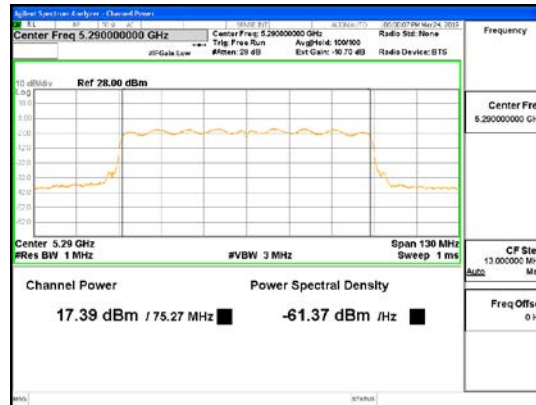
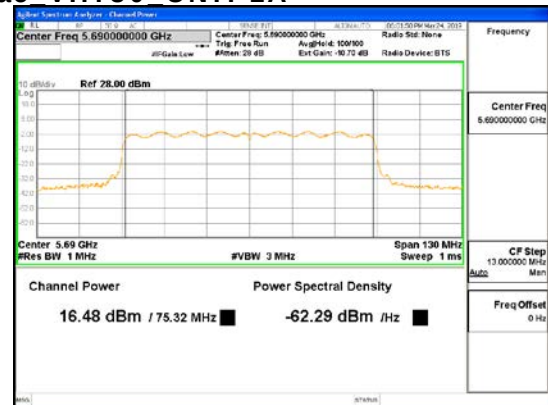
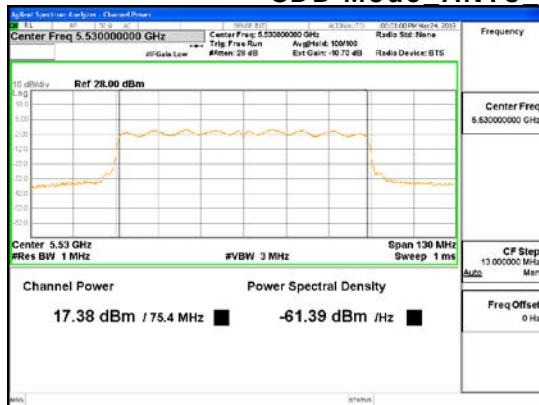
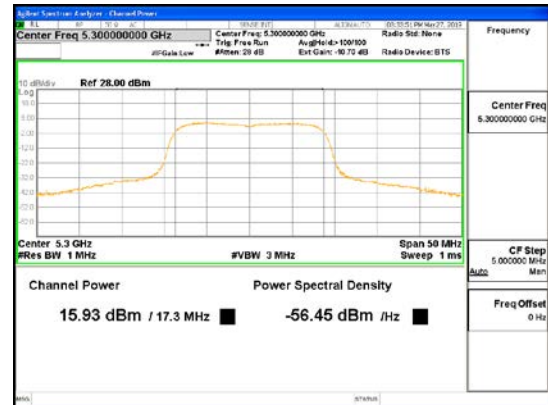
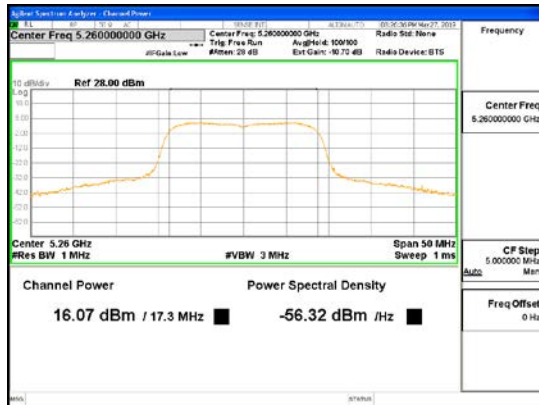




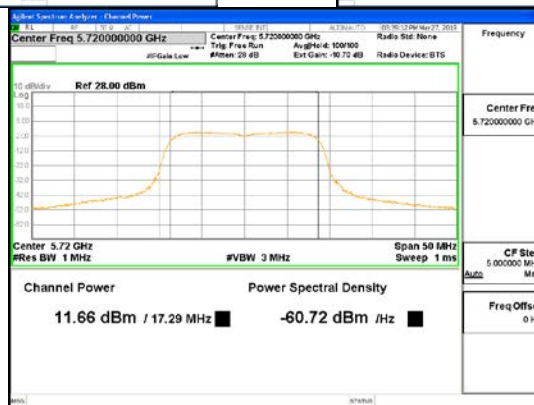
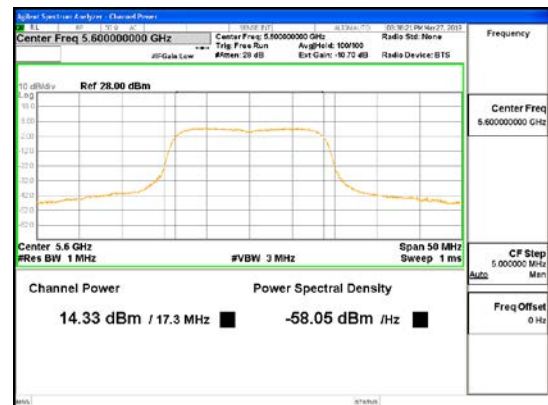
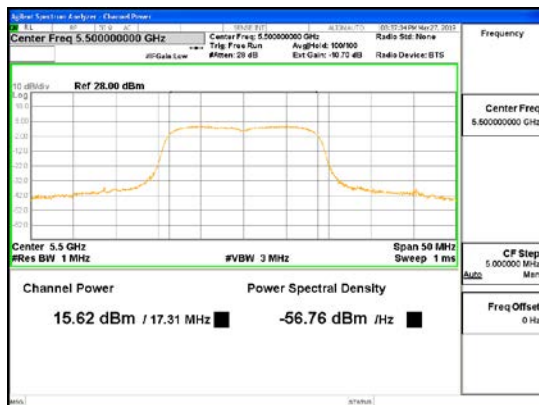
CDD Mode ANT3_802.11ac_VHT80_UNII 2A



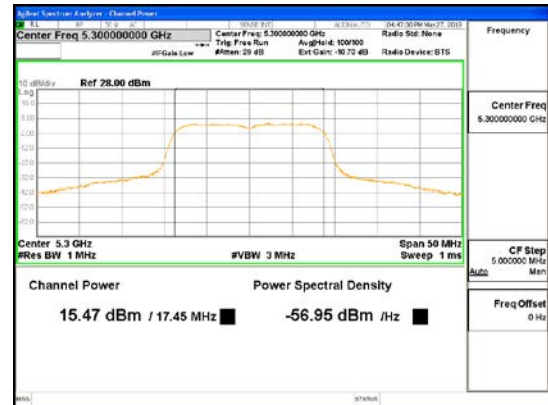
CDD Mode ANT3_802.11ac_VHT80_UNII 2C



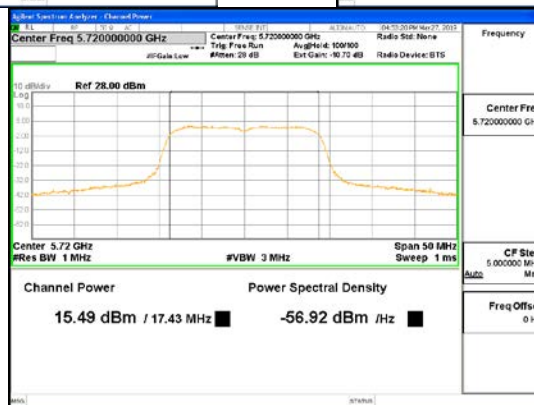
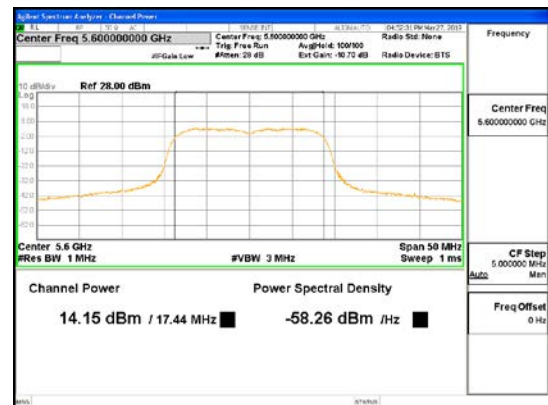
SDM Mode_ANT1_802.11n_HT20_UNII 2A



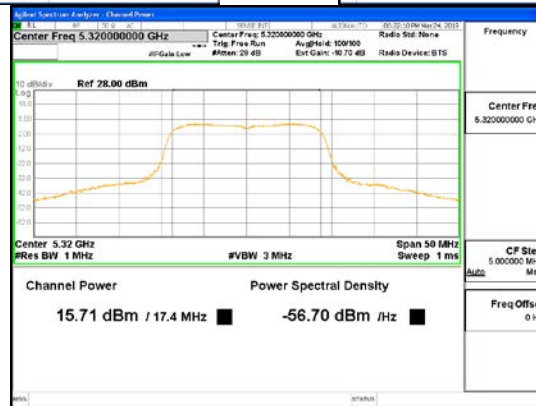
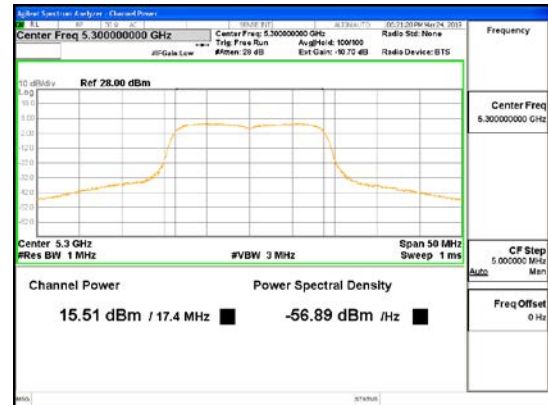
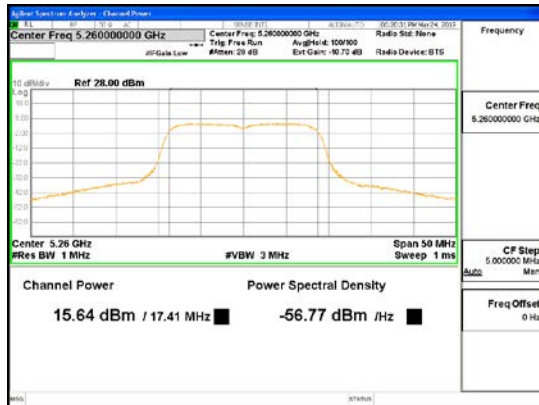
SDM Mode_ANT1_802.11n_HT20_UNII 2C



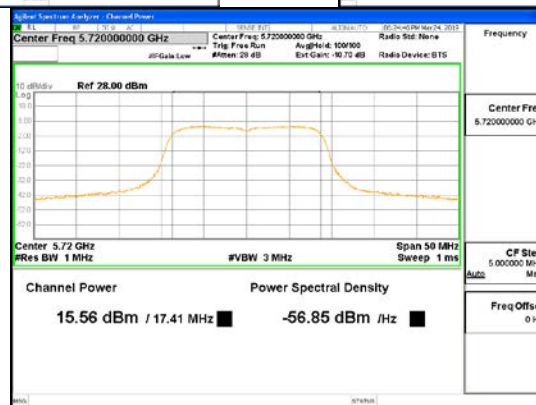
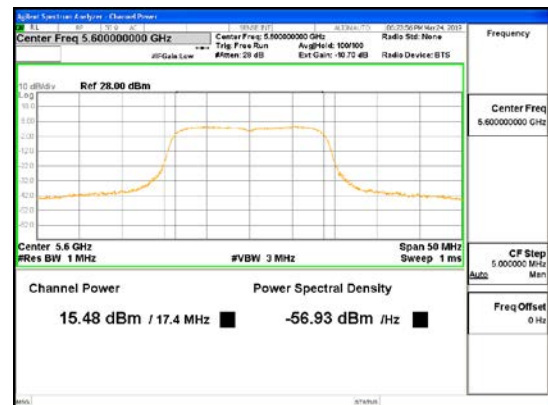
SDM Mode_ANT2_802.11n_HT20_UNII 2A



SDM Mode_ANT2_802.11n_HT20_UNII 2C



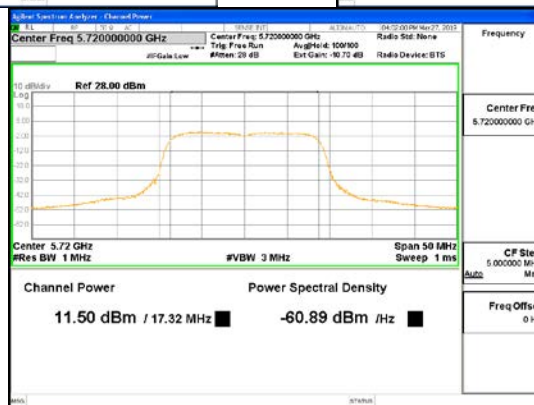
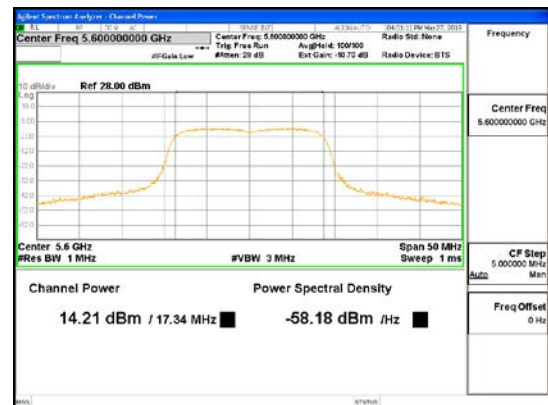
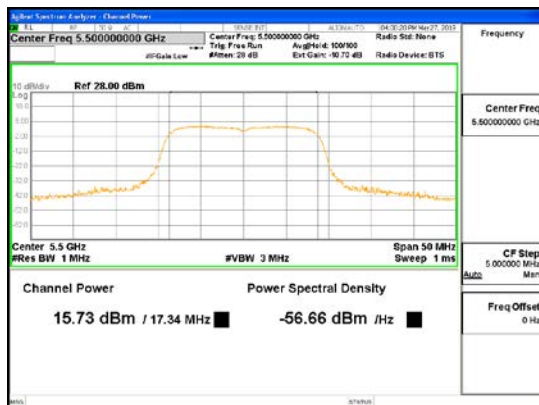
SDM Mode_ANT3_802.11n_HT20_UNII 2A



