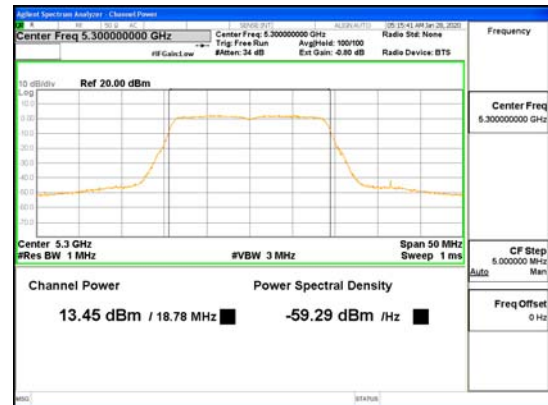
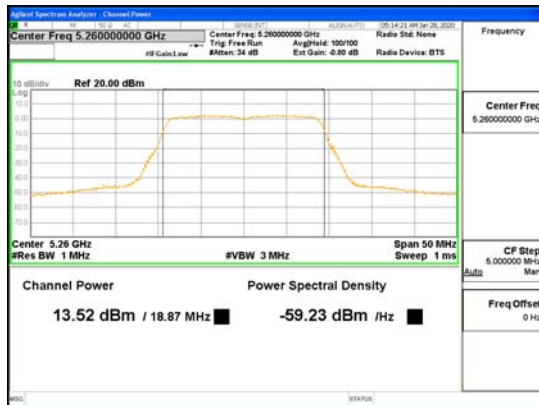


SDM Mode_ANT4_802.11n_HT20_UNII 2C

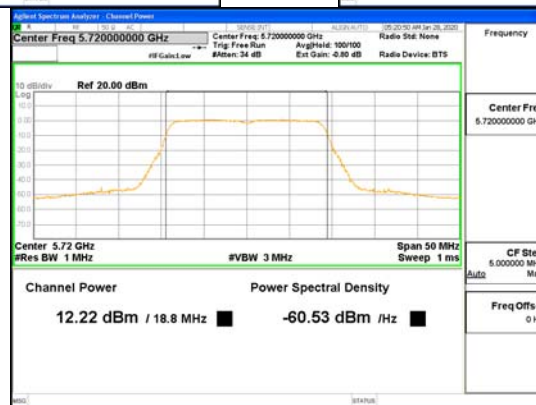
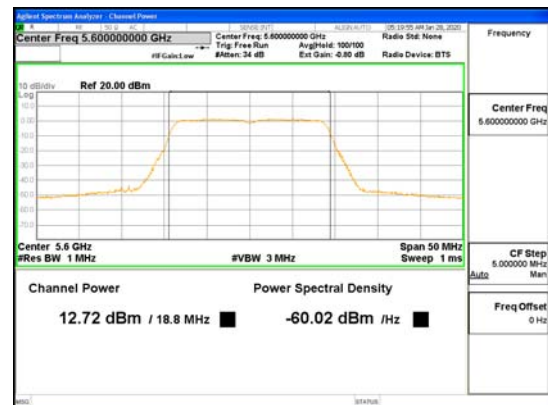


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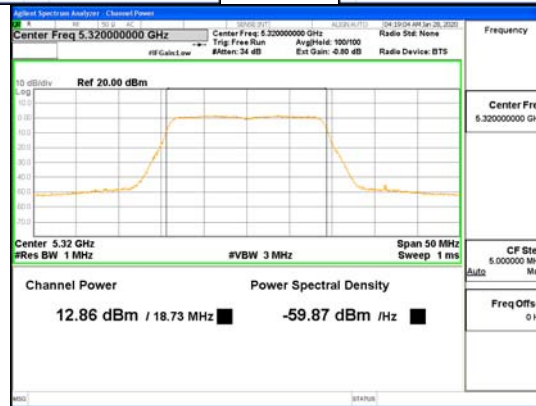
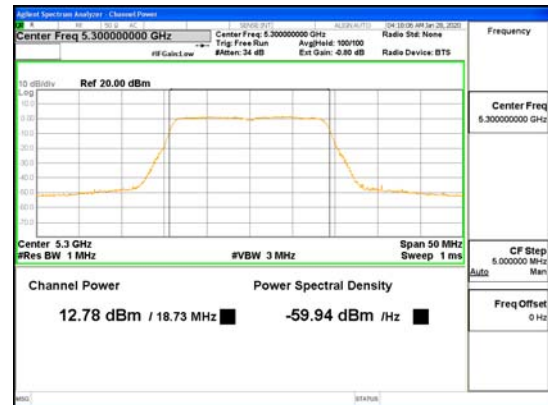
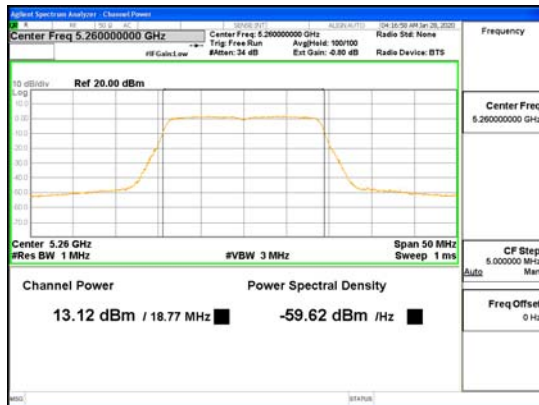




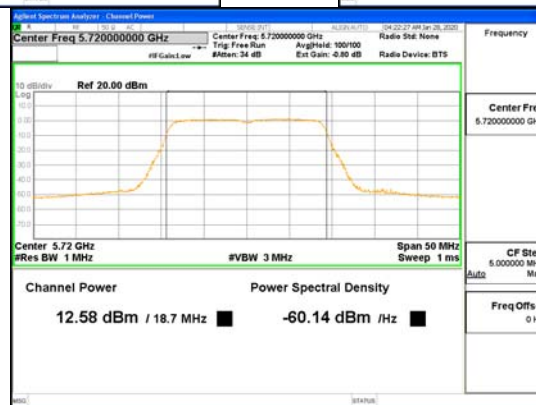
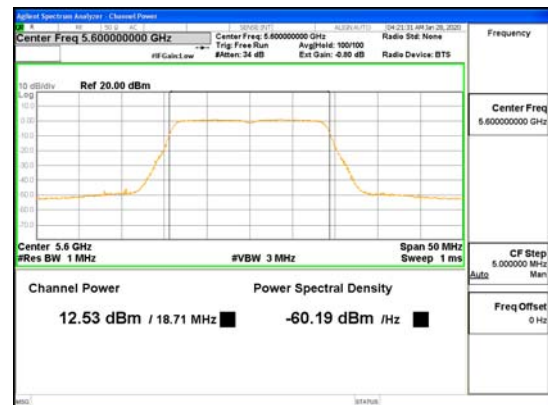
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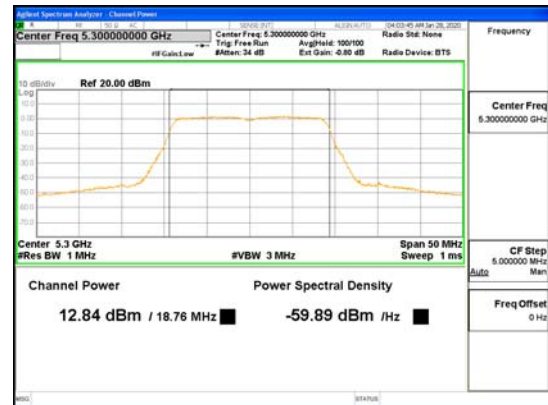
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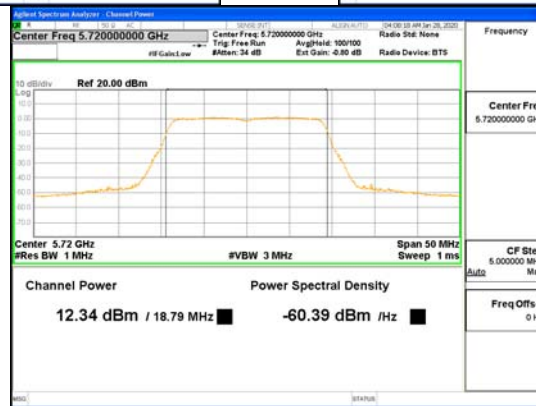
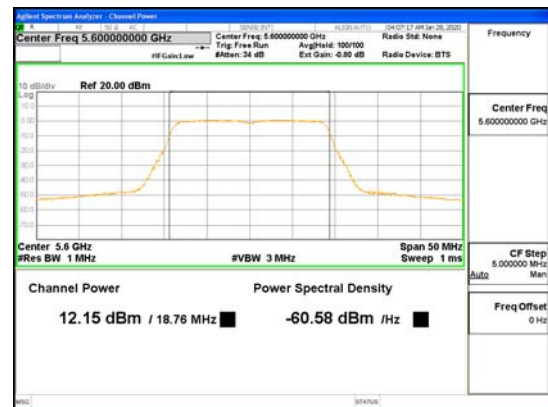
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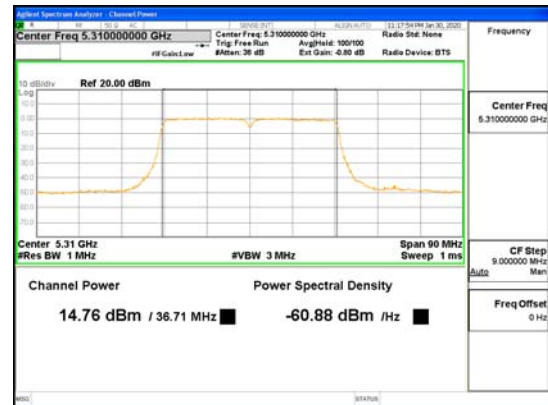
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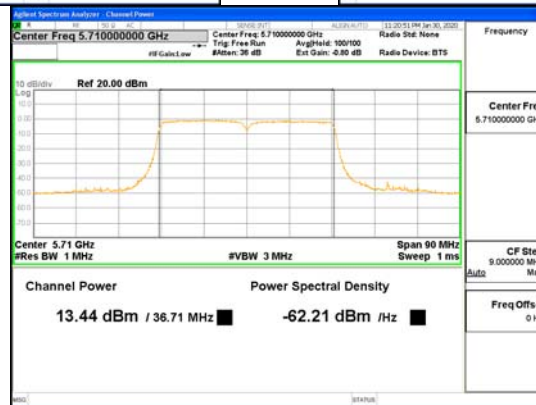
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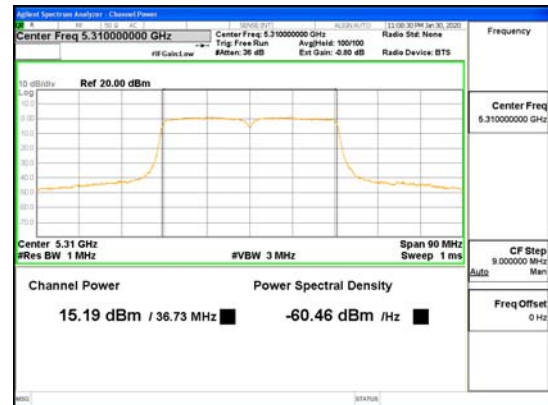
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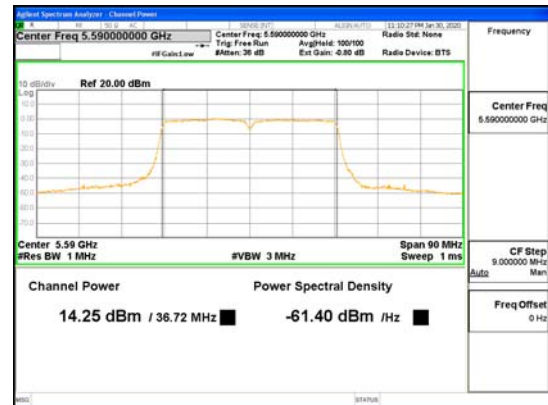
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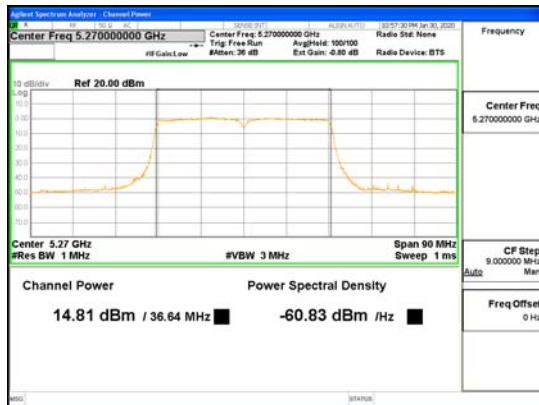
SDM Mode_ANT1_802.11n_HT40_UNII 2C



SDM Mode_ANT2_802.11n_HT40_UNII 2A



SDM Mode_ANT2_802.11n_HT40_UNII 2C



SDM Mode_ANT3_802.11n_HT40_UNII 2A



SDM Mode_ANT3_802.11n_HT40_UNII 2C



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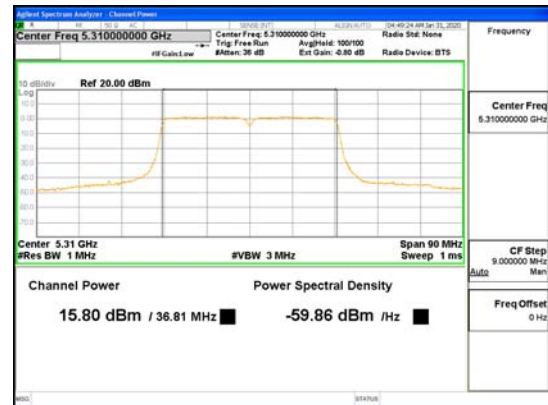
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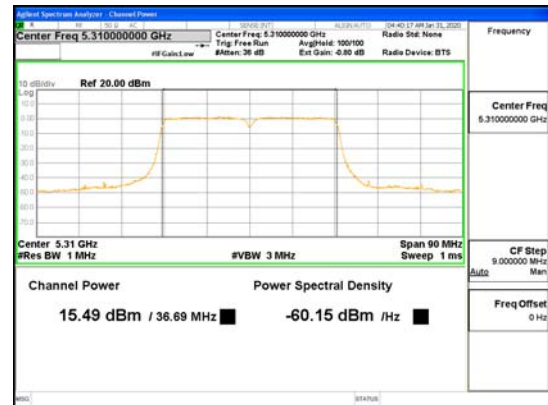
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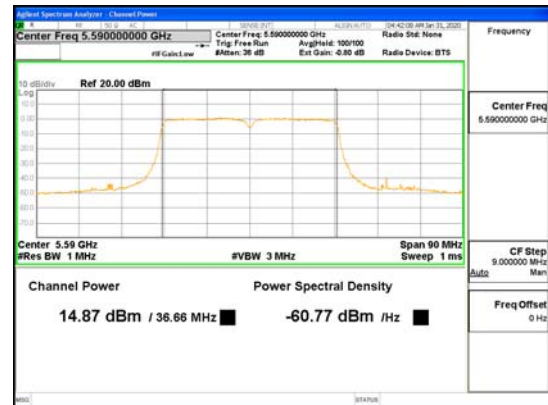
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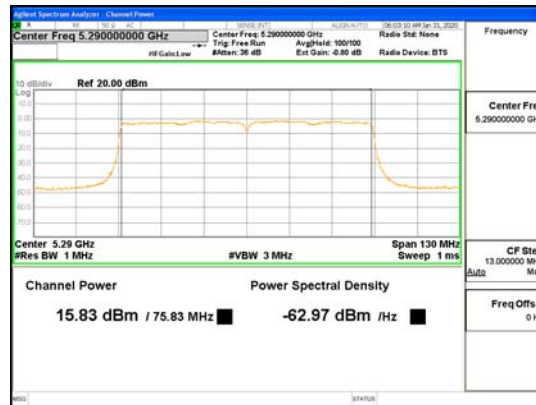
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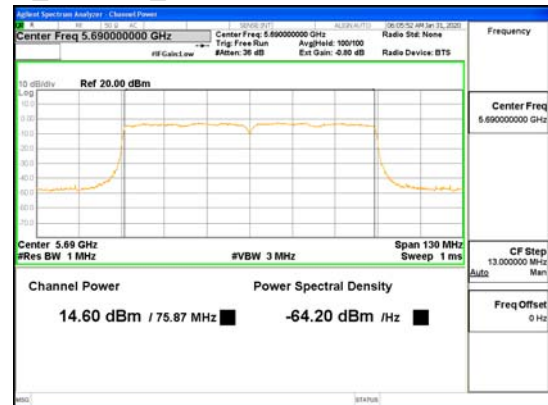
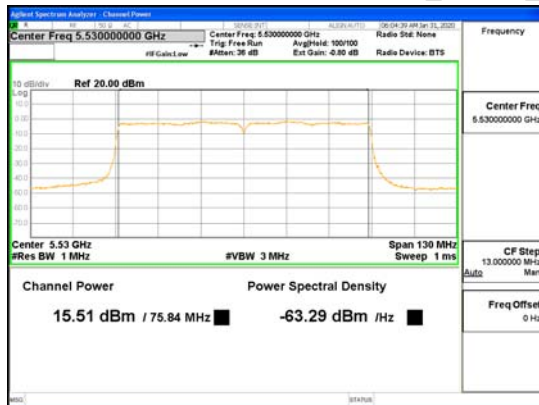
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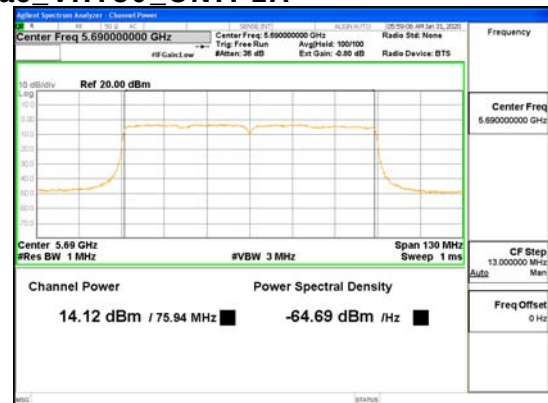
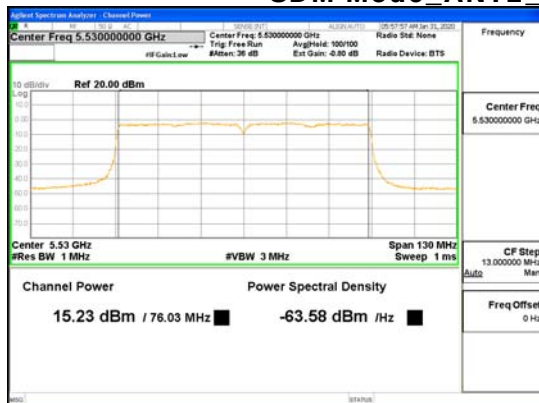
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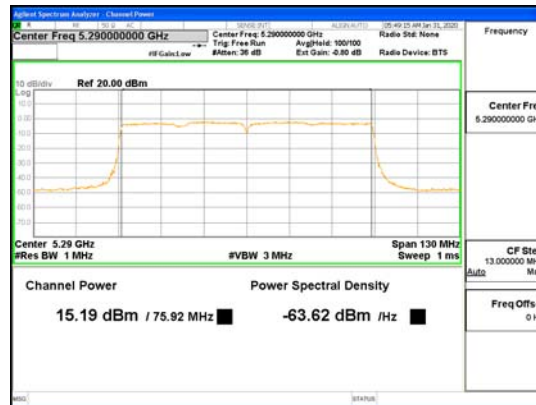
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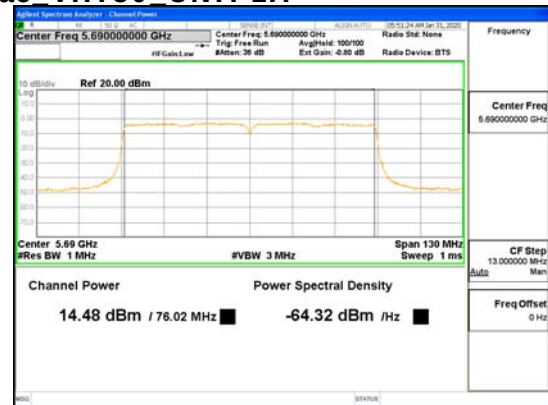
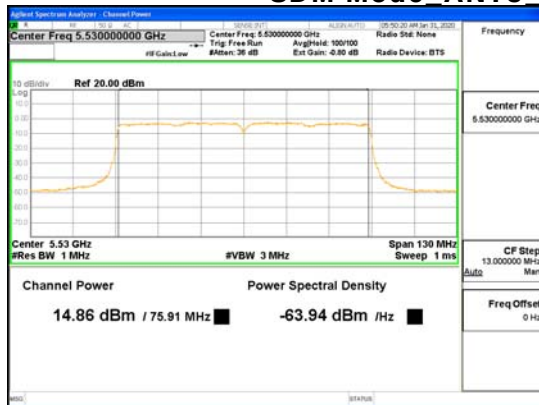
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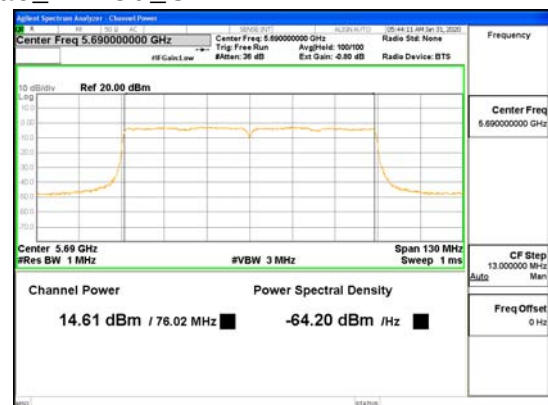
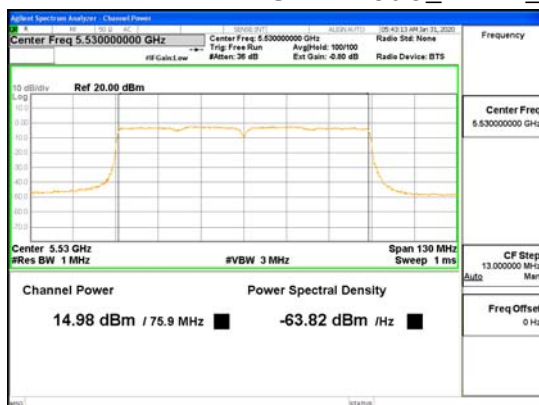
SDM Mode ANT3 802.11ac VHT80 UNII 2A



SDM Mode ANT3 802.11ac VHT80 UNII 2C



SDM Mode ANT4 802.11ac VHT80 UNII 2A



SDM Mode ANT4 802.11ac VHT80 UNII 2C

4.3 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
- b) VBW = 3 MHz
- 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 2A	802.11a/n/ac	ANT1, ANT2, ANT3, ANT4	2.00	11.00
	UNII 2C				
MIMO	UNII 2A	802.11a/n/ac	Multiple ANT (ANT1 + ANT2 + ANT3 + ANT4)	8.02	8.98
	UNII 2C				

Test Data

CDD Mode_ANT1

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11a	5 260	2.62	0.22	2.84	11.00	8.16
	5 300	2.36	0.22	2.58	11.00	8.42
	5 320	2.30	0.22	2.52	11.00	8.48
	5 500	1.76	0.22	1.98	11.00	9.02
	5 600	0.66	0.22	0.88	11.00	10.12
	5 720	0.42	0.22	0.64	11.00	10.36
802.11n_HT20	5 260	1.46	0.21	1.67	11.00	9.33
	5 300	1.14	0.21	1.35	11.00	9.65
	5 320	1.63	0.21	1.84	11.00	9.16
	5 500	1.59	0.21	1.80	11.00	9.20
	5 600	0.33	0.21	0.54	11.00	10.46
	5 720	-0.26	0.21	-0.05	11.00	11.05
802.11ac_VHT20	5 260	1.47	0.41	1.88	11.00	9.12
	5 300	1.85	0.41	2.26	11.00	8.74
	5 320	1.45	0.41	1.86	11.00	9.14
	5 500	1.44	0.41	1.85	11.00	9.15
	5 600	0.51	0.41	0.92	11.00	10.08
	5 720	0.18	0.41	0.59	11.00	10.41
802.11n_HT40	5 270	1.56	0.20	1.76	11.00	9.24
	5 310	1.50	0.20	1.70	11.00	9.30
	5 510	0.97	0.20	1.17	11.00	9.83
	5 590	0.30	0.20	0.50	11.00	10.50
	5 710	-0.06	0.20	0.14	11.00	10.86
802.11ac_VHT40	5 270	1.15	0.12	1.27	11.00	9.73
	5 310	1.37	0.12	1.49	11.00	9.51
	5 510	0.95	0.12	1.07	11.00	9.93
	5 590	0.23	0.12	0.35	11.00	10.65
	5 710	0.14	0.12	0.26	11.00	10.74
802.11ac_VHT80	5 290	-1.53	0.24	-1.29	11.00	12.29
	5 530	-1.30	0.24	-1.06	11.00	12.06
	5 690	-2.29	0.24	-2.05	11.00	13.05
Measurement uncertainty		± 1.5 dB				