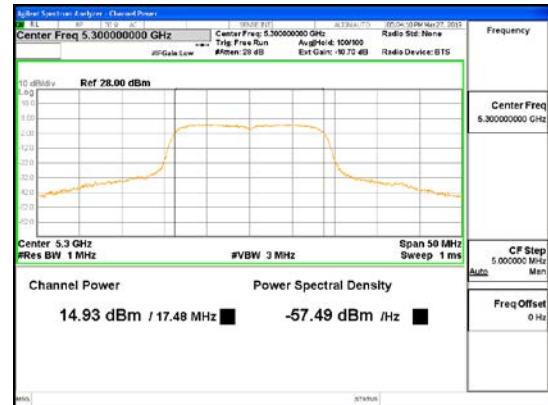
SDM Mode_ANT3_802.11n_HT20_UNII 2C



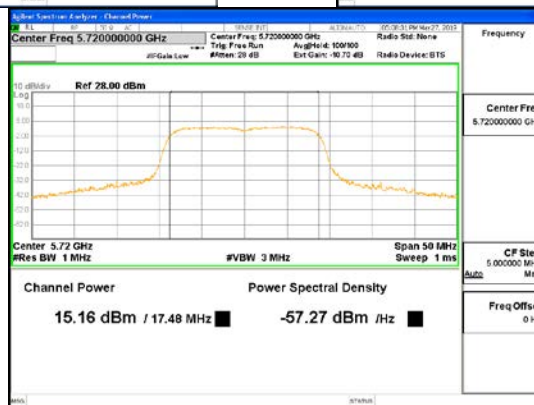
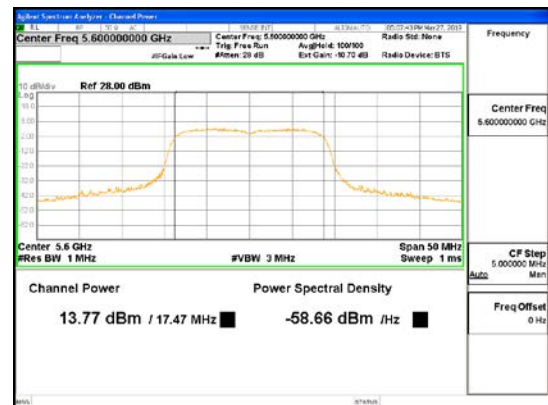
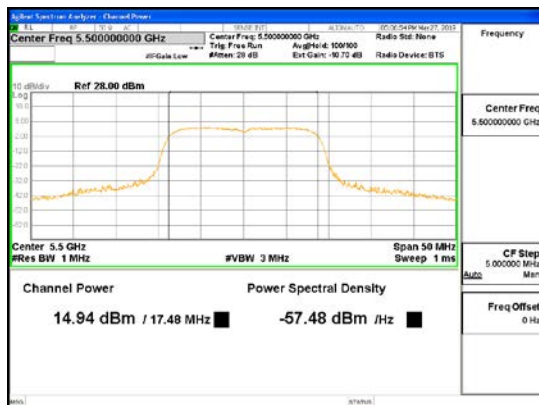
SDM Mode_ANT1_802.11ac_VHT20_UNII 2A



SDM Mode_ANT1_802.11ac_VHT20_UNII 2C



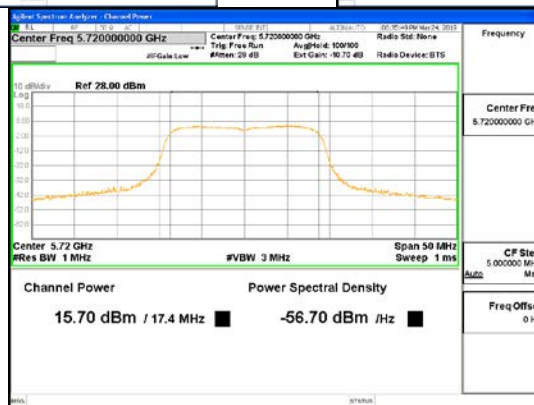
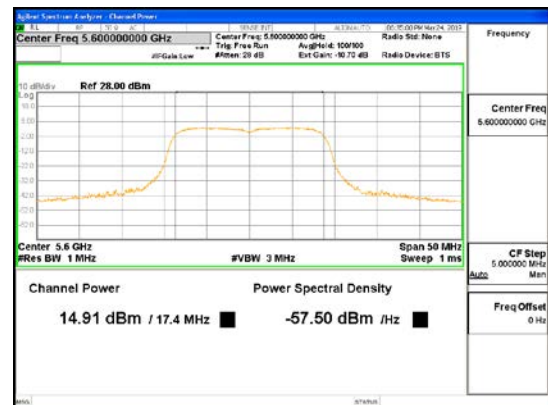
SDM Mode_ANT2_802.11ac_VHT20_UNII 2A



SDM Mode_ANT2_802.11ac_VHT20_UNII 2C



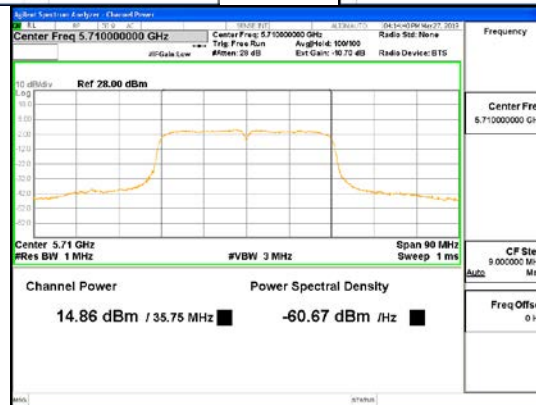
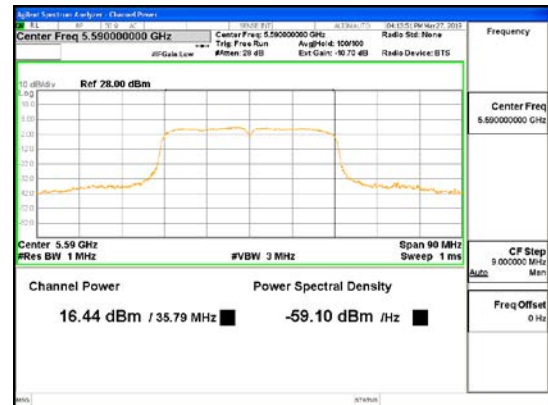
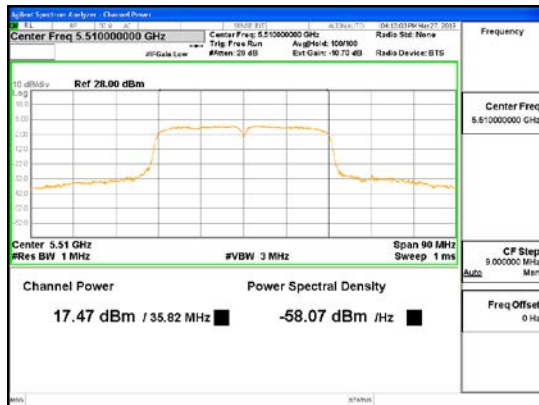
SDM Mode_ANT3_802.11ac_VHT20_UNII 2A



SDM Mode_ANT3_802.11ac_VHT20_UNII 2C



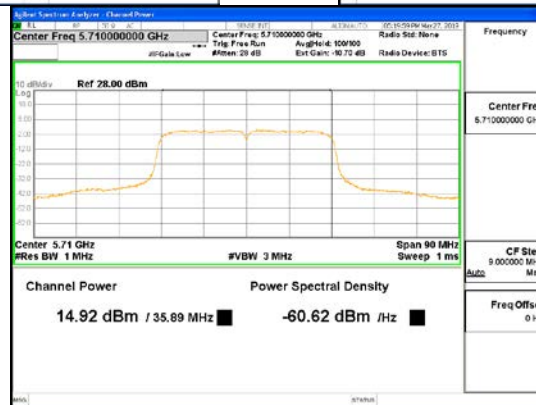
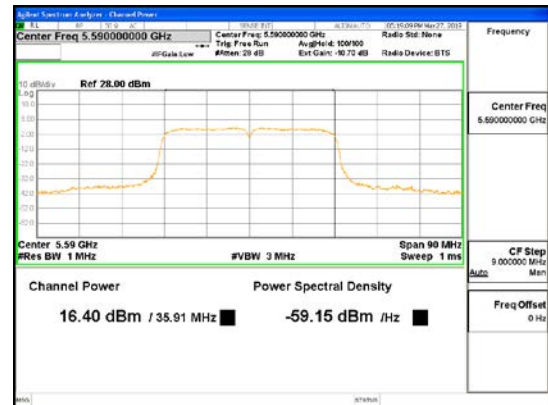
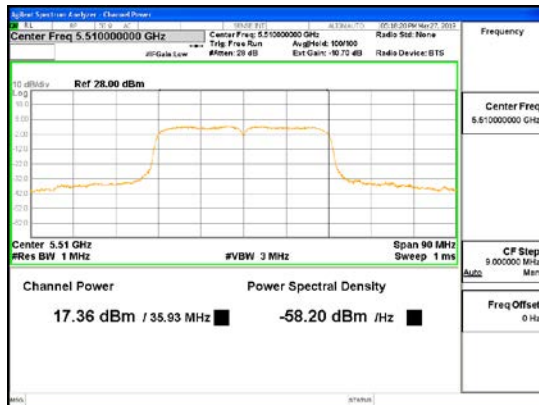
SDM Mode_ANT1_802.11n_HT40_UNII 2A



SDM Mode_ANT1_802.11n_HT40_UNII 2C



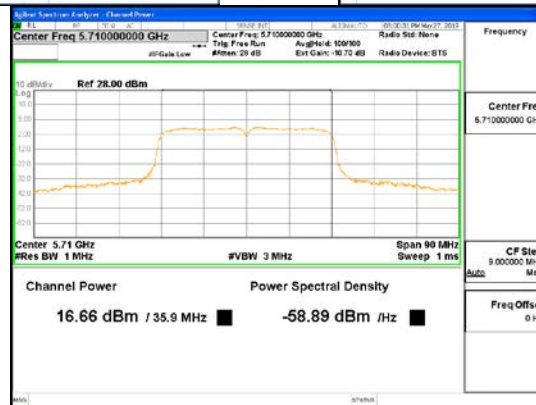
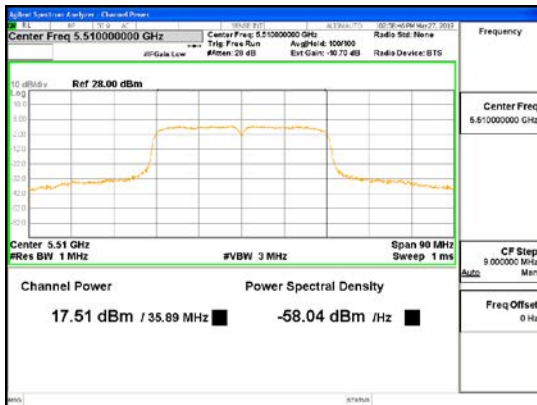
SDM Mode_ANT2_802.11n_HT40_UNII 2A



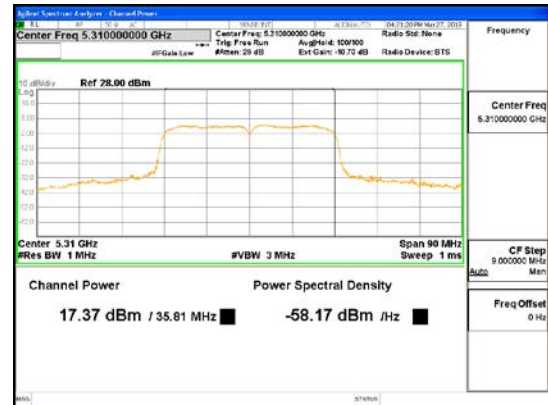
SDM Mode_ANT2_802.11n_HT40_UNII 2C



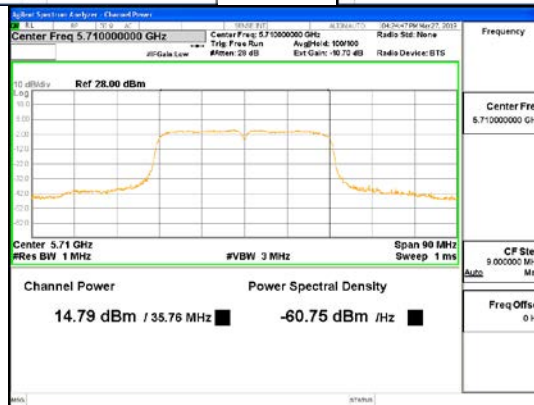
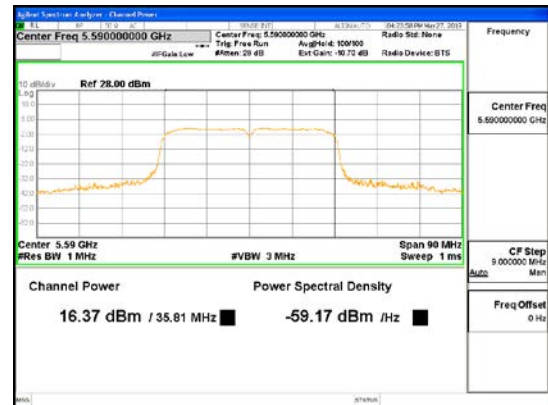
SDM Mode_ANT3_802.11n_HT40_UNII 2A