CDD Mode_ANT2

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11a	5 260	2.59	0.22	2.81	11.00	8.19
	5 300	2.70	0.22	2.92	11.00	8.08
	5 320	2.84	0.22	3.06	11.00	7.94
	5 500	2.74	0.22	2.96	11.00	8.04
	5 600	1.87	0.22	2.09	11.00	8.91
	5 720	1.31	0.22	1.53	11.00	9.47
802.11n_HT20	5 260	1.65	0.21	1.86	11.00	9.14
	5 300	2.00	0.21	2.21	11.00	8.79
	5 320	2.10	0.21	2.31	11.00	8.69
	5 500	1.99	0.21	2.20	11.00	8.80
	5 600	1.62	0.21	1.83	11.00	9.17
	5 720	1.15	0.21	1.36	11.00	9.64
802.11ac_VHT20	5 260	2.38	0.41	2.79	11.00	8.21
	5 300	2.25	0.41	2.66	11.00	8.34
	5 320	2.38	0.41	2.79	11.00	8.21
	5 500	2.00	0.41	2.41	11.00	8.59
	5 600	1.41	0.41	1.82	11.00	9.18
	5 720	1.22	0.41	1.63	11.00	9.37
802.11n_HT40	5 270	1.25	0.20	1.45	11.00	9.55
	5 310	1.63	0.20	1.83	11.00	9.17
	5 510	1.45	0.20	1.65	11.00	9.35
	5 590	0.42	0.20	0.62	11.00	10.38
	5 710	0.79	0.20	0.99	11.00	10.01
802.11ac_VHT40	5 270	1.77	0.12	1.89	11.00	9.11
	5 310	2.07	0.12	2.19	11.00	8.81
	5 510	1.83	0.12	1.95	11.00	9.05
	5 590	0.84	0.12	0.96	11.00	10.04
	5 710	0.54	0.12	0.66	11.00	10.34
802.11ac_VHT80	5 290	-1.68	0.24	-1.44	11.00	12.44
	5 530	-2.42	0.24	-2.18	11.00	13.18
	5 690	-2.95	0.24	-2.71	11.00	13.71
Measurement uncertainty		± 1.5 dB				

CDD Mode_ANT3

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11a	5 260	2.12	0.22	2.34	11.00	8.66
	5 300	1.81	0.22	2.03	11.00	8.97
	5 320	2.10	0.22	2.32	11.00	8.68
	5 500	2.47	0.22	2.69	11.00	8.31
	5 600	2.13	0.22	2.35	11.00	8.65
	5 720	2.30	0.22	2.52	11.00	8.48
802.11n_HT20	5 260	1.72	0.21	1.93	11.00	9.07
	5 300	1.49	0.21	1.70	11.00	9.30
	5 320	1.59	0.21	1.80	11.00	9.20
	5 500	2.68	0.21	2.89	11.00	8.11
	5 600	1.88	0.21	2.09	11.00	8.91
	5 720	1.42	0.21	1.63	11.00	9.37
802.11ac_VHT20	5 260	1.63	0.41	2.04	11.00	8.96
	5 300	1.90	0.41	2.31	11.00	8.69
	5 320	1.70	0.41	2.11	11.00	8.89
	5 500	1.78	0.41	2.19	11.00	8.81
	5 600	1.25	0.41	1.66	11.00	9.34
	5 720	1.55	0.41	1.96	11.00	9.04
802.11n_HT40	5 270	1.26	0.20	1.46	11.00	9.54
	5 310	1.19	0.20	1.39	11.00	9.61
	5 510	1.16	0.20	1.36	11.00	9.64
	5 590	0.39	0.20	0.59	11.00	10.41
	5 710	0.81	0.20	1.01	11.00	9.99
802.11ac_VHT40	5 270	1.52	0.12	1.64	11.00	9.36
	5 310	1.42	0.12	1.54	11.00	9.46
	5 510	1.12	0.12	1.24	11.00	9.76
	5 590	0.70	0.12	0.82	11.00	10.18
	5 710	1.03	0.12	1.15	11.00	9.85
802.11ac_VHT80	5 290	-1.69	0.24	-1.45	11.00	12.45
	5 530	-2.08	0.24	-1.84	11.00	12.84
	5 690	-2.35	0.24	-2.11	11.00	13.11
Measurement uncertainty		± 1.5 dB				

CDD Mode_ANT4

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11a	5 260	2.51	0.22	2.73	11.00	8.27
	5 300	2.43	0.22	2.65	11.00	8.35
	5 320	2.33	0.22	2.55	11.00	8.45
	5 500	2.71	0.22	2.93	11.00	8.07
	5 600	2.11	0.22	2.33	11.00	8.67
	5 720	2.03	0.22	2.25	11.00	8.75
802.11n_HT20	5 260	2.26	0.21	2.47	11.00	8.53
	5 300	1.91	0.21	2.12	11.00	8.88
	5 320	2.09	0.21	2.30	11.00	8.70
	5 500	1.92	0.21	2.13	11.00	8.87
	5 600	1.32	0.21	1.53	11.00	9.47
	5 720	1.62	0.21	1.83	11.00	9.17
802.11ac_VHT20	5 260	1.55	0.41	1.96	11.00	9.04
	5 300	1.67	0.41	2.08	11.00	8.92
	5 320	1.98	0.41	2.39	11.00	8.61
	5 500	1.70	0.41	2.11	11.00	8.89
	5 600	1.04	0.41	1.45	11.00	9.55
	5 720	1.25	0.41	1.66	11.00	9.34
802.11n_HT40	5 270	1.04	0.20	1.24	11.00	9.76
	5 310	1.18	0.20	1.38	11.00	9.62
	5 510	0.87	0.20	1.07	11.00	9.93
	5 590	0.24	0.20	0.44	11.00	10.56
	5 710	0.38	0.20	0.58	11.00	10.42
802.11ac_VHT40	5 270	1.51	0.12	1.63	11.00	9.37
	5 310	1.33	0.12	1.45	11.00	9.55
	5 510	1.31	0.12	1.43	11.00	9.57
	5 590	0.71	0.12	0.83	11.00	10.17
	5 710	1.01	0.12	1.13	11.00	9.87
802.11ac_VHT80	5 290	-1.89	0.24	-1.65	11.00	12.65
	5 530	-1.79	0.24	-1.55	11.00	12.55
	5 690	-2.04	0.24	-1.80	11.00	12.80
Measurement uncertainty		± 1.5 dB				

CDD Mode_Multiple ANT

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11a	5 260	8.49	0.22	8.71	8.98	0.27
	5 300	8.36	0.22	8.58	8.98	0.40
	5 320	8.42	0.22	8.64	8.98	0.34
	5 500	8.46	0.22	8.68	8.98	0.30
	5 600	7.75	0.22	7.97	8.98	1.01
	5 720	7.59	0.22	7.81	8.98	1.17
802.11n_HT20	5 260	7.80	0.21	8.01	8.98	0.97
	5 300	7.67	0.21	7.88	8.98	1.10
	5 320	7.88	0.21	8.09	8.98	0.89
	5 500	8.08	0.21	8.29	8.98	0.69
	5 600	7.35	0.21	7.56	8.98	1.42
	5 720	7.06	0.21	7.27	8.98	1.71
802.11ac_VHT20	5 260	7.79	0.41	8.20	8.98	0.78
	5 300	7.94	0.41	8.35	8.98	0.63
	5 320	7.91	0.41	8.32	8.98	0.66
	5 500	7.76	0.41	8.17	8.98	0.81
	5 600	7.09	0.41	7.50	8.98	1.48
	5 720	7.10	0.41	7.51	8.98	1.47
802.11n_HT40	5 270	7.30	0.20	7.50	8.98	1.48
	5 310	7.40	0.20	7.60	8.98	1.38
	5 510	7.14	0.20	7.34	8.98	1.64
	5 590	6.36	0.20	6.56	8.98	2.42
	5 710	6.51	0.20	6.71	8.98	2.27
802.11ac_VHT40	5 270	7.51	0.12	7.63	8.98	1.35
	5 310	7.58	0.12	7.70	8.98	1.28
	5 510	7.34	0.12	7.46	8.98	1.52
	5 590	6.65	0.12	6.77	8.98	2.21
	5 710	6.72	0.12	6.84	8.98	2.14
802.11ac_VHT80	5 290	4.32	0.24	4.56	8.98	4.42
	5 530	4.14	0.24	4.38	8.98	4.60
	5 690	3.63	0.24	3.87	8.98	5.11
Measurement uncertainty		± 1.5 dB				

SDM Mode_ANT1

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11n_HT20	5 260	0.96	0.21	1.17	11.00	9.83
	5 300	1.03	0.21	1.24	11.00	9.76
	5 320	1.17	0.21	1.38	11.00	9.62
	5 500	1.32	0.21	1.53	11.00	9.47
	5 600	0.08	0.21	0.29	11.00	10.71
	5 720	-0.50	0.21	-0.29	11.00	11.29
802.11ac_VHT20	5 260	1.24	0.41	1.65	11.00	9.35
	5 300	1.36	0.41	1.77	11.00	9.23
	5 320	1.39	0.41	1.80	11.00	9.20
	5 500	1.29	0.41	1.70	11.00	9.30
	5 600	0.46	0.41	0.87	11.00	10.13
	5 720	-0.03	0.41	0.38	11.00	10.62
802.11n_HT40	5 270	0.39	0.20	0.59	11.00	10.41
	5 310	0.74	0.20	0.94	11.00	10.06
	5 510	0.36	0.20	0.56	11.00	10.44
	5 590	-0.36	0.20	-0.16	11.00	11.16
	5 710	-0.68	0.20	-0.48	11.00	11.48
802.11ac_VHT40	5 270	1.14	0.12	1.26	11.00	9.74
	5 310	1.39	0.12	1.51	11.00	9.49
	5 510	0.92	0.12	1.04	11.00	9.96
	5 590	0.11	0.12	0.23	11.00	10.77
	5 710	0.00	0.12	0.12	11.00	10.88
802.11ac_VHT80	5 290	-1.45	0.24	-1.21	11.00	12.21
	5 530	-1.84	0.24	-1.60	11.00	12.60
	5 690	-2.57	0.24	-2.33	11.00	13.33
Measurement uncertainty		± 1.5 dB				

SDM Mode_ANT2

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11n_HT20	5 260	1.71	0.21	1.92	11.00	9.08
	5 300	1.77	0.21	1.98	11.00	9.02
	5 320	2.05	0.21	2.26	11.00	8.74
	5 500	2.05	0.21	2.26	11.00	8.74
	5 600	1.72	0.21	1.93	11.00	9.07
	5 720	1.17	0.21	1.38	11.00	9.62
802.11ac_VHT20	5 260	2.21	0.41	2.62	11.00	8.38
	5 300	2.20	0.41	2.61	11.00	8.39
	5 320	2.41	0.41	2.82	11.00	8.18
	5 500	2.04	0.41	2.45	11.00	8.55
	5 600	1.33	0.41	1.74	11.00	9.26
	5 720	1.13	0.41	1.54	11.00	9.46
802.11n_HT40	5 270	1.15	0.20	1.35	11.00	9.65
	5 310	1.09	0.20	1.29	11.00	9.71
	5 510	0.86	0.20	1.06	11.00	9.94
	5 590	0.51	0.20	0.71	11.00	10.29
	5 710	-0.13	0.20	0.07	11.00	10.93
802.11ac_VHT40	5 270	1.28	0.12	1.40	11.00	9.60
	5 310	1.62	0.12	1.74	11.00	9.26
	5 510	1.38	0.12	1.50	11.00	9.50
	5 590	0.57	0.12	0.69	11.00	10.31
	5 710	0.46	0.12	0.58	11.00	10.42
802.11ac_VHT80	5 290	-1.44	0.24	-1.20	11.00	12.20
	5 530	-1.91	0.24	-1.67	11.00	12.67
	5 690	-3.14	0.24	-2.90	11.00	13.90
Measurement uncertainty		± 1.5 dB				

SDM Mode_ANT3

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11n_HT20	5 260	0.98	0.21	1.19	11.00	9.81
	5 300	1.06	0.21	1.27	11.00	9.73
	5 320	1.28	0.21	1.49	11.00	9.51
	5 500	1.78	0.21	1.99	11.00	9.01
	5 600	1.28	0.21	1.49	11.00	9.51
	5 720	1.29	0.21	1.50	11.00	9.50
802.11ac_VHT20	5 260	1.72	0.41	2.13	11.00	8.87
	5 300	1.56	0.41	1.97	11.00	9.03
	5 320	1.81	0.41	2.22	11.00	8.78
	5 500	1.59	0.41	2.00	11.00	9.00
	5 600	1.54	0.41	1.95	11.00	9.05
	5 720	1.58	0.41	1.99	11.00	9.01
802.11n_HT40	5 270	0.68	0.20	0.88	11.00	10.12
	5 310	0.85	0.20	1.05	11.00	9.95
	5 510	0.38	0.20	0.58	11.00	10.42
	5 590	-0.03	0.20	0.17	11.00	10.83
	5 710	0.40	0.20	0.60	11.00	10.40
802.11ac_VHT40	5 270	1.38	0.12	1.50	11.00	9.50
	5 310	1.38	0.12	1.50	11.00	9.50
	5 510	1.28	0.12	1.40	11.00	9.60
	5 590	0.62	0.12	0.74	11.00	10.26
	5 710	0.92	0.12	1.04	11.00	9.96
802.11ac_VHT80	5 290	-1.74	0.24	-1.50	11.00	12.50
	5 530	-2.55	0.24	-2.31	11.00	13.31
	5 690	-2.80	0.24	-2.56	11.00	13.56
Measurement uncertainty		± 1.5 dB				

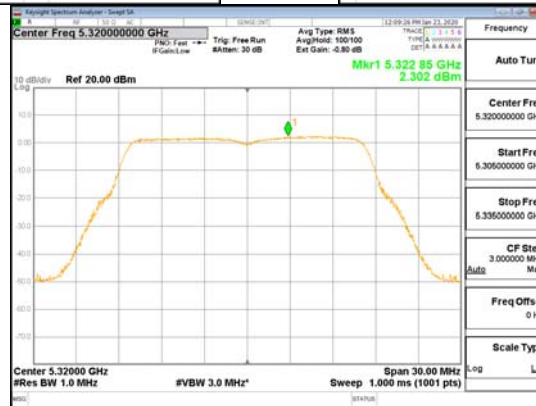
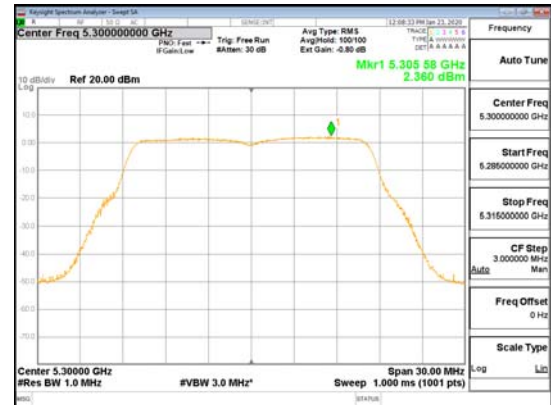
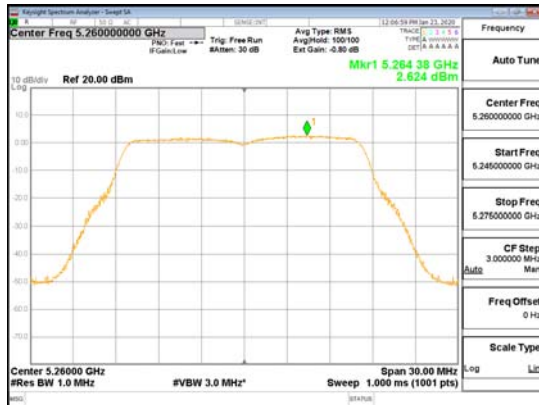
SDM Mode_ANT4

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11n_HT20	5 260	1.56	0.21	1.77	11.00	9.23
	5 300	1.20	0.21	1.41	11.00	9.59
	5 320	1.25	0.21	1.46	11.00	9.54
	5 500	2.07	0.21	2.28	11.00	8.72
	5 600	1.43	0.21	1.64	11.00	9.36
	5 720	1.45	0.21	1.66	11.00	9.34
802.11ac_VHT20	5 260	1.73	0.41	2.14	11.00	8.86
	5 300	1.44	0.41	1.85	11.00	9.15
	5 320	2.28	0.41	2.69	11.00	8.31
	5 500	1.58	0.41	1.99	11.00	9.01
	5 600	0.89	0.41	1.30	11.00	9.70
	5 720	1.03	0.41	1.44	11.00	9.56
802.11n_HT40	5 270	0.49	0.20	0.69	11.00	10.31
	5 310	0.37	0.20	0.57	11.00	10.43
	5 510	0.20	0.20	0.40	11.00	10.60
	5 590	-0.40	0.20	-0.20	11.00	11.20
	5 710	0.23	0.20	0.43	11.00	10.57
802.11ac_VHT40	5 270	1.39	0.12	1.51	11.00	9.49
	5 310	1.42	0.12	1.54	11.00	9.46
	5 510	0.95	0.12	1.07	11.00	9.93
	5 590	0.46	0.12	0.58	11.00	10.42
	5 710	0.82	0.12	0.94	11.00	10.06
802.11ac_VHT80	5 290	-1.85	0.24	-1.61	11.00	12.61
	5 530	-2.24	0.24	-2.00	11.00	13.00
	5 690	-2.58	0.24	-2.34	11.00	13.34
Measurement uncertainty		± 1.5 dB				

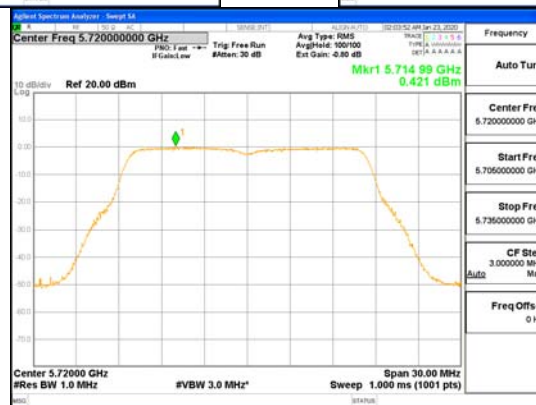
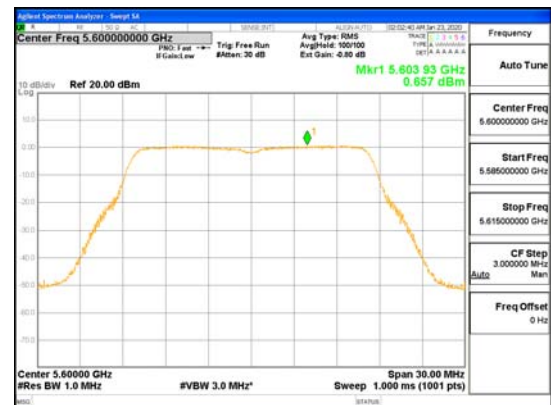
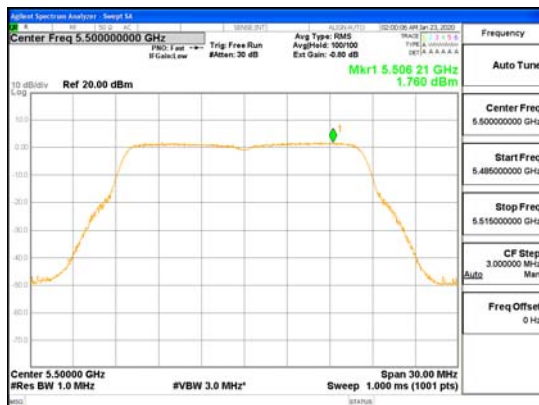
SDM Mode_Multiple ANT

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Power Density (dBm)	Limit (dBm)	Margin (dB)
802.11n_HT20	5 260	7.34	0.21	7.55	8.98	1.43
	5 300	7.30	0.21	7.51	8.98	1.47
	5 320	7.47	0.21	7.68	8.98	1.30
	5 500	7.84	0.21	8.05	8.98	0.93
	5 600	7.19	0.21	7.40	8.98	1.58
	5 720	6.94	0.21	7.15	8.98	1.83
802.11ac_VHT20	5 260	7.76	0.41	8.17	8.98	0.81
	5 300	7.67	0.41	8.08	8.98	0.90
	5 320	8.01	0.41	8.42	8.98	0.56
	5 500	7.65	0.41	8.06	8.98	0.92
	5 600	7.10	0.41	7.51	8.98	1.47
	5 720	6.99	0.41	7.40	8.98	1.58
802.11n_HT40	5 270	6.71	0.20	6.91	8.98	2.07
	5 310	6.79	0.20	6.99	8.98	1.99
	5 510	6.48	0.20	6.68	8.98	2.30
	5 590	5.97	0.20	6.17	8.98	2.81
	5 710	5.99	0.20	6.19	8.98	2.79
802.11ac_VHT40	5 270	7.32	0.12	7.44	8.98	1.54
	5 310	7.47	0.12	7.59	8.98	1.39
	5 510	7.16	0.12	7.28	8.98	1.70
	5 590	6.47	0.12	6.59	8.98	2.39
	5 710	6.59	0.12	6.71	8.98	2.27
802.11ac_VHT80	5 290	4.40	0.24	4.64	8.98	4.34
	5 530	3.89	0.24	4.13	8.98	4.85
	5 690	3.25	0.24	3.49	8.98	5.49
Measurement uncertainty		± 1.5 dB				

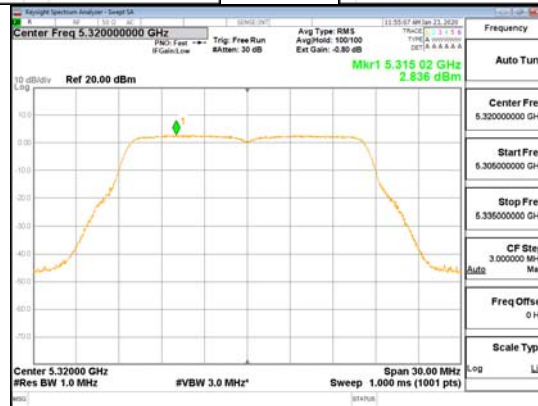
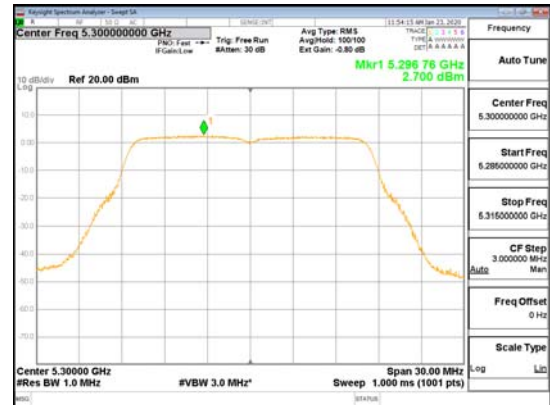
See next pages for actual measured spectrum plots.



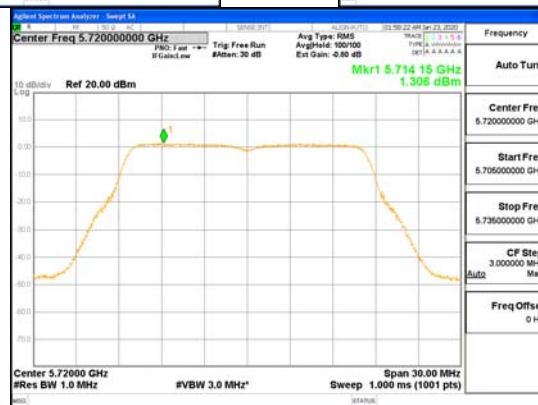
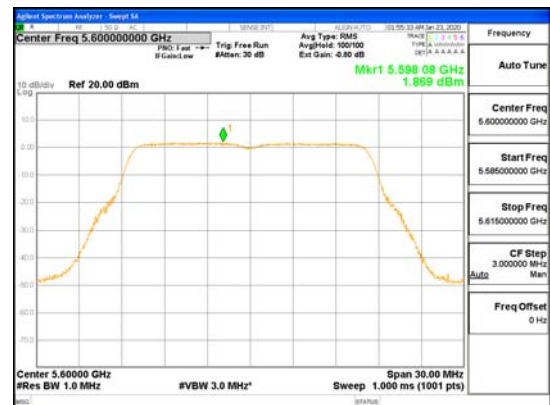
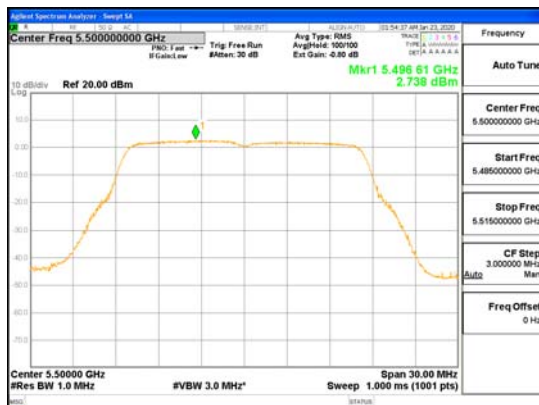
CDD Mode_ANT1_802.11a_UNII 2A