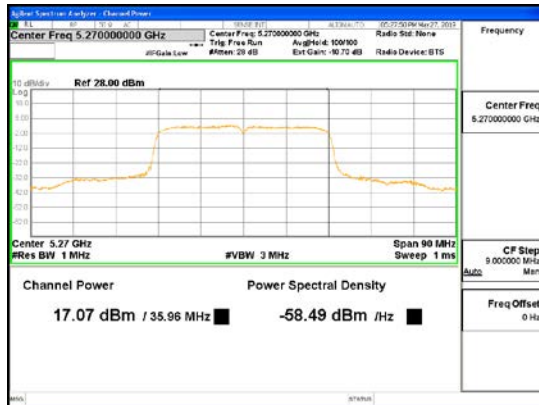
SDM Mode_ANT3_802.11n_HT40_UNII 2C



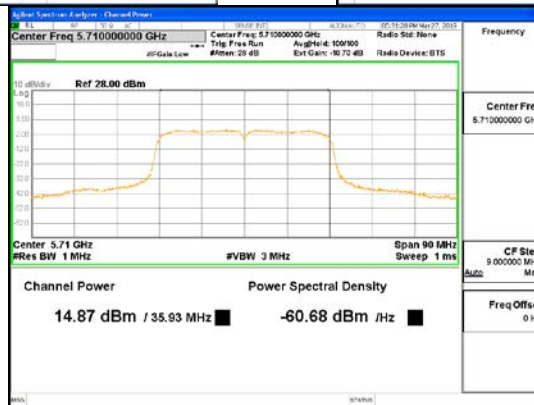
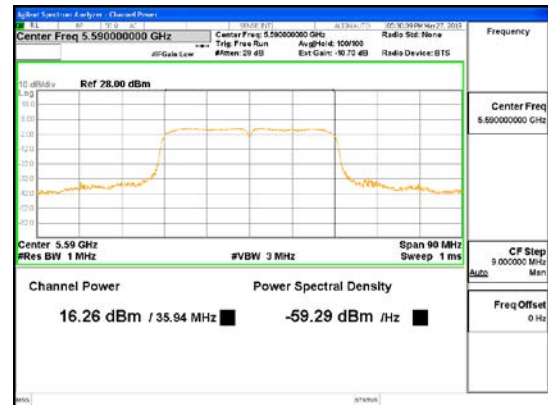
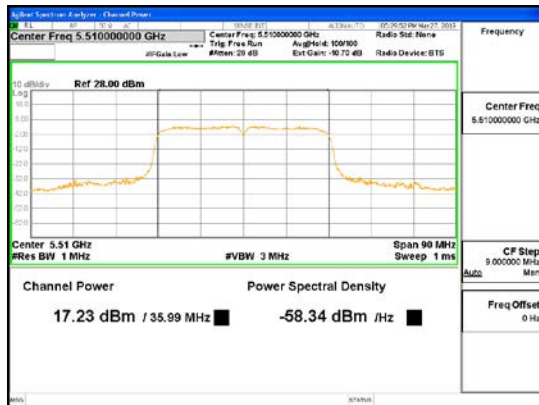
SDM Mode_ANT1_802.11ac_VHT40_UNII 2A



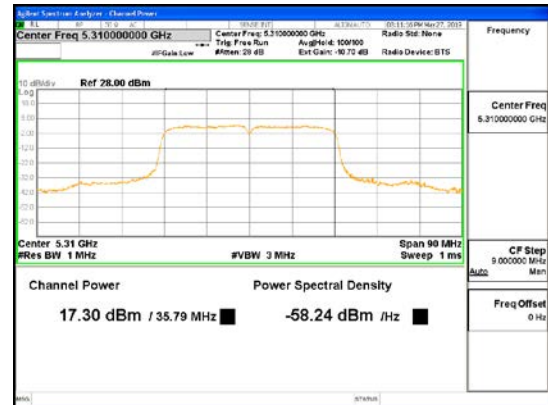
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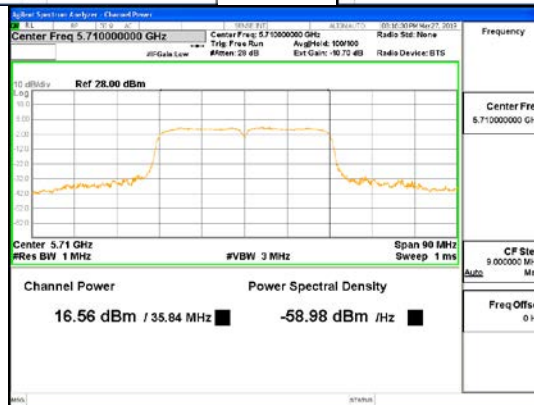
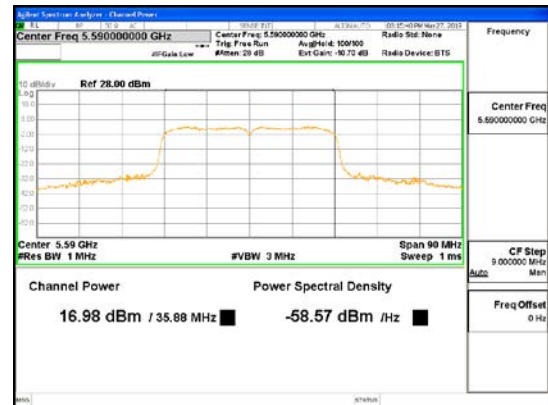
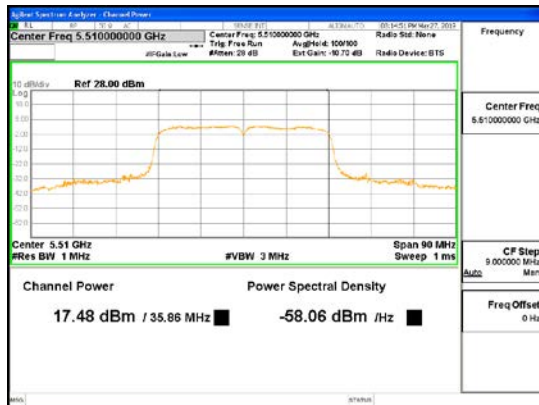
SDM Mode_ANT2_802.11ac_VHT40_UNII 2A



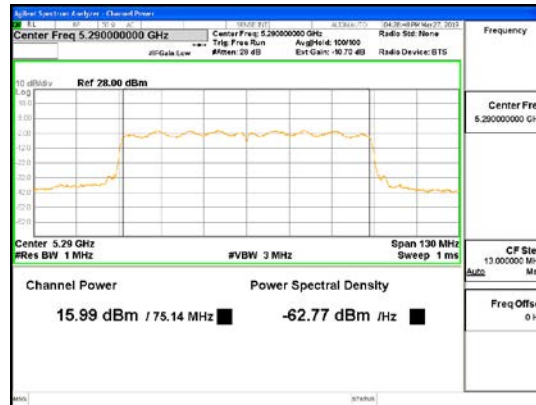
SDM Mode_ANT2_802.11ac_VHT40_UNII 2C



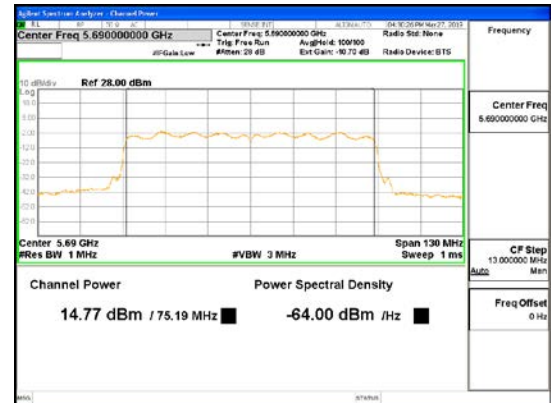
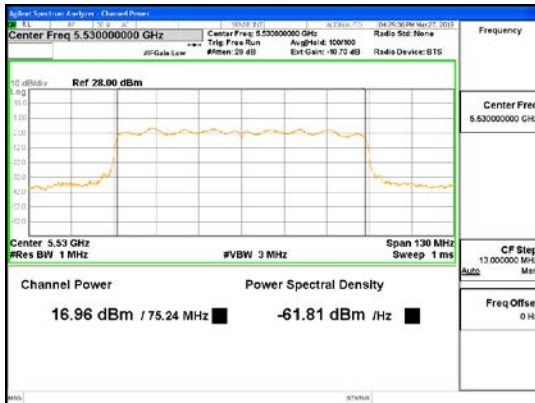
SDM Mode_ANT3_802.11ac_VHT40_UNII 2A



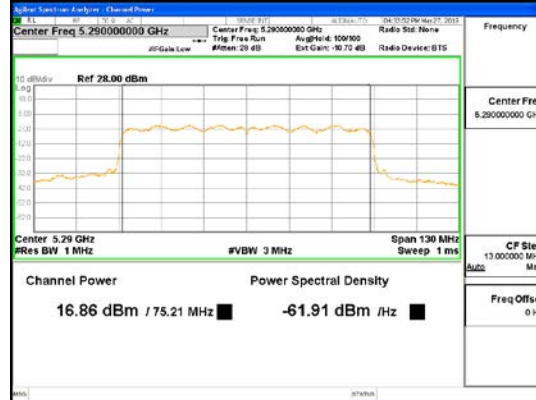
SDM Mode_ANT3_802.11ac_VHT40_UNII 2C



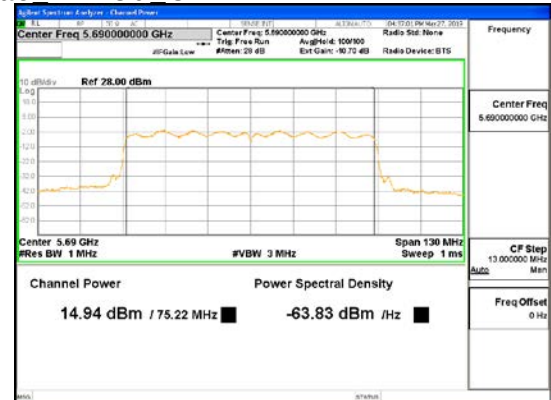
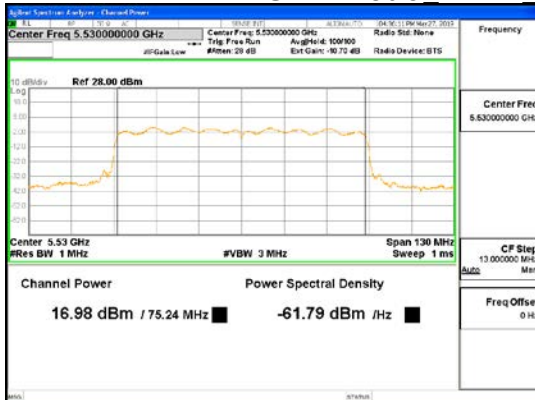
SDM Mode_ANT1_802.11ac_VHT80_UNII 2A



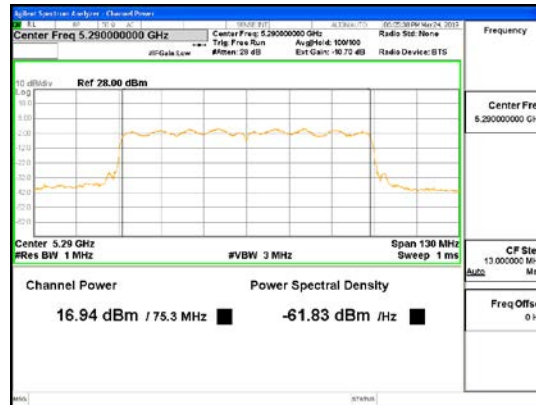
SDM Mode ANT1_802.11ac_VHT80_UNII 2C



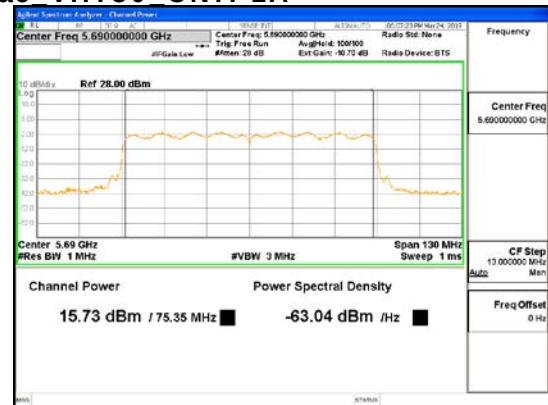
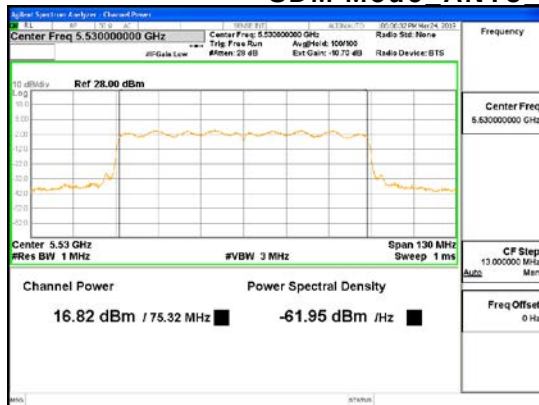
SDM Mode ANT2_802.11ac_VHT80_UNII 2A