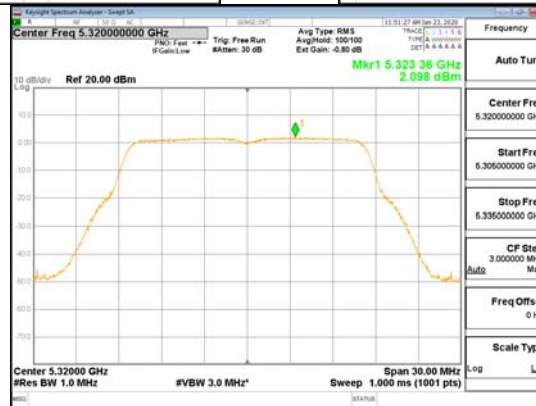
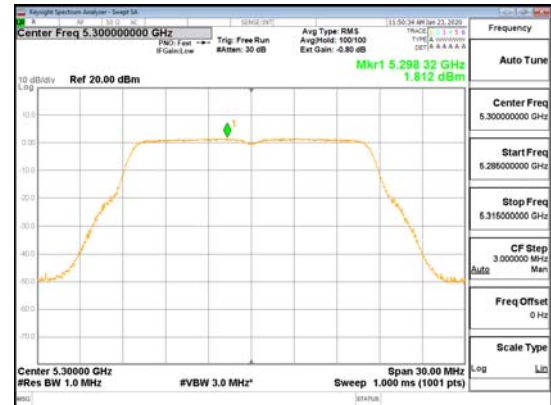
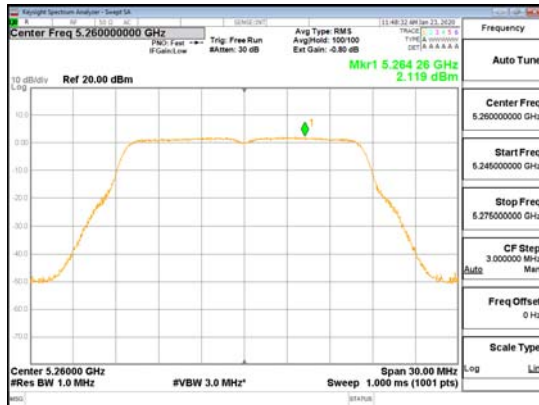
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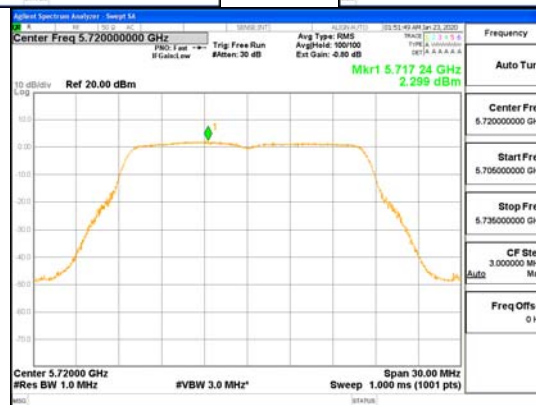
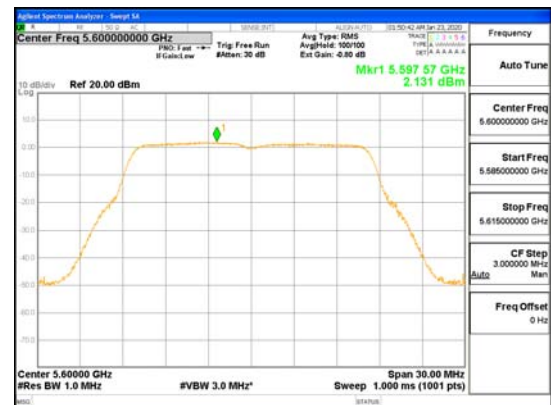
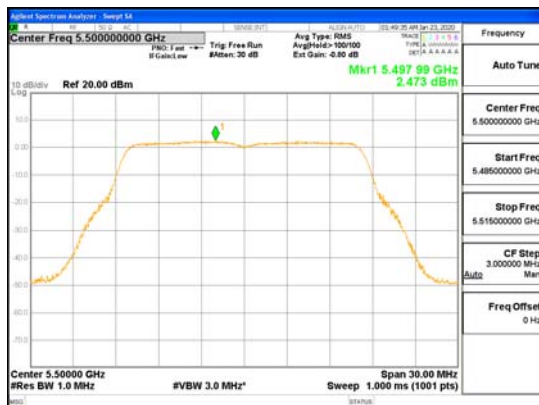
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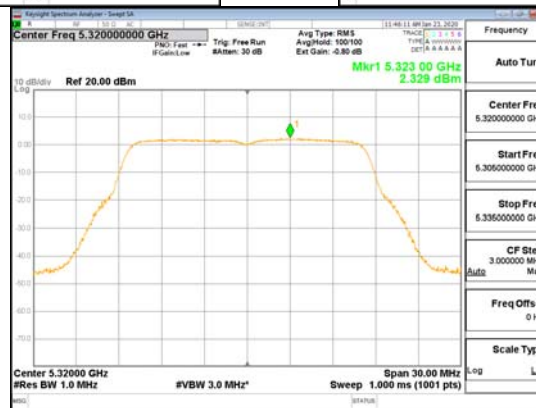
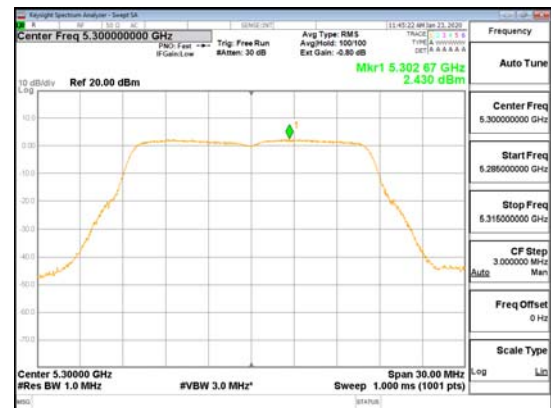
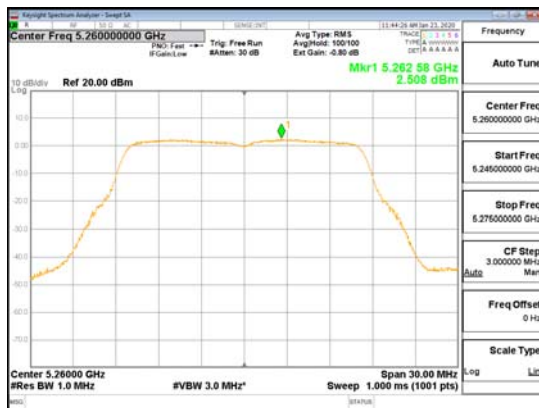
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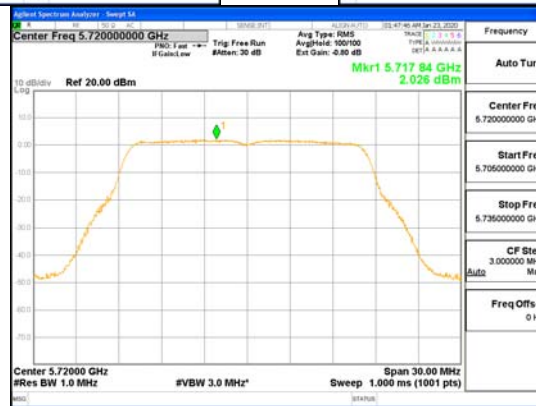
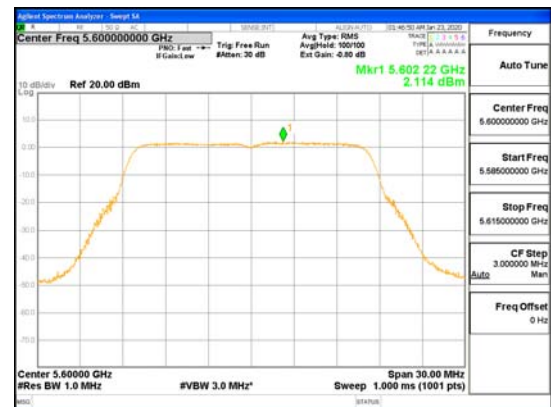
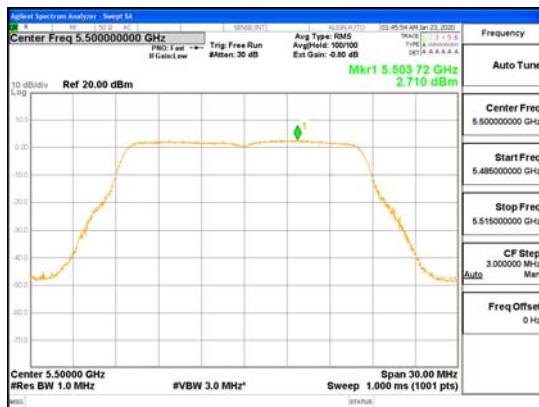
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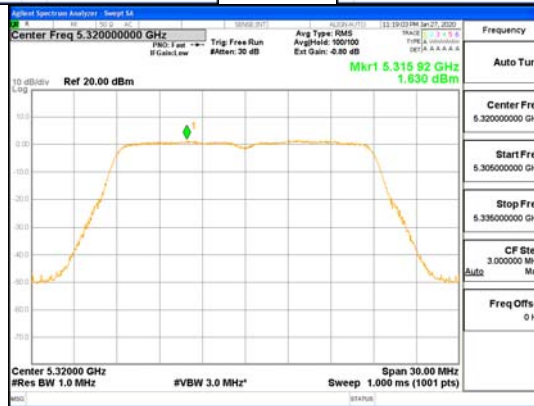
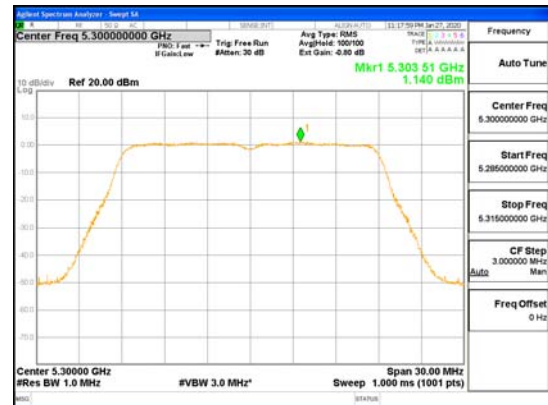
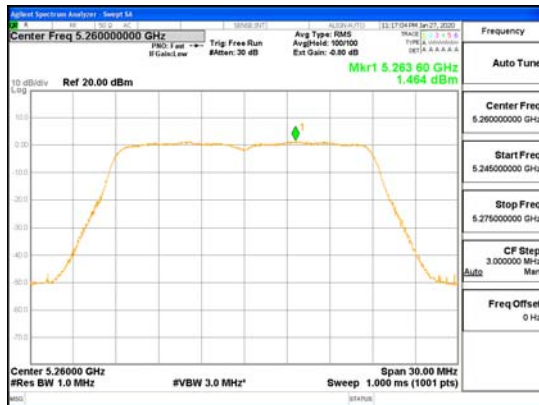
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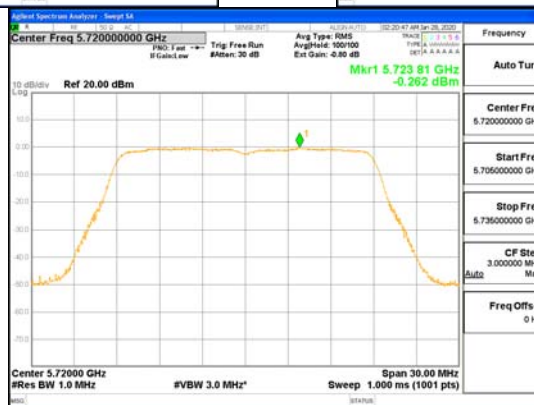
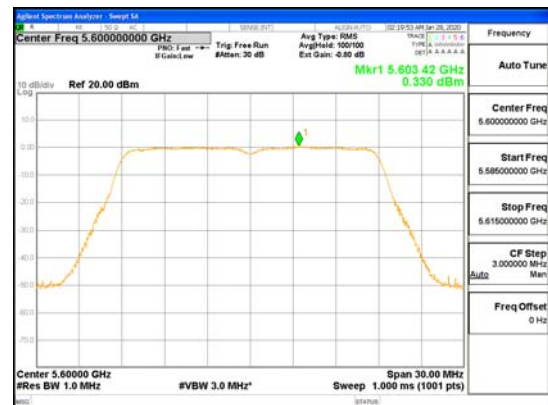
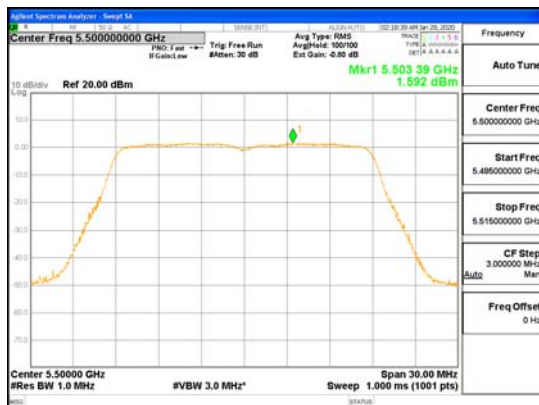
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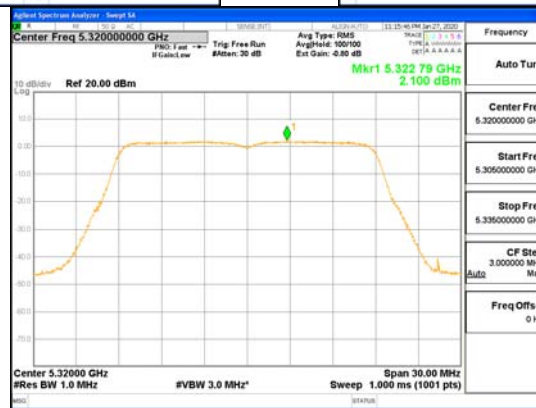
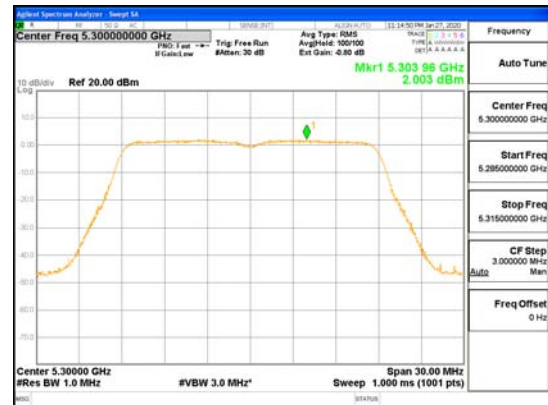
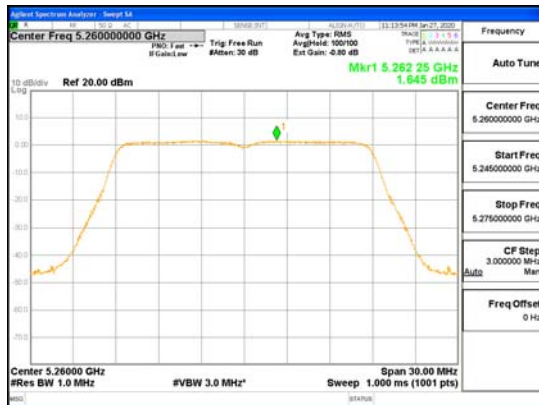
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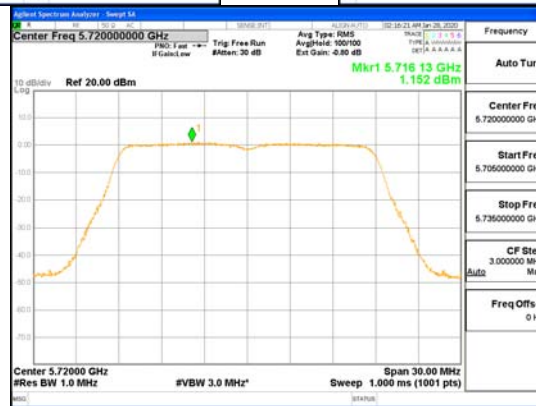
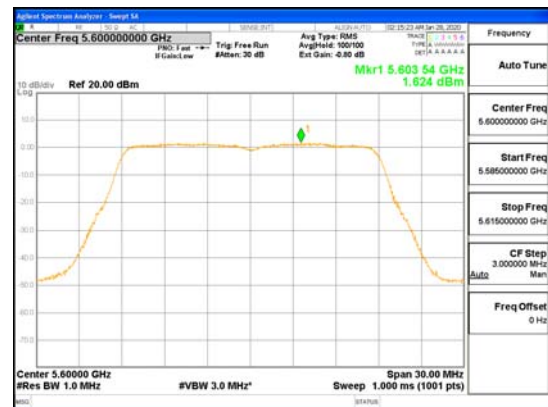
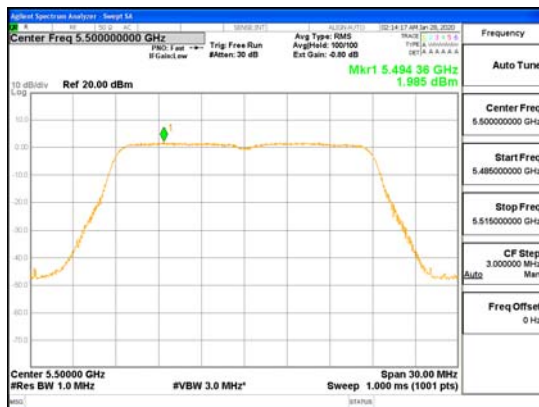
CDD Mode_ANT1_802.11n_HT20_UNII 2A



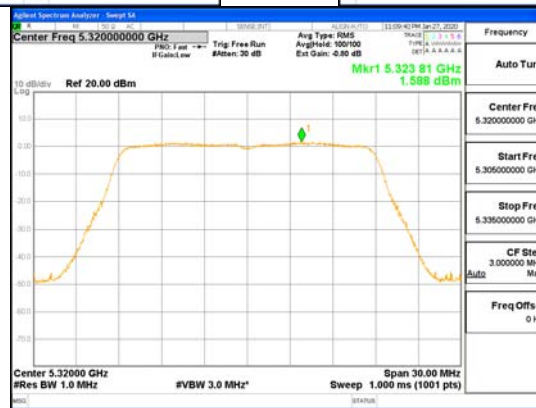
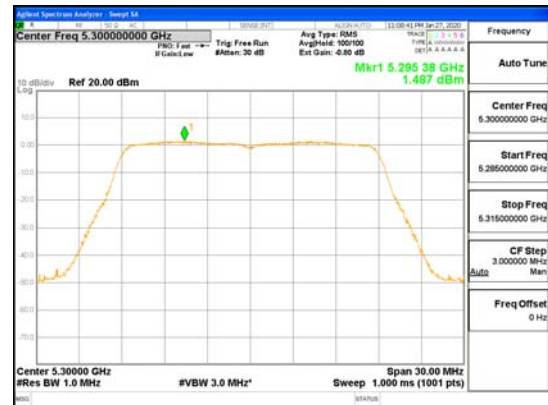
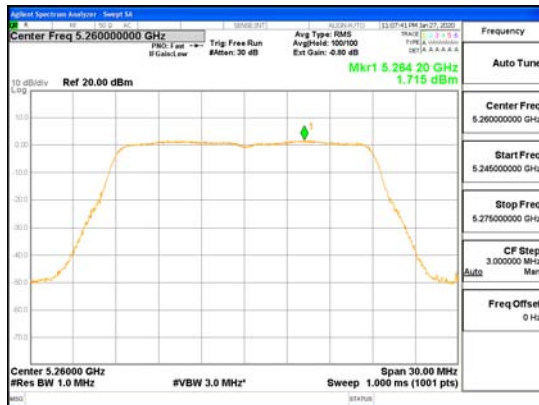
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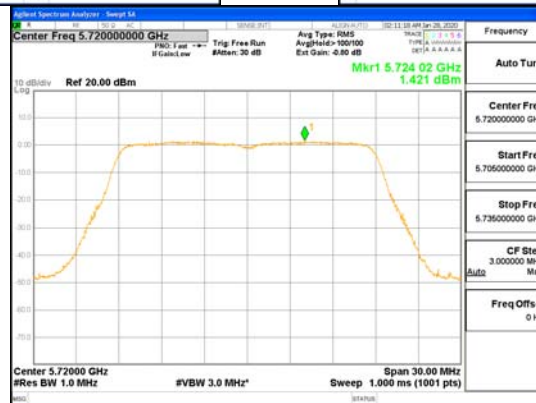
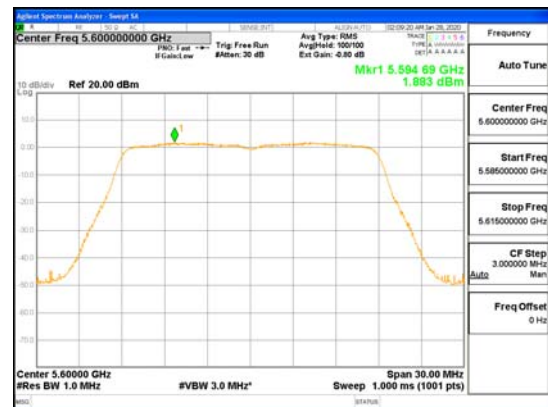
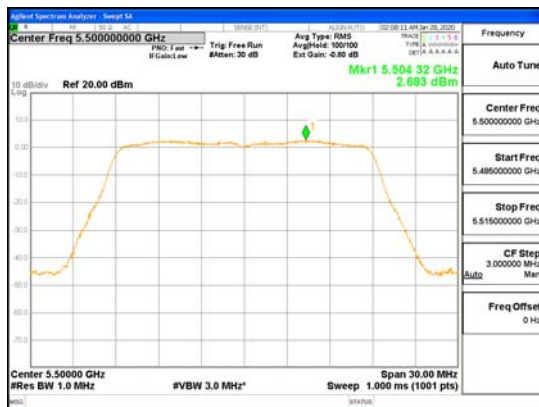
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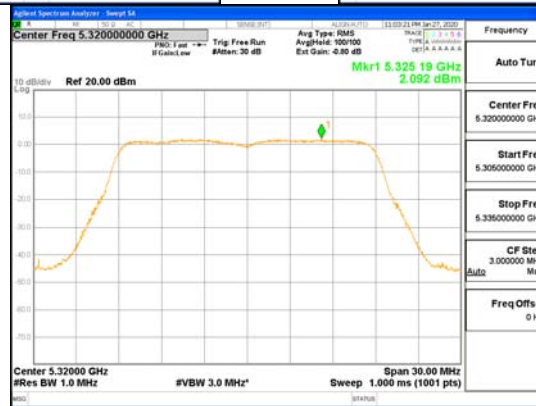
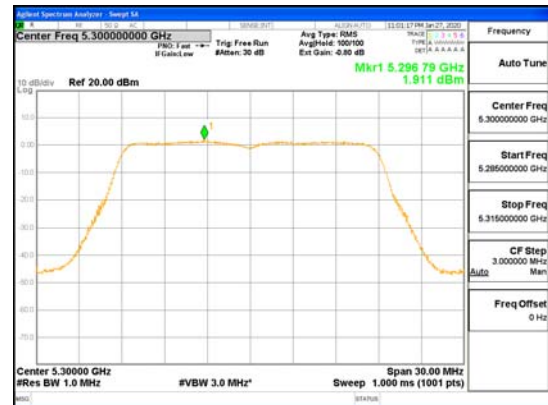
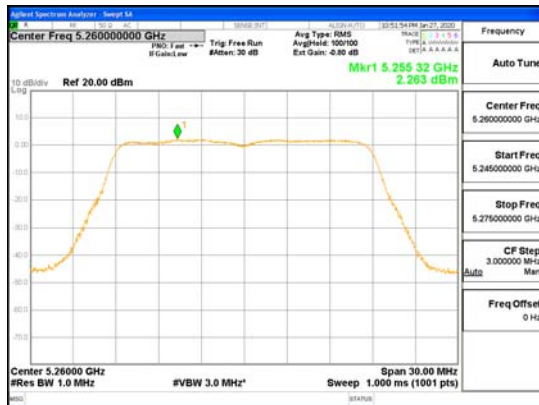
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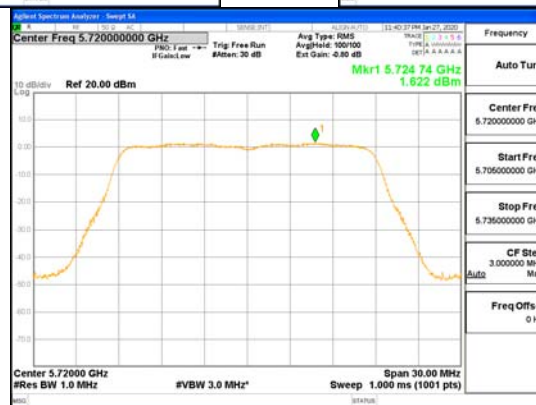
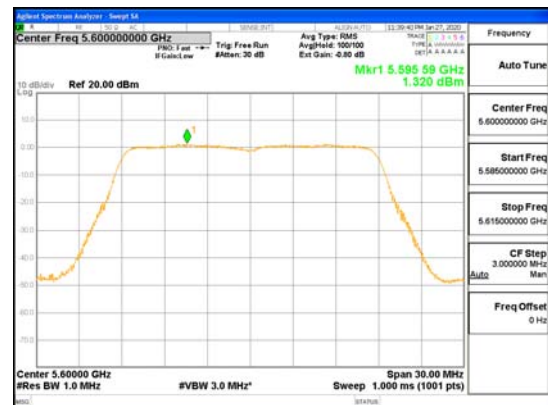
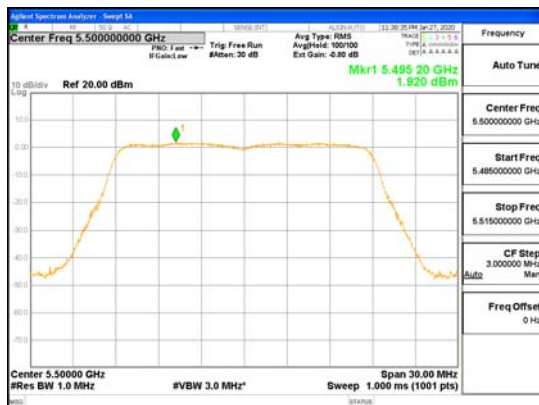