SDM Mode_ANT2_802.11ac_VHT80_UNII 2C



SDM Mode ANT3 802.11ac VHT80 UNII 2A



SDM Mode ANT3 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	0.12
	802.11n_HT20	0.15
	802.11n_HT40	0.28
	802.11ac_VHT20	0.17
	802.11ac_VHT40	0.33
	802.11ac_VHT80	0.50
SDM Mode	802.11n_HT20	0.29
	802.11n_HT40	0.65
	802.11ac_VHT20	0.41
	802.11ac_VHT40	0.60
	802.11ac_VHT80	1.02

Limit

Operating Mode	Band	Mode	ANT Configuration	ANT Gain (dBi)	Limit (dBm)
SISO	UNII 2A	802.11a/n/ac	ANT1, ANT2, ANT3	2.00	11.00
	UNII 2C				
MIMO (2Tx)	UNII 2A	802.11a/n/ac	ANT1 + ANT2	5.01	11.00
	UNII 2C				
MIMO (3Tx)	UNII 2A	802.11a/n/ac	ANT1 + ANT2 + ANT3	6.77	10.23
	UNII 2C				

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	5 260	4.40	0.12	4.52	11.00	6.48
	5 300	4.45	0.12	4.57	11.00	6.43
	5 320	4.52	0.12	4.64	11.00	6.36
	5 500	4.25	0.12	4.37	11.00	6.63
	5 600	2.94	0.12	3.06	11.00	7.94
	5 720	-0.19	0.12	-0.07	11.00	11.07
802.11n_HT20	5 260	4.89	0.15	5.04	11.00	5.96
	5 300	4.92	0.15	5.07	11.00	5.93
	5 320	5.00	0.15	5.15	11.00	5.85
	5 500	4.65	0.15	4.80	11.00	6.20
	5 600	3.63	0.15	3.78	11.00	7.22
	5 720	0.12	0.15	0.27	11.00	10.73
802.11ac_VHT20	5 260	4.60	0.17	4.77	11.00	6.23
	5 300	4.76	0.17	4.93	11.00	6.07
	5 320	4.83	0.17	5.00	11.00	6.00
	5 500	4.34	0.17	4.51	11.00	6.49
	5 600	3.29	0.17	3.46	11.00	7.54
	5 720	0.36	0.17	0.53	11.00	10.47
802.11n_HT40	5 270	3.67	0.28	3.95	11.00	7.05
	5 310	3.68	0.28	3.96	11.00	7.04
	5 510	3.94	0.28	4.22	11.00	6.78
	5 590	2.58	0.28	2.86	11.00	8.14
	5 710	1.50	0.28	1.78	11.00	9.22
802.11ac_VHT40	5 270	3.70	0.33	4.03	11.00	6.97
	5 310	3.79	0.33	4.12	11.00	6.88
	5 510	3.89	0.33	4.22	11.00	6.78
	5 590	2.76	0.33	3.09	11.00	7.91
	5 710	1.42	0.33	1.75	11.00	9.25
802.11ac_VHT80	5 290	1.55	0.50	2.05	11.00	8.95
	5 530	1.43	0.50	1.93	11.00	9.07
	5 690	-0.93	0.50	-0.43	11.00	11.43
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	5 260	4.38	0.12	4.50	11.00	6.50
	5 300	4.34	0.12	4.46	11.00	6.54
	5 320	4.00	0.12	4.12	11.00	6.88
	5 500	4.40	0.12	4.52	11.00	6.48
	5 600	3.39	0.12	3.51	11.00	7.49
	5 720	3.53	0.12	3.65	11.00	7.35
802.11n_HT20	5 260	4.62	0.15	4.77	11.00	6.23
	5 300	4.17	0.15	4.32	11.00	6.68
	5 320	4.38	0.15	4.53	11.00	6.47
	5 500	4.42	0.15	4.57	11.00	6.43
	5 600	3.45	0.15	3.60	11.00	7.40
	5 720	3.64	0.15	3.79	11.00	7.21
802.11ac_VHT20	5 260	4.38	0.17	4.55	11.00	6.45
	5 300	3.99	0.17	4.16	11.00	6.84
	5 320	4.05	0.17	4.22	11.00	6.78
	5 500	4.28	0.17	4.45	11.00	6.55
	5 600	3.31	0.17	3.48	11.00	7.52
	5 720	3.46	0.17	3.63	11.00	7.37
802.11n_HT40	5 270	3.09	0.28	3.37	11.00	7.63
	5 310	2.67	0.28	2.95	11.00	8.05
	5 510	3.00	0.28	3.28	11.00	7.72
	5 590	2.13	0.28	2.41	11.00	8.59
	5 710	1.09	0.28	1.37	11.00	9.63
802.11ac_VHT40	5 270	3.01	0.33	3.34	11.00	7.66
	5 310	2.86	0.33	3.19	11.00	7.81
	5 510	3.01	0.33	3.34	11.00	7.66
	5 590	2.05	0.33	2.38	11.00	8.62
	5 710	0.93	0.33	1.26	11.00	9.74
802.11ac_VHT80	5 290	0.70	0.50	1.20	11.00	9.80
	5 530	0.76	0.50	1.26	11.00	9.74
	5 690	-0.96	0.50	-0.46	11.00	11.46
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	5 260	3.98	0.12	4.10	11.00	6.90
	5 300	3.85	0.12	3.97	11.00	7.03
	5 320	3.93	0.12	4.05	11.00	6.95
	5 500	3.86	0.12	3.98	11.00	7.02
	5 600	3.29	0.12	3.41	11.00	7.59
	5 720	3.45	0.12	3.57	11.00	7.43
802.11n_HT20	5 260	4.10	0.15	4.25	11.00	6.75
	5 300	3.85	0.15	4.00	11.00	7.00
	5 320	4.08	0.15	4.23	11.00	6.77
	5 500	4.49	0.15	4.64	11.00	6.36
	5 600	4.09	0.15	4.24	11.00	6.76
	5 720	4.30	0.15	4.45	11.00	6.55
802.11ac_VHT20	5 260	4.09	0.17	4.26	11.00	6.74
	5 300	4.03	0.17	4.20	11.00	6.80
	5 320	3.96	0.17	4.13	11.00	6.87
	5 500	4.90	0.17	5.07	11.00	5.93
	5 600	4.26	0.17	4.43	11.00	6.57
	5 720	4.52	0.17	4.69	11.00	6.31
802.11n_HT40	5 270	3.64	0.28	3.92	11.00	7.08
	5 310	3.44	0.28	3.72	11.00	7.28
	5 510	3.55	0.28	3.83	11.00	7.17
	5 590	3.15	0.28	3.43	11.00	7.57
	5 710	2.63	0.28	2.91	11.00	8.09
802.11ac_VHT40	5 270	3.89	0.33	4.22	11.00	6.78
	5 310	3.61	0.33	3.94	11.00	7.06
	5 510	3.96	0.33	4.29	11.00	6.71
	5 590	3.04	0.33	3.37	11.00	7.63
	5 710	2.81	0.33	3.14	11.00	7.86
802.11ac_VHT80	5 290	1.25	0.50	1.75	11.00	9.25
	5 530	1.02	0.50	1.52	11.00	9.48
	5 690	0.28	0.50	0.78	11.00	10.22
Measurement uncertainty		± 1.5 dB				

CDD Mode_ANT1+ANT2

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Output Power (dBm)	Limit (dBm)	Margin (dB)
802.11a	5 260	7.40	0.12	7.52	11.00	3.48
	5 300	7.41	0.12	7.53	11.00	3.47
	5 320	7.28	0.12	7.40	11.00	3.60
	5 500	7.34	0.12	7.46	11.00	3.54
	5 600	6.18	0.12	6.30	11.00	4.70
	5 720	5.07	0.12	5.19	11.00	5.81
802.11n_HT20	5 260	7.77	0.15	7.92	11.00	3.08
	5 300	7.57	0.15	7.72	11.00	3.28
	5 320	7.71	0.15	7.86	11.00	3.14
	5 500	7.55	0.15	7.70	11.00	3.30
	5 600	6.55	0.15	6.70	11.00	4.30
	5 720	5.24	0.15	5.39	11.00	5.61
802.11ac_VHT20	5 260	7.50	0.17	7.67	11.00	3.33
	5 300	7.40	0.17	7.57	11.00	3.43
	5 320	7.47	0.17	7.64	11.00	3.36
	5 500	7.32	0.17	7.49	11.00	3.51
	5 600	6.31	0.17	6.48	11.00	4.52
	5 720	5.19	0.17	5.36	11.00	5.64
802.11n_HT40	5 270	6.40	0.28	6.68	11.00	4.32
	5 310	6.21	0.28	6.49	11.00	4.51
	5 510	6.51	0.28	6.79	11.00	4.21
	5 590	5.37	0.28	5.65	11.00	5.35
	5 710	4.31	0.28	4.59	11.00	6.41
802.11ac_VHT40	5 270	6.38	0.33	6.71	11.00	4.29
	5 310	6.36	0.33	6.69	11.00	4.31
	5 510	6.48	0.33	6.81	11.00	4.19
	5 590	5.43	0.33	5.76	11.00	5.24
	5 710	4.19	0.33	4.52	11.00	6.48
802.11ac_VHT80	5 290	4.16	0.50	4.66	11.00	6.34
	5 530	4.12	0.50	4.62	11.00	6.38
	5 690	2.07	0.50	2.57	11.00	8.43
Measurement uncertainty		± 1.5 dB				

CDD Mode_ANT1+ANT2+ANT3

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Output Power (dBm)	Limit (dBm)	Margin (dB)
802.11a	5 260	9.03	0.12	9.15	10.23	1.08
	5 300	8.99	0.12	9.11	10.23	1.12
	5 320	8.93	0.12	9.05	10.23	1.18
	5 500	8.95	0.12	9.07	10.23	1.16
	5 600	7.98	0.12	8.10	10.23	2.13
	5 720	7.34	0.12	7.46	10.23	2.77
802.11n_HT20	5 260	9.32	0.15	9.47	10.23	0.76
	5 300	9.11	0.15	9.26	10.23	0.97
	5 320	9.27	0.15	9.42	10.23	0.81
	5 500	9.29	0.15	9.44	10.23	0.79
	5 600	8.50	0.15	8.65	10.23	1.58
	5 720	7.80	0.15	7.95	10.23	2.28
802.11ac_VHT20	5 260	9.13	0.17	9.30	10.23	0.93
	5 300	9.05	0.17	9.22	10.23	1.01
	5 320	9.07	0.17	9.24	10.23	0.99
	5 500	9.29	0.17	9.46	10.23	0.77
	5 600	8.42	0.17	8.59	10.23	1.64
	5 720	7.88	0.17	8.05	10.23	2.18
802.11n_HT40	5 270	8.25	0.28	8.53	10.23	1.70
	5 310	8.06	0.28	8.34	10.23	1.89
	5 510	8.28	0.28	8.56	10.23	1.67
	5 590	7.41	0.28	7.69	10.23	2.54
	5 710	6.56	0.28	6.84	10.23	3.39
802.11ac_VHT40	5 270	8.32	0.33	8.65	10.23	1.58
	5 310	8.21	0.33	8.54	10.23	1.69
	5 510	8.41	0.33	8.74	10.23	1.49
	5 590	7.41	0.33	7.74	10.23	2.49
	5 710	6.57	0.33	6.90	10.23	3.33
802.11ac_VHT80	5 290	5.95	0.50	6.45	10.23	3.78
	5 530	5.85	0.50	6.35	10.23	3.88
	5 690	4.27	0.50	4.77	10.23	5.46
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	5 260	4.90	0.29	5.19	11.00	5.81
	5 300	4.97	0.29	5.26	11.00	5.74
	5 320	4.99	0.29	5.28	11.00	5.72
	5 500	4.85	0.29	5.14	11.00	5.86
	5 600	3.52	0.29	3.81	11.00	7.19
	5 720	0.82	0.29	1.11	11.00	9.89
802.11ac_VHT20	5 260	5.00	0.41	5.41	11.00	5.59
	5 300	4.91	0.41	5.32	11.00	5.68
	5 320	5.03	0.41	5.44	11.00	5.56
	5 500	4.69	0.41	5.10	11.00	5.90
	5 600	3.63	0.41	4.04	11.00	6.96
	5 720	1.00	0.41	1.41	11.00	9.59
802.11n_HT40	5 270	3.29	0.65	3.94	11.00	7.06
	5 310	3.66	0.65	4.31	11.00	6.69
	5 510	3.86	0.65	4.51	11.00	6.49
	5 590	2.50	0.65	3.15	11.00	7.85
	5 710	1.19	0.65	1.84	11.00	9.16
802.11ac_VHT40	5 270	3.68	0.60	4.28	11.00	6.72
	5 310	3.49	0.60	4.09	11.00	6.91
	5 510	3.53	0.60	4.13	11.00	6.87
	5 590	2.71	0.60	3.31	11.00	7.69
	5 710	1.12	0.60	1.72	11.00	9.28
802.11ac_VHT80	5 290	0.15	1.02	1.17	11.00	9.83
	5 530	1.09	1.02	2.11	11.00	8.89
	5 690	-0.94	1.02	0.08	11.00	10.92
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	5 260	4.90	0.29	5.19	11.00	5.81
	5 300	4.74	0.29	5.03	11.00	5.97
	5 320	4.54	0.29	4.83	11.00	6.17
	5 500	4.58	0.29	4.87	11.00	6.13
	5 600	3.34	0.29	3.63	11.00	7.37
	5 720	4.61	0.29	4.90	11.00	6.10
802.11ac_VHT20	5 260	4.43	0.41	4.84	11.00	6.16
	5 300	4.22	0.41	4.63	11.00	6.37
	5 320	4.09	0.41	4.50	11.00	6.50
	5 500	4.37	0.41	4.78	11.00	6.22
	5 600	2.89	0.41	3.30	11.00	7.70
	5 720	4.58	0.41	4.99	11.00	6.01
802.11n_HT40	5 270	3.33	0.65	3.98	11.00	7.02
	5 310	3.06	0.65	3.71	11.00	7.29
	5 510	3.60	0.65	4.25	11.00	6.75
	5 590	2.64	0.65	3.29	11.00	7.71
	5 710	1.26	0.65	1.91	11.00	9.09
802.11ac_VHT40	5 270	3.31	0.60	3.91	11.00	7.09
	5 310	3.14	0.60	3.74	11.00	7.26
	5 510	3.58	0.60	4.18	11.00	6.82
	5 590	2.40	0.60	3.00	11.00	8.00
	5 710	1.25	0.60	1.85	11.00	9.15
802.11ac_VHT80	5 290	1.13	1.02	2.15	11.00	8.85
	5 530	1.53	1.02	2.55	11.00	8.45
	5 690	-0.68	1.02	0.34	11.00	10.66
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	5 260	4.75	0.29	5.04	11.00	5.96
	5 300	4.53	0.29	4.82	11.00	6.18
	5 320	4.94	0.29	5.23	11.00	5.77
	5 500	5.17	0.29	5.46	11.00	5.54
	5 600	4.55	0.29	4.84	11.00	6.16
	5 720	4.73	0.29	5.02	11.00	5.98
802.11ac_VHT20	5 260	4.63	0.41	5.04	11.00	5.96
	5 300	4.39	0.41	4.80	11.00	6.20
	5 320	4.65	0.41	5.06	11.00	5.94
	5 500	4.65	0.41	5.06	11.00	5.94
	5 600	4.2	0.41	4.61	11.00	6.39
	5 720	4.71	0.41	5.12	11.00	5.88
802.11n_HT40	5 270	3.51	0.65	4.16	11.00	6.84
	5 310	3.7	0.65	4.35	11.00	6.65
	5 510	3.82	0.65	4.47	11.00	6.53
	5 590	3.01	0.65	3.66	11.00	7.34
	5 710	2.86	0.65	3.51	11.00	7.49
802.11ac_VHT40	5 270	3.74	0.60	4.34	11.00	6.66
	5 310	3.2	0.60	3.80	11.00	7.20
	5 510	3.69	0.60	4.29	11.00	6.71
	5 590	2.99	0.60	3.59	11.00	7.41
	5 710	2.88	0.60	3.48	11.00	7.52
802.11ac_VHT80	5 290	0.87	1.02	1.89	11.00	9.11
	5 530	0.82	1.02	1.84	11.00	9.16
	5 690	0.12	1.02	1.14	11.00	9.86
Measurement uncertainty		± 1.5 dB				

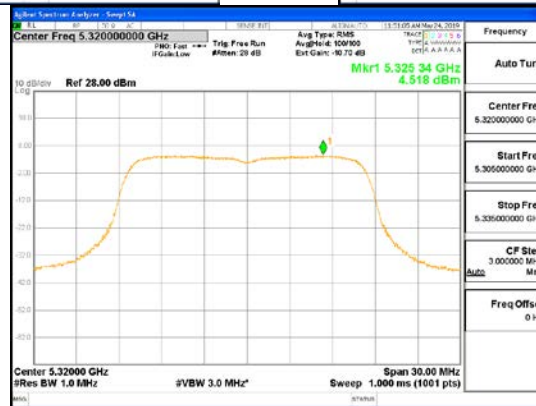
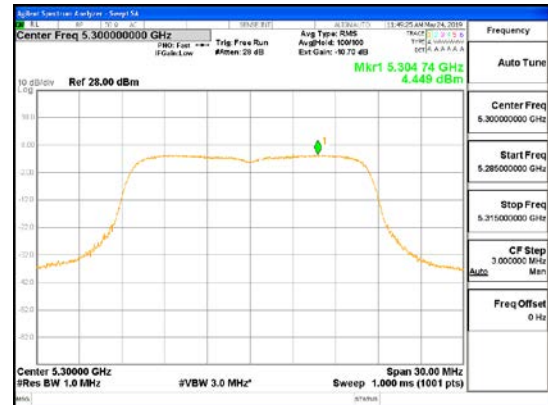
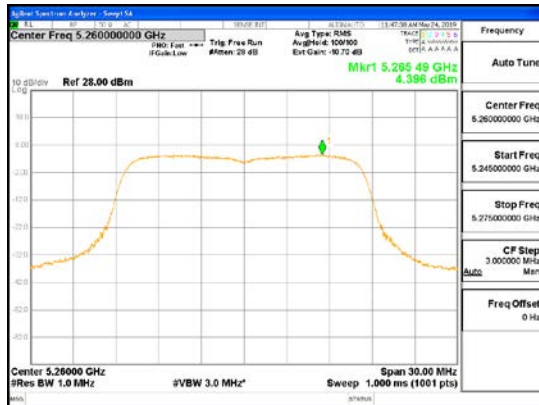
SDM Mode_ANT1+ANT2

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Output Power (dBm)	Limit (dBm)	Margin (dB)
802.11n_HT20	5 260	7.91	0.29	8.20	11.00	2.80
	5 300	7.87	0.29	8.16	11.00	2.84
	5 320	7.78	0.29	8.07	11.00	2.93
	5 500	7.73	0.29	8.02	11.00	2.98
	5 600	6.44	0.29	6.73	11.00	4.27
	5 720	6.13	0.29	6.42	11.00	4.58
802.11ac_VHT20	5 260	7.73	0.41	8.14	11.00	2.86
	5 300	7.59	0.41	8.00	11.00	3.00
	5 320	7.60	0.41	8.01	11.00	2.99
	5 500	7.54	0.41	7.95	11.00	3.05
	5 600	6.29	0.41	6.70	11.00	4.30
	5 720	6.16	0.41	6.57	11.00	4.43
802.11n_HT40	5 270	6.32	0.65	6.97	11.00	4.03
	5 310	6.38	0.65	7.03	11.00	3.97
	5 510	6.74	0.65	7.39	11.00	3.61
	5 590	5.58	0.65	6.23	11.00	4.77
	5 710	4.24	0.65	4.89	11.00	6.11
802.11ac_VHT40	5 270	6.51	0.60	7.11	11.00	3.89
	5 310	6.33	0.60	6.93	11.00	4.07
	5 510	6.57	0.60	7.17	11.00	3.83
	5 590	5.57	0.60	6.17	11.00	4.83
	5 710	4.20	0.60	4.80	11.00	6.20
802.11ac_VHT80	5 290	3.68	1.02	4.70	11.00	6.30
	5 530	4.33	1.02	5.35	11.00	5.65
	5 690	2.20	1.02	3.22	11.00	7.78
Measurement uncertainty		± 1.5 dB				

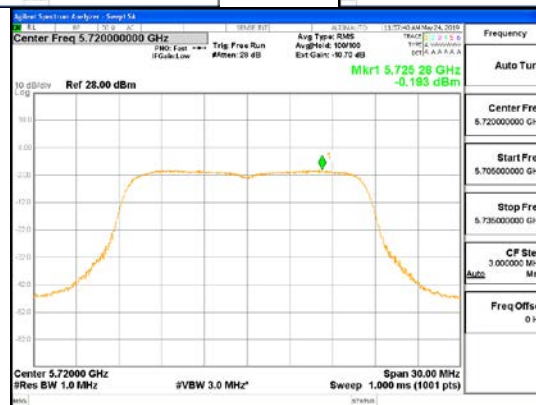
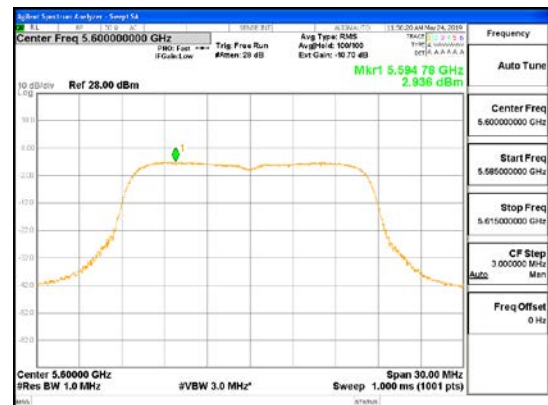
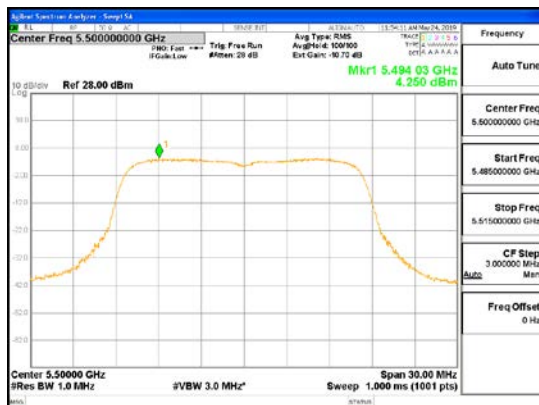
SDM Mode_ANT1+ANT2+ANT3

Test Mode	Frequency (MHz)	Measured Power Density (dBm)	Duty cycle Factor (dB)	Result Output Power (dBm)	Limit (dBm)	Margin (dB)
802.11n_HT20	5 260	9.62	0.29	9.91	10.23	0.32
	5 300	9.52	0.29	9.81	10.23	0.42
	5 320	9.60	0.29	9.89	10.23	0.34
	5 500	9.64	0.29	9.93	10.23	0.30
	5 600	8.61	0.29	8.90	10.23	1.33
	5 720	8.49	0.29	8.78	10.23	1.45
802.11ac_VHT20	5 260	9.46	0.41	9.87	10.23	0.36
	5 300	9.29	0.41	9.70	10.23	0.53
	5 320	9.38	0.41	9.79	10.23	0.44
	5 500	9.34	0.41	9.75	10.23	0.48
	5 600	8.38	0.41	8.79	10.23	1.44
	5 720	8.51	0.41	8.92	10.23	1.31
802.11n_HT40	5 270	8.15	0.65	8.80	10.23	1.43
	5 310	8.25	0.65	8.90	10.23	1.33
	5 510	8.53	0.65	9.18	10.23	1.05
	5 590	7.49	0.65	8.14	10.23	2.09
	5 710	6.61	0.65	7.26	10.23	2.97
802.11ac_VHT40	5 270	8.35	0.60	8.95	10.23	1.28
	5 310	8.05	0.60	8.65	10.23	1.58
	5 510	8.37	0.60	8.97	10.23	1.26
	5 590	7.48	0.60	8.08	10.23	2.15
	5 710	6.60	0.60	7.20	10.23	3.03
802.11ac_VHT80	5 290	5.51	1.02	6.53	10.23	3.70
	5 530	5.93	1.02	6.95	10.23	3.28
	5 690	4.30	1.02	5.32	10.23	4.91
Measurement uncertainty		± 1.5 dB				

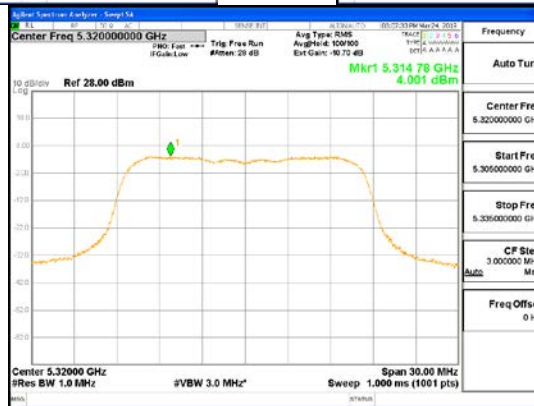
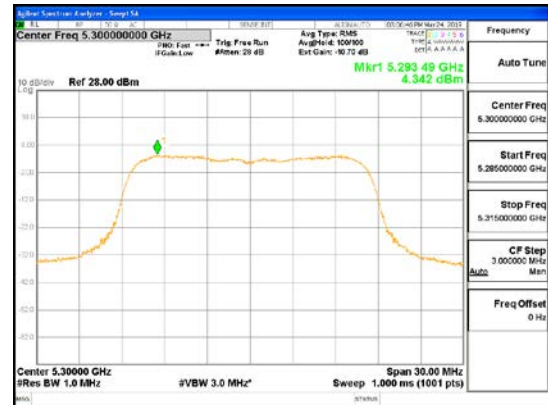
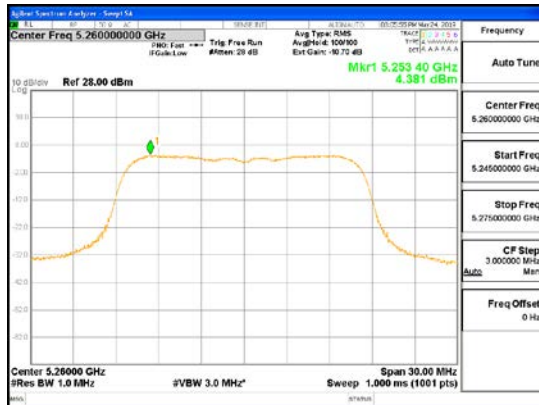
See next pages for actual measured spectrum plots.