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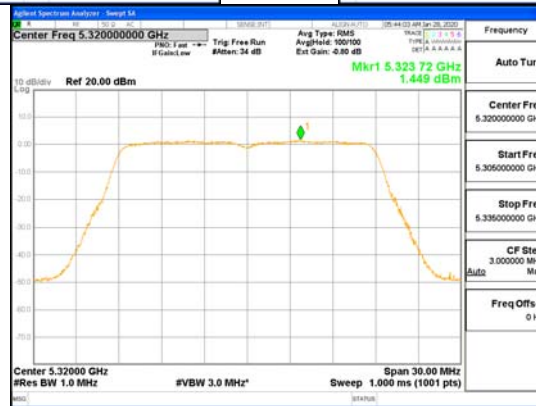
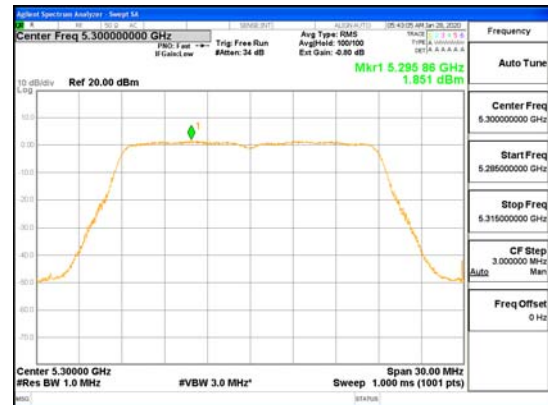
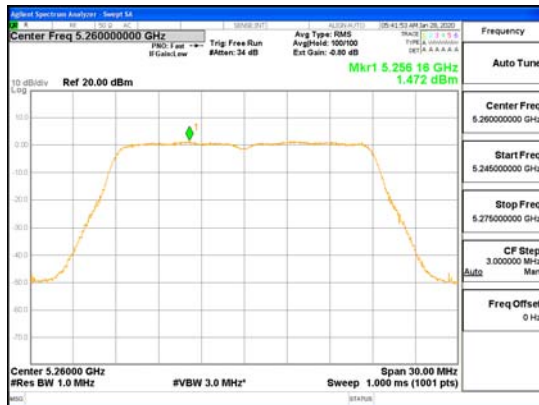
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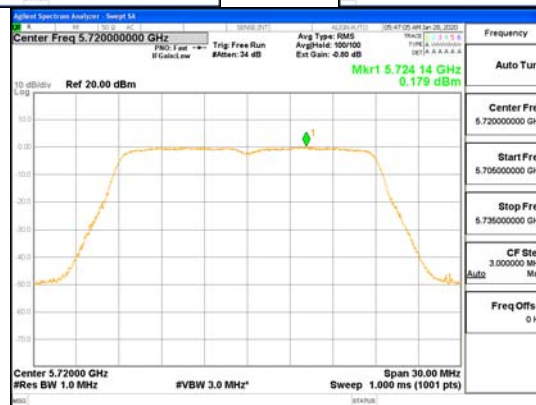
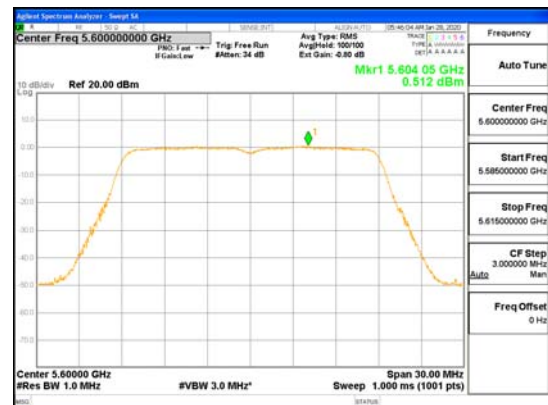
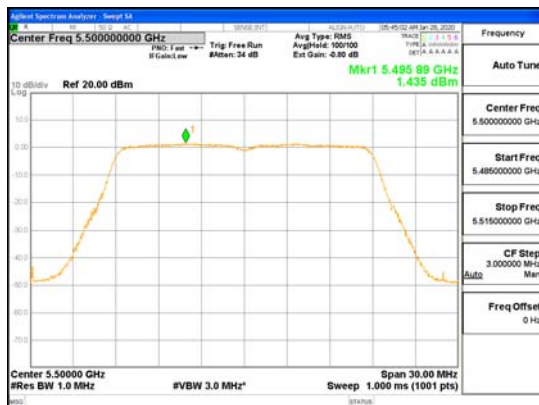
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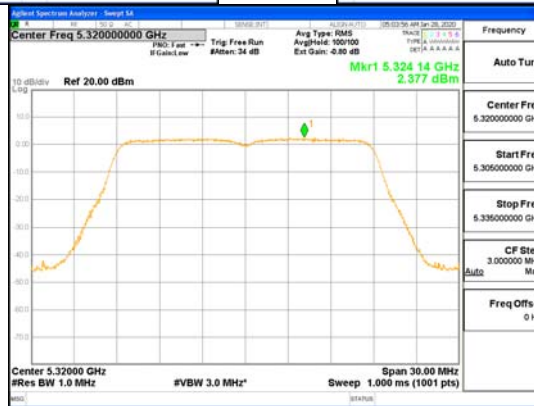
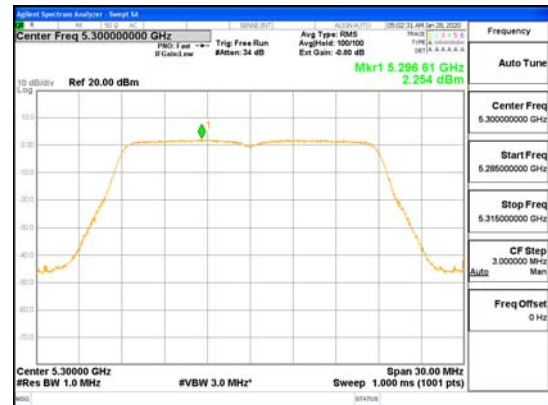
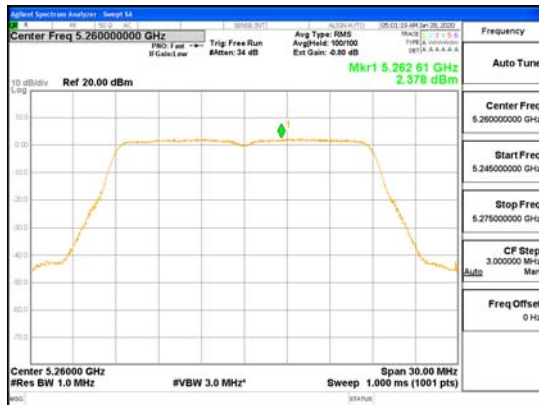
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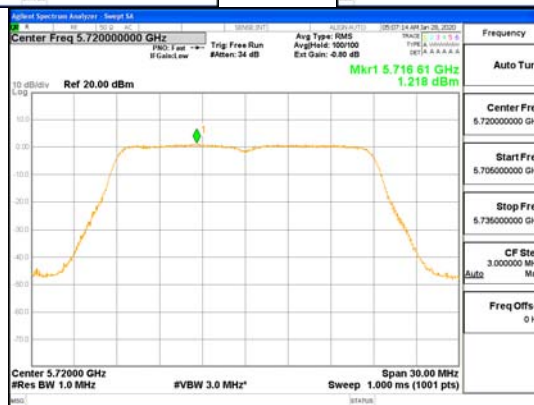
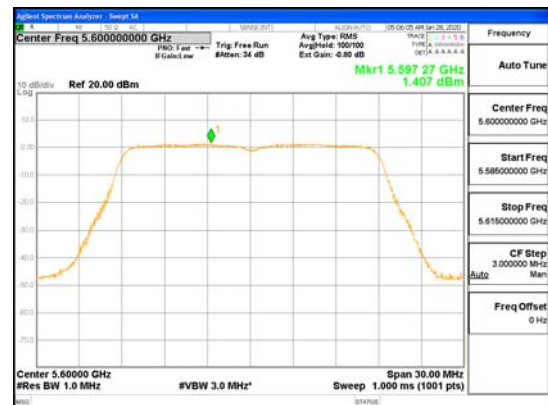
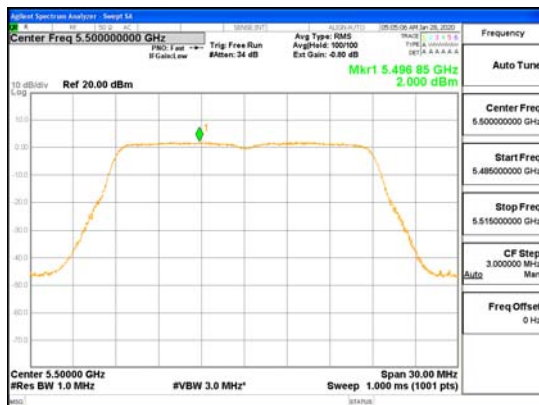
CDD Mode_ANT1_802.11ac_VHT20_UNII 2A