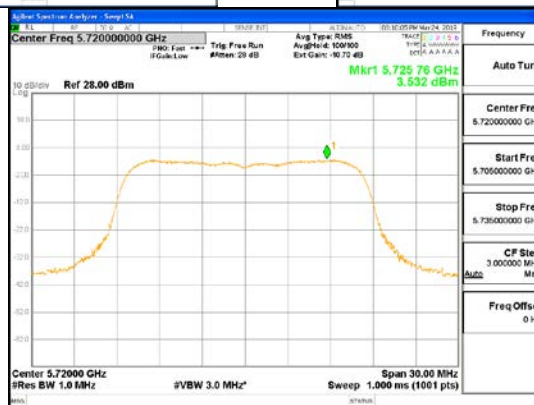
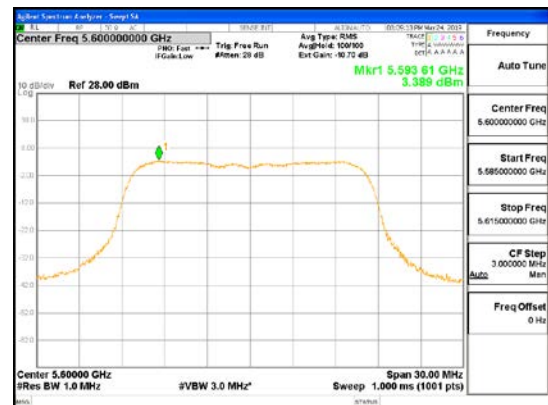
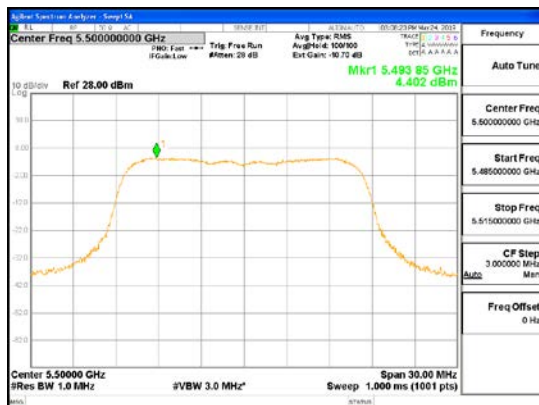
CDD Mode_ANT1_802.11a_UNII 2A



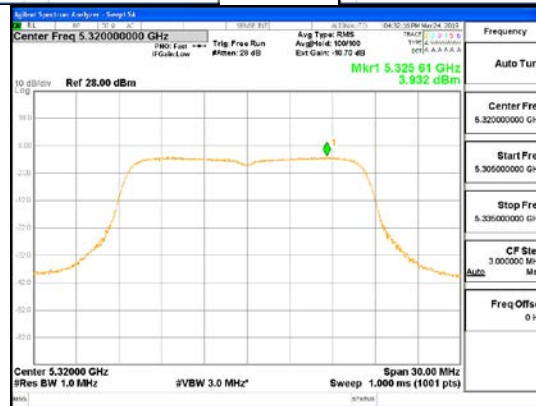
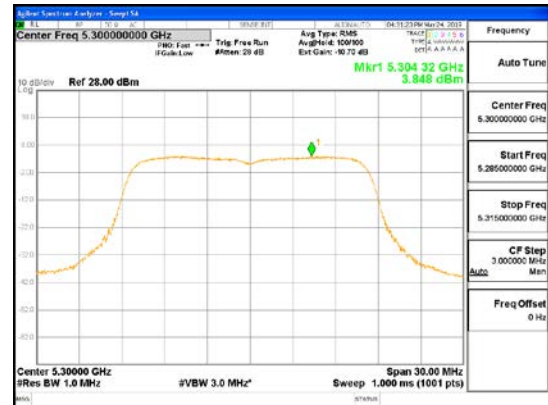
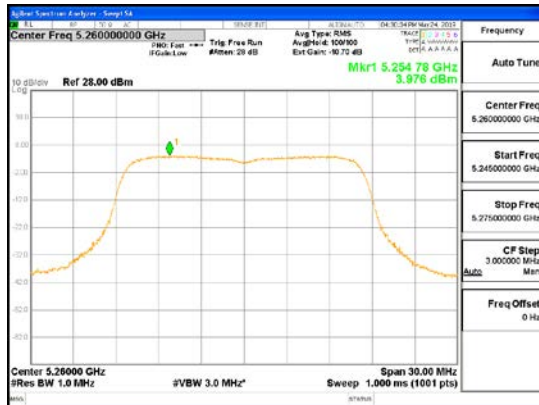
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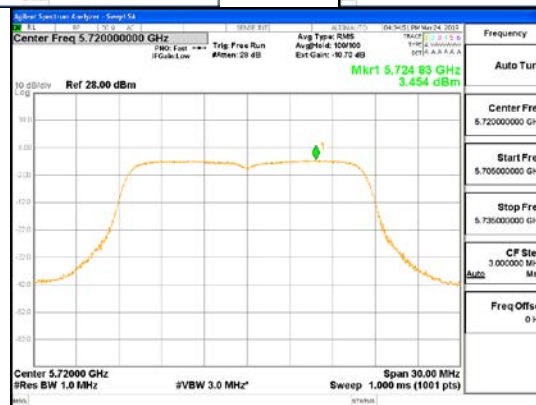
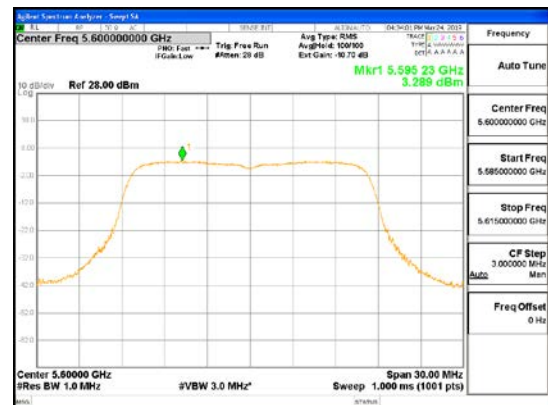
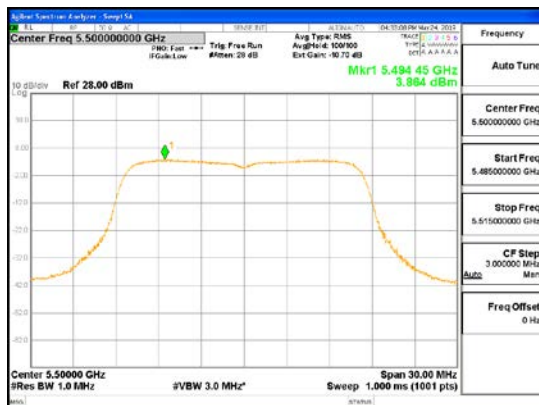
CDD Mode_ANT2_802.11a_UNII 2A



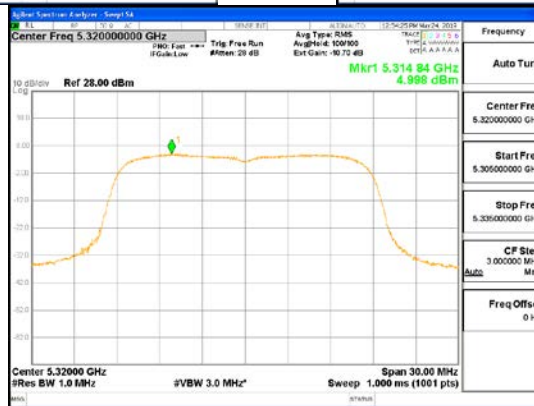
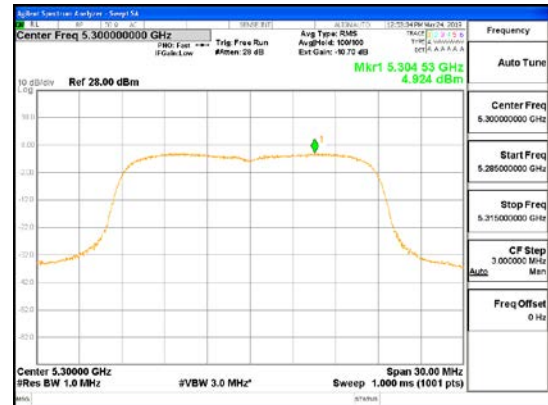
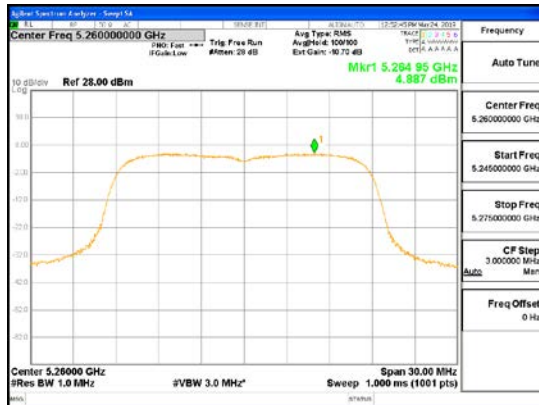
CDD Mode_ANT2_802.11a_UNII 2C



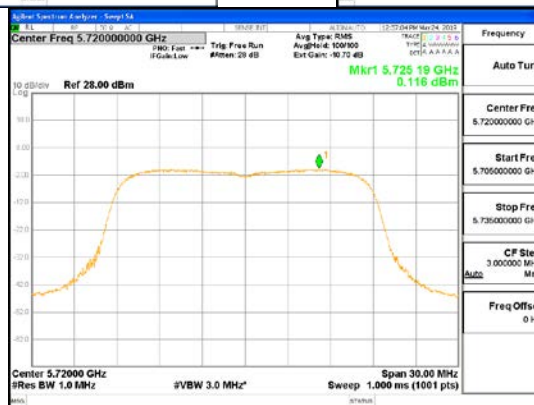
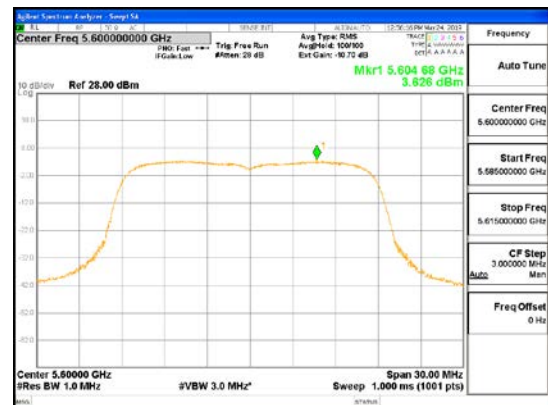
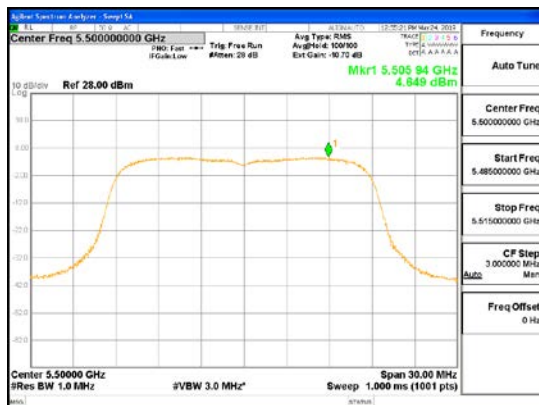
CDD Mode_ANT3_802.11a_UNII 2A



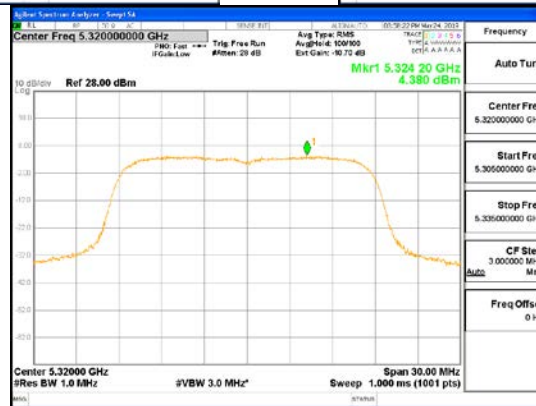
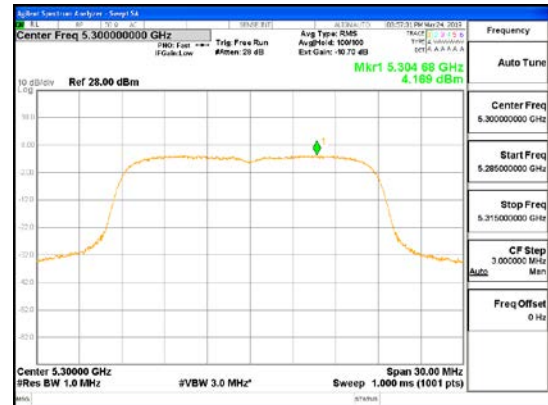
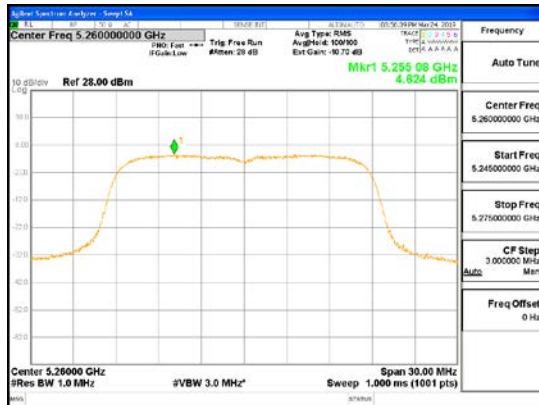
CDD Mode_ANT3_802.11a_UNII 2C



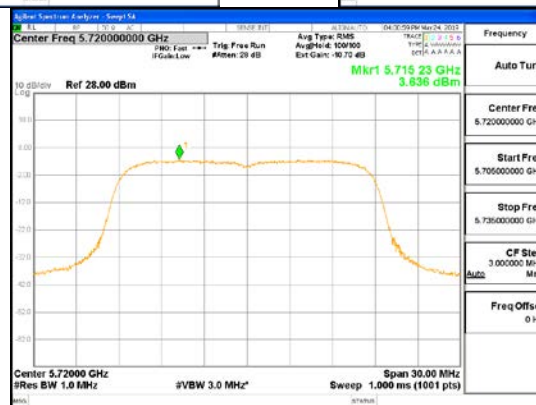
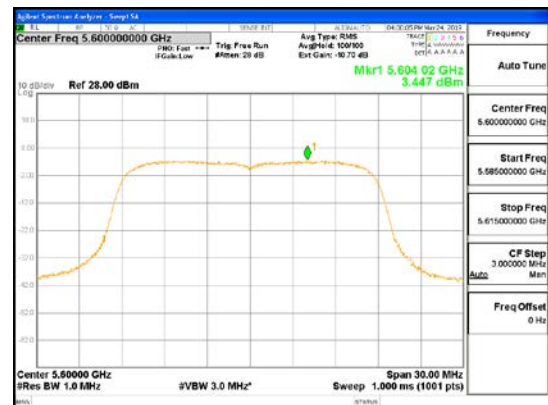
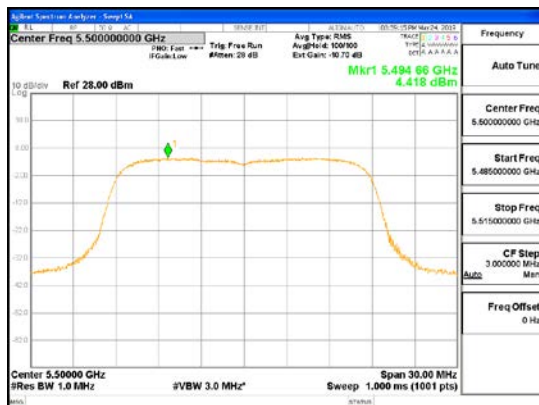
CDD Mode_ANT1_802.11n_HT20_UNII 2A



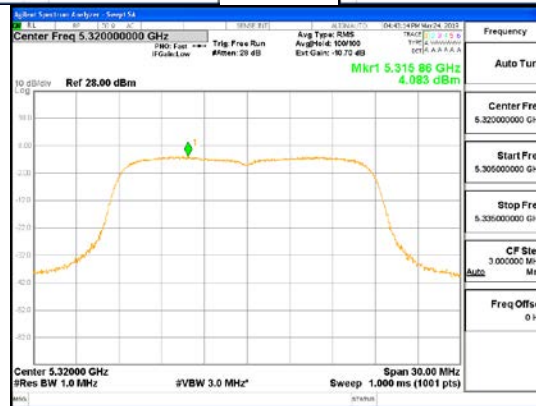
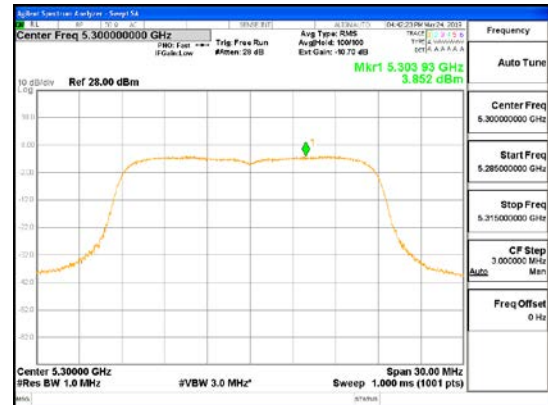
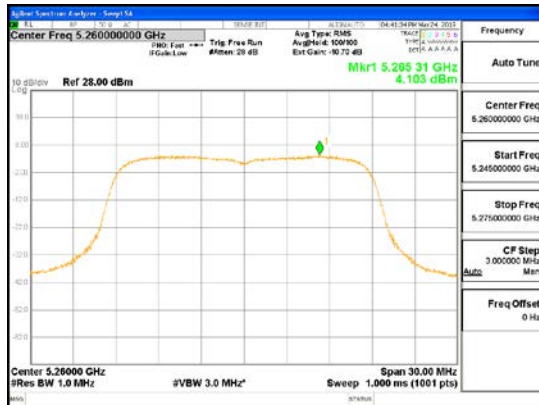
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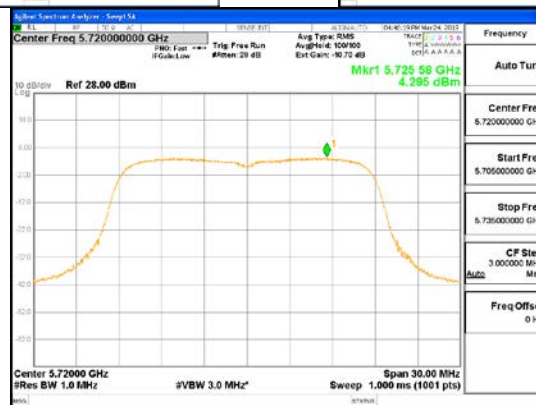
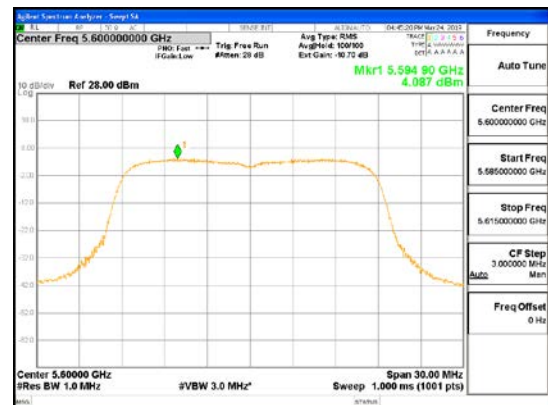
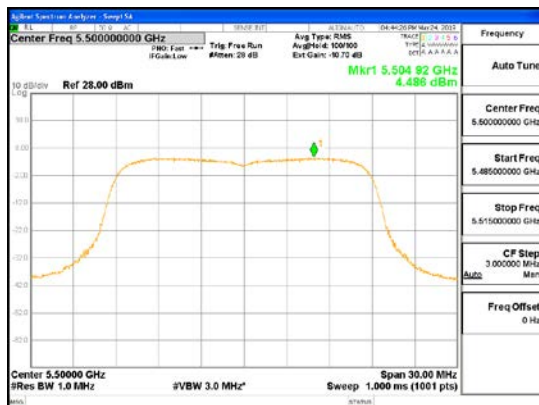
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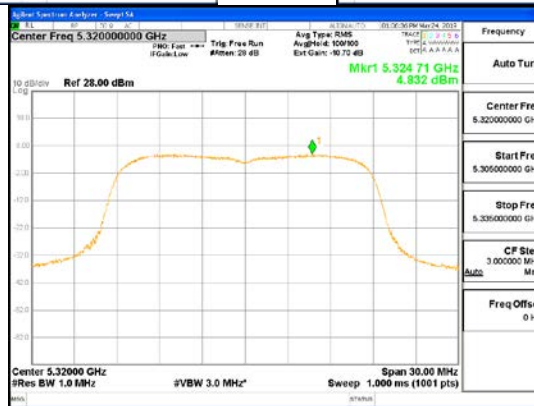
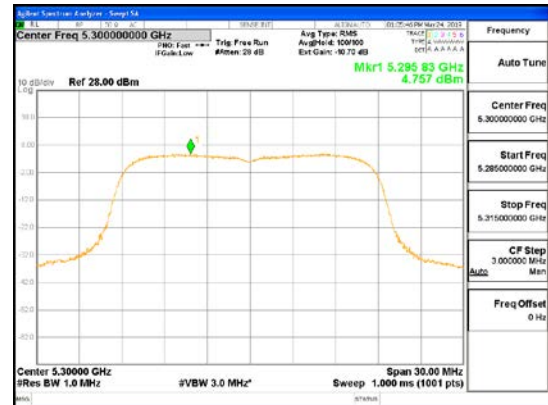
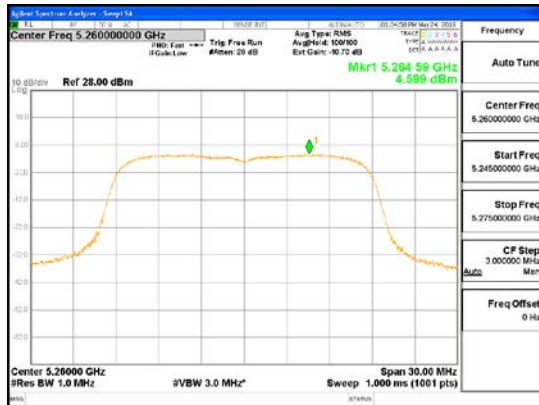
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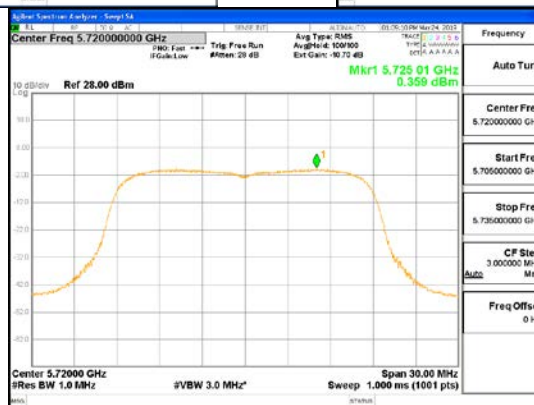
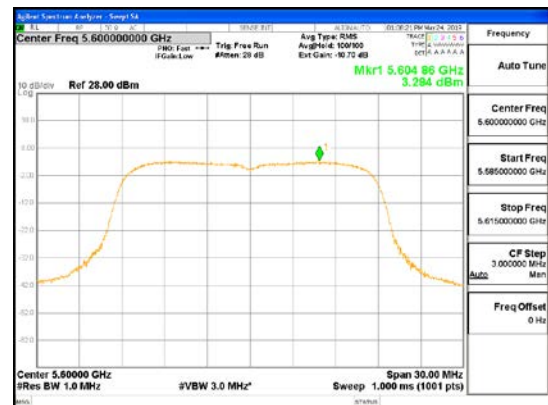
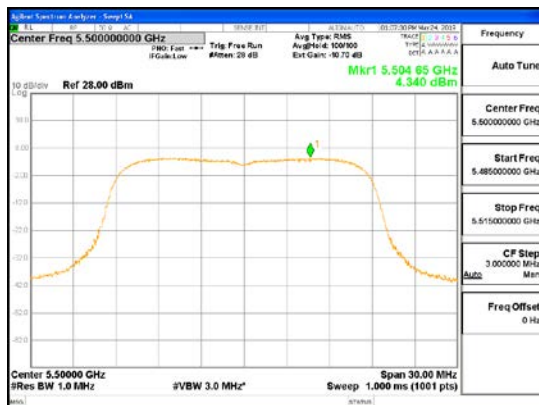
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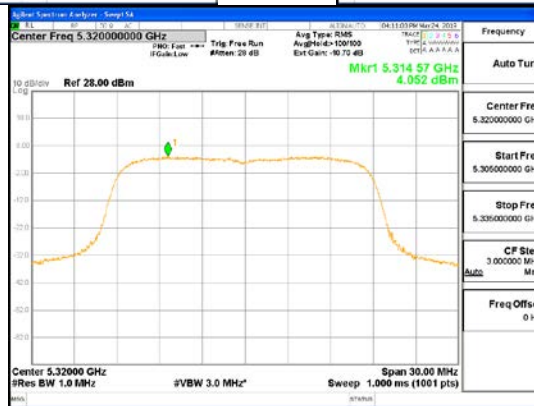
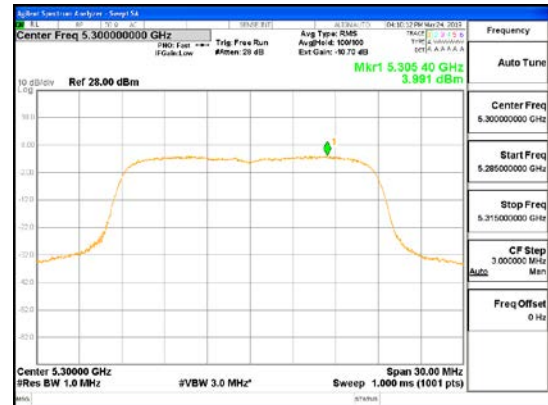
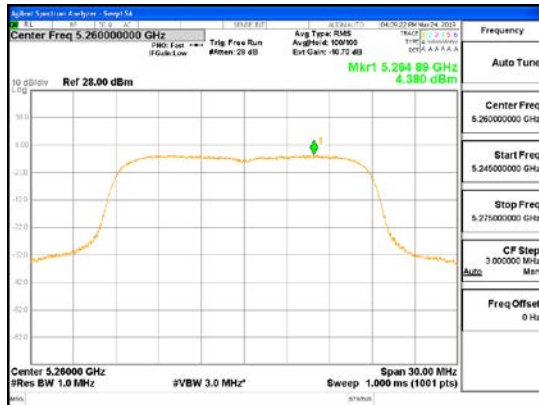
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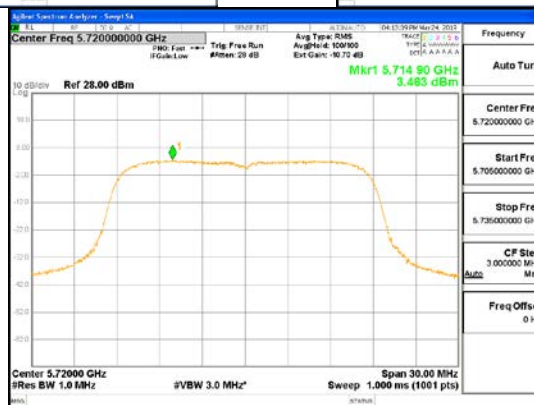
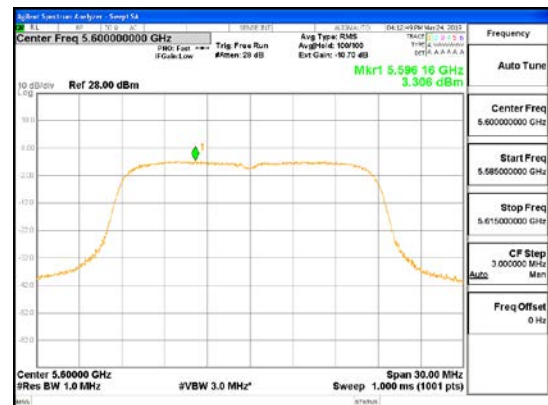
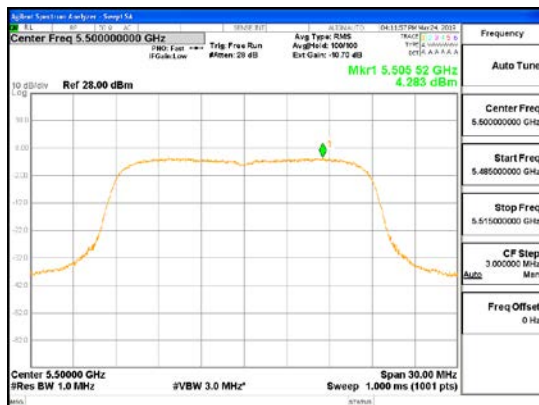
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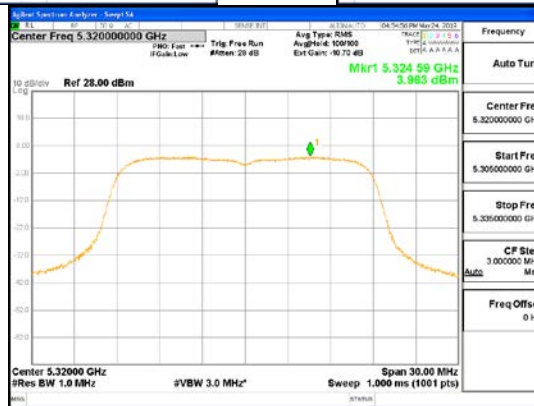