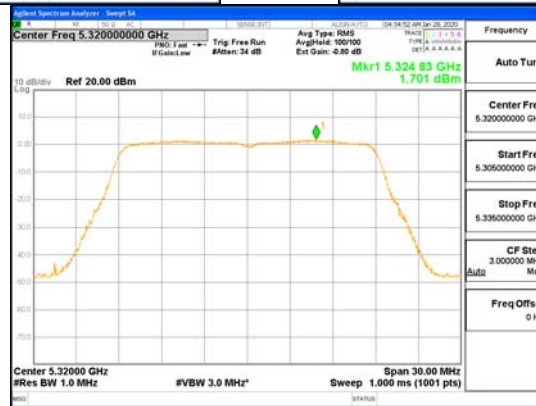
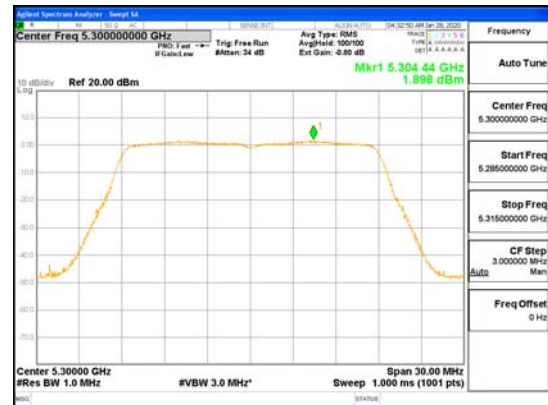
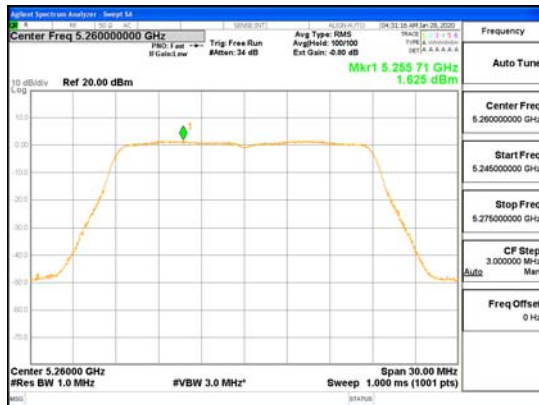
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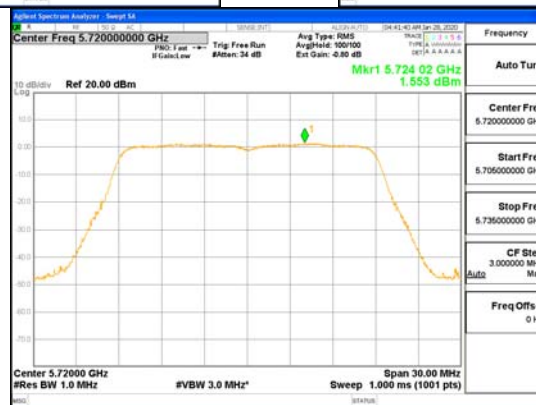
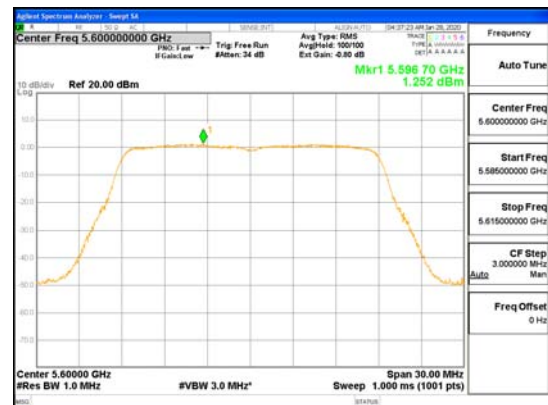
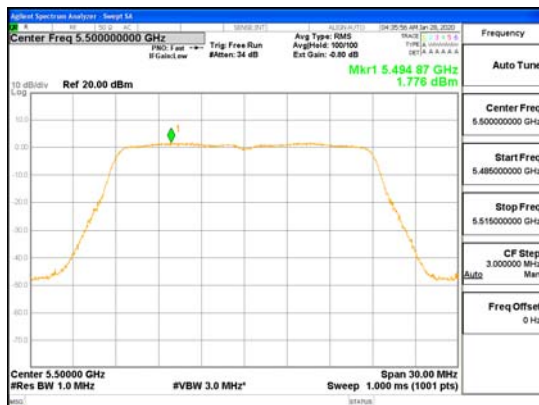
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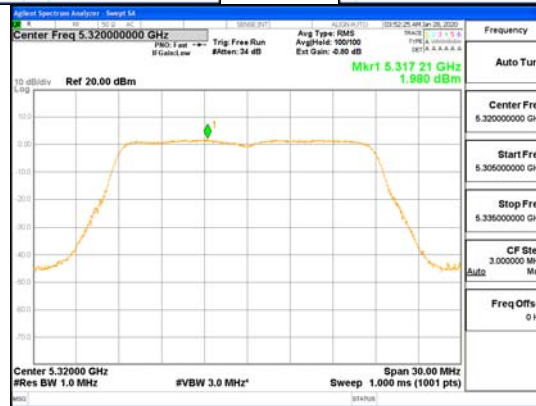
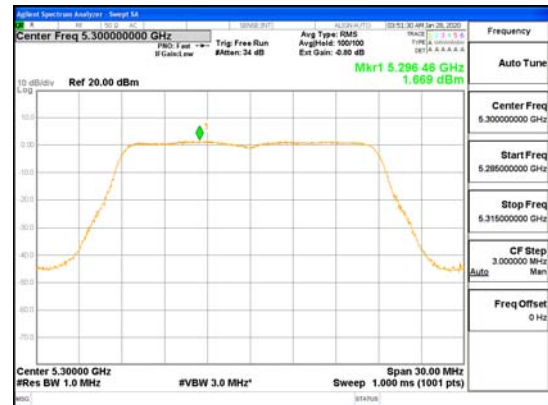
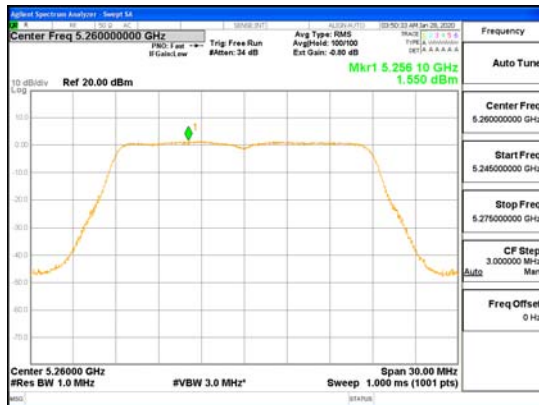
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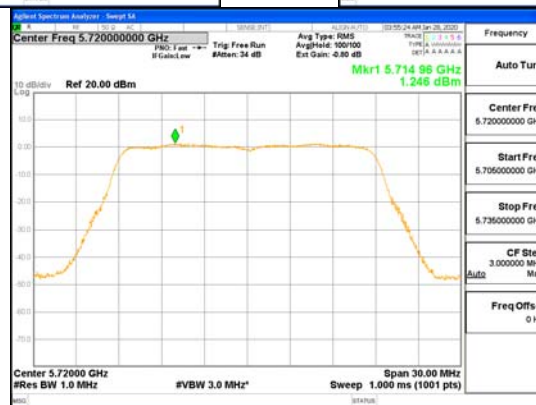
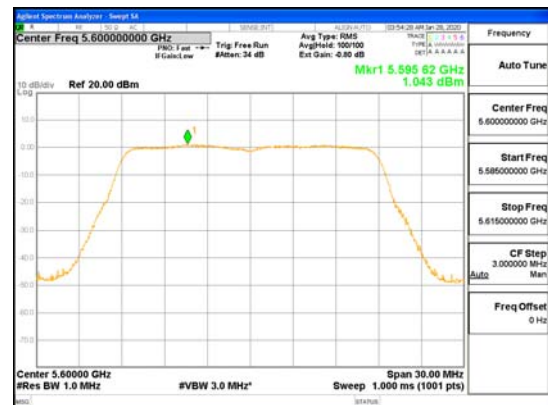
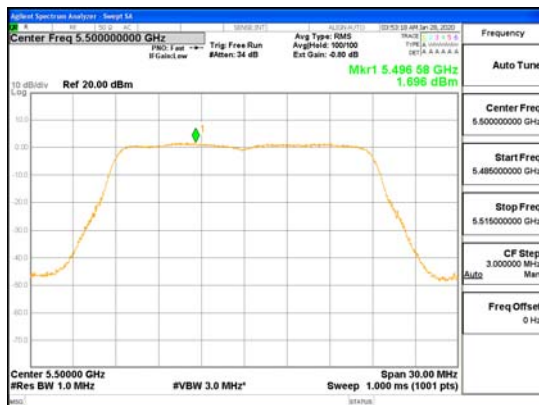
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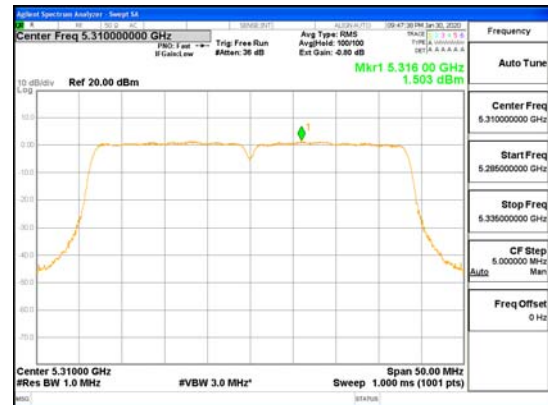
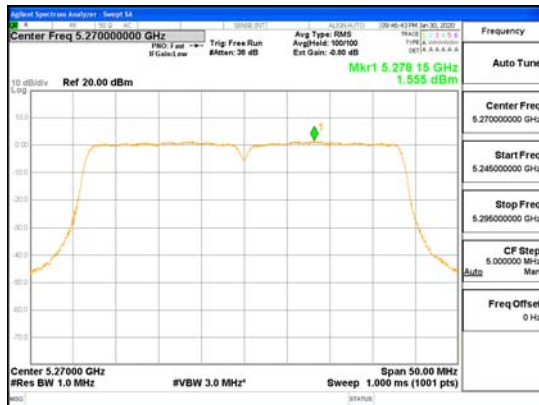
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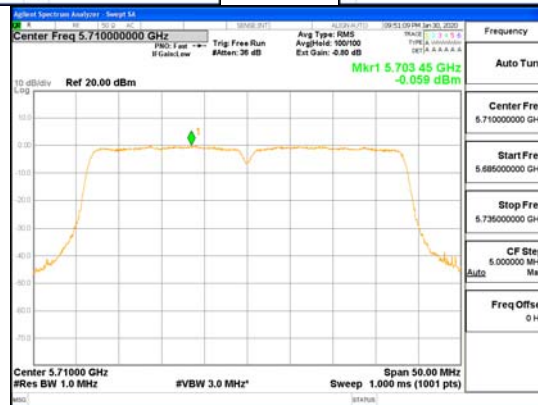
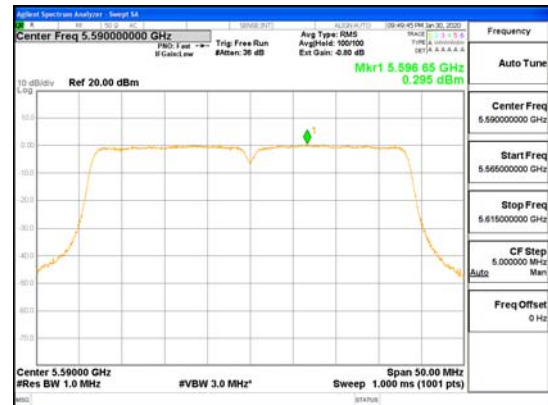
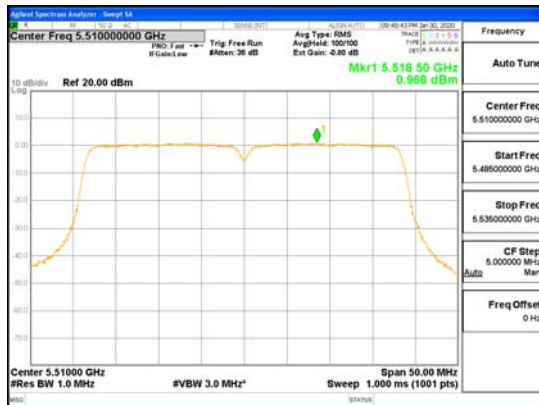
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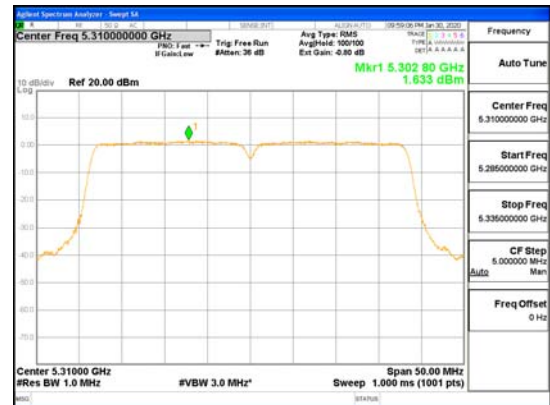
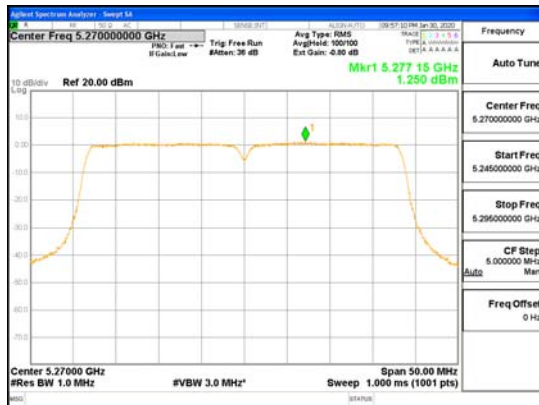
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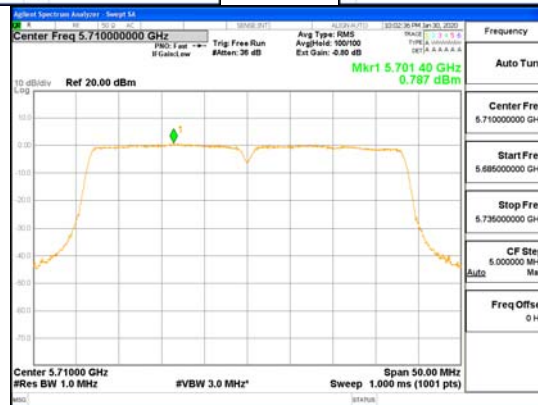
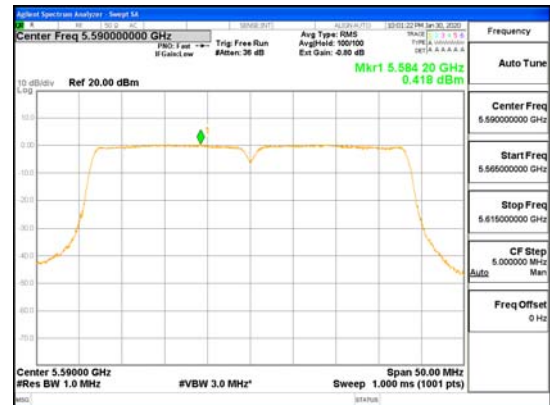
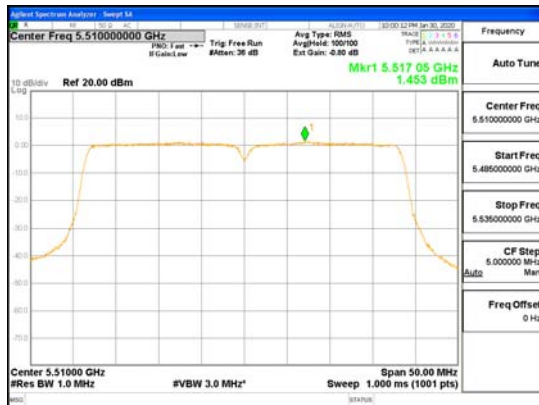
CDD Mode_ANT1_802.11n_HT40_UNII 2A



CDD Mode_ANT1_802.11n_HT40_UNII 2C



CDD Mode_ANT2_802.11n_HT40_UNII 2A



CDD Mode_ANT2_802.11n_HT40_UNII 2C