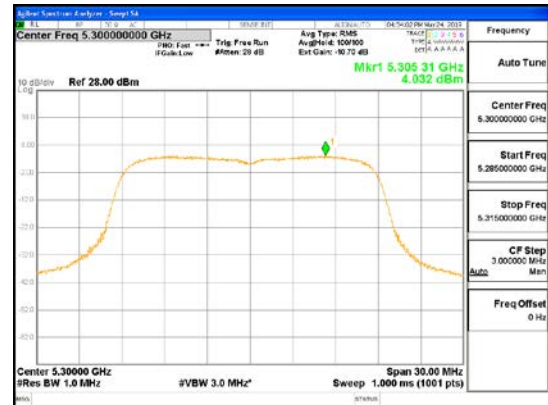
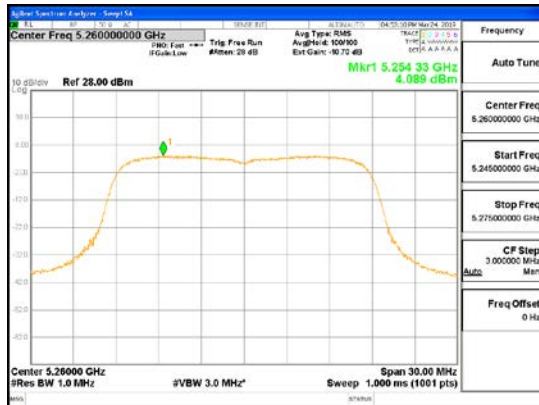
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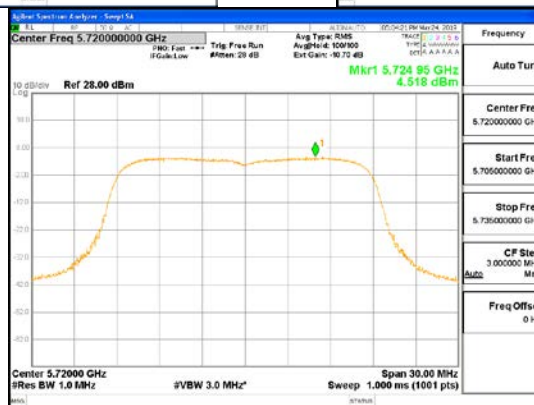
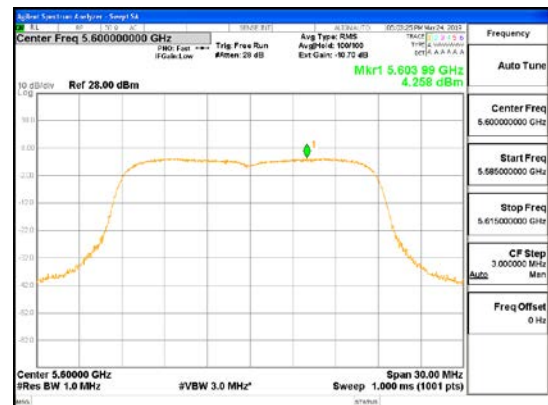
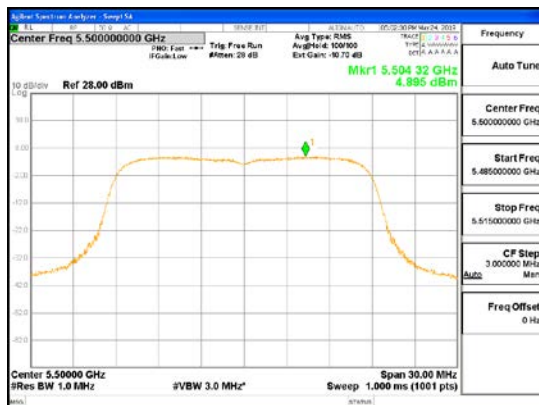
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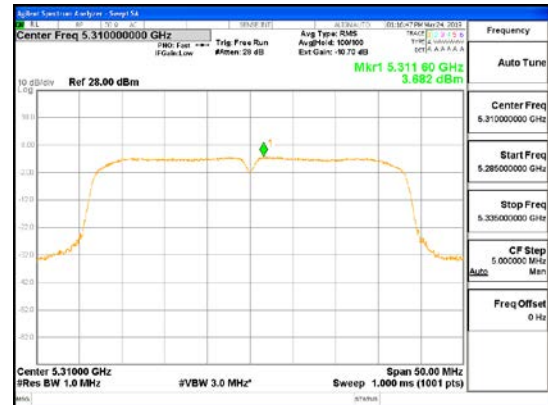
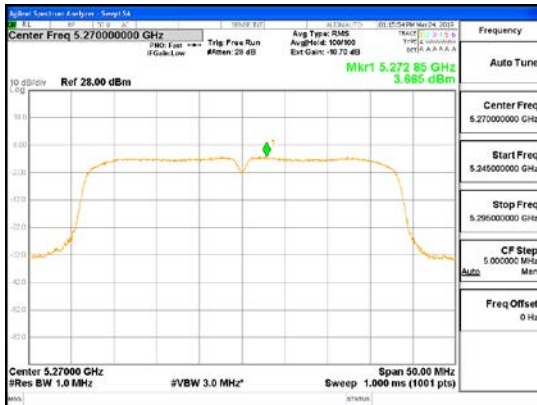
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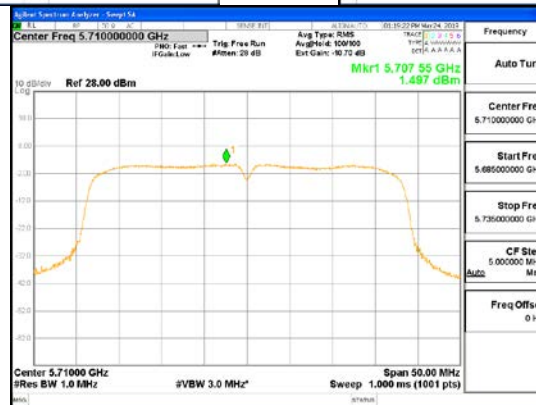
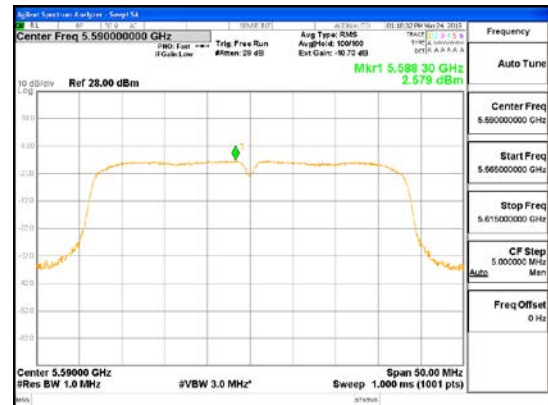
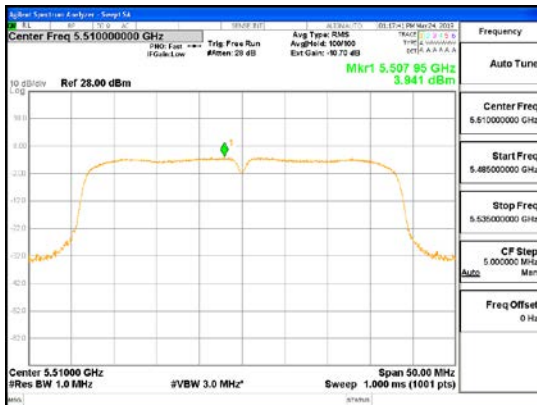
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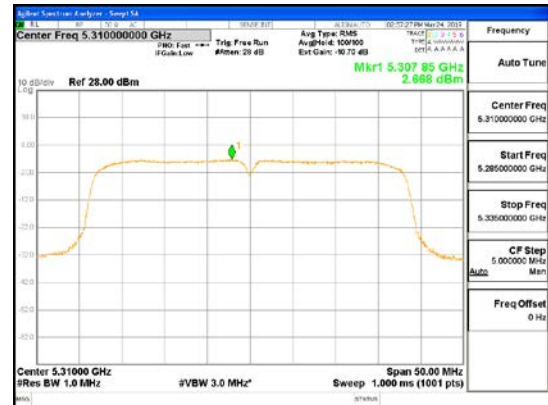
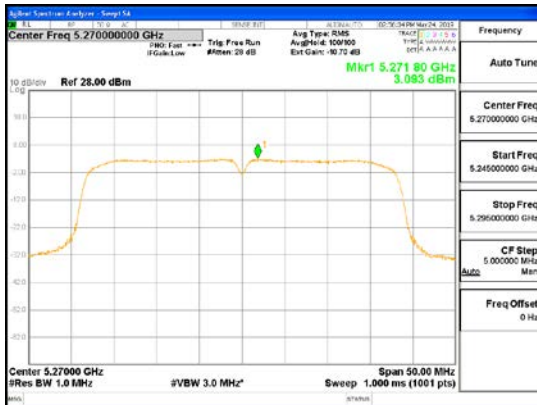
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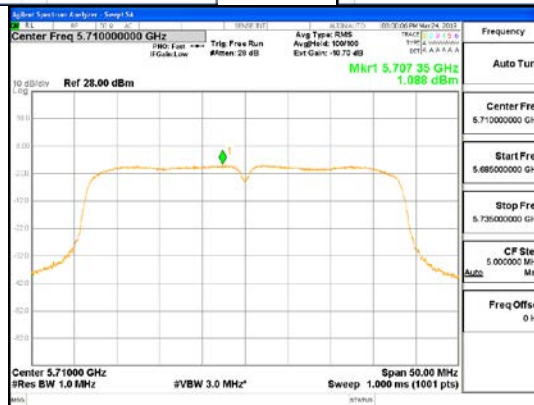
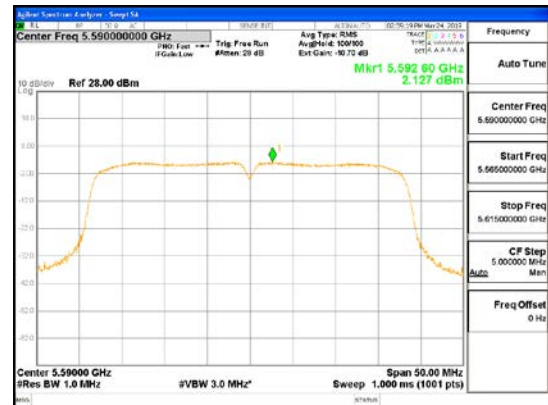
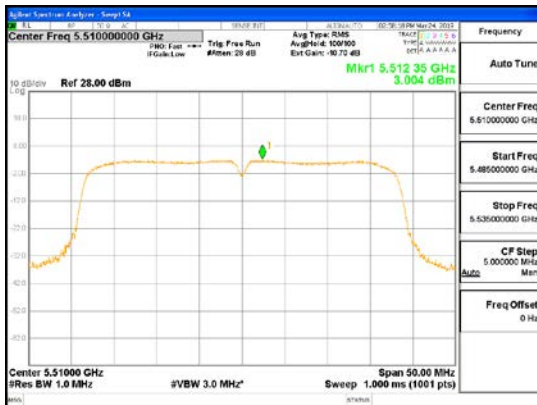
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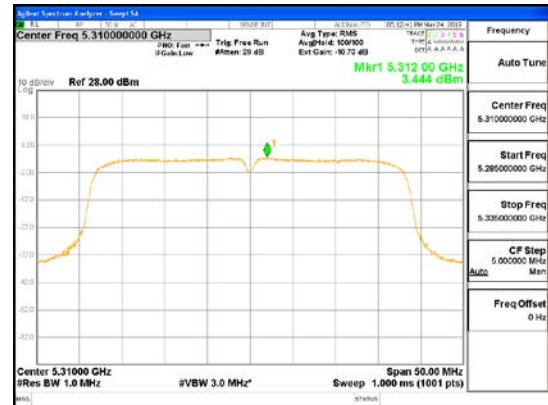
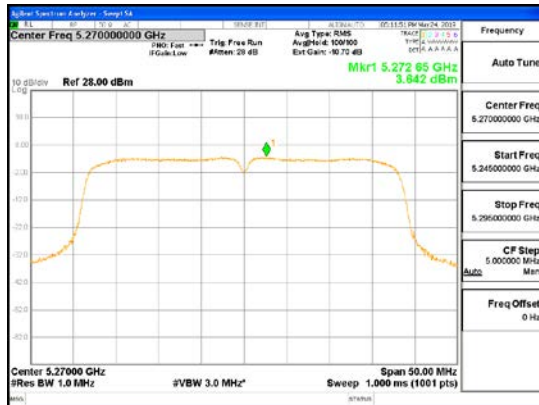
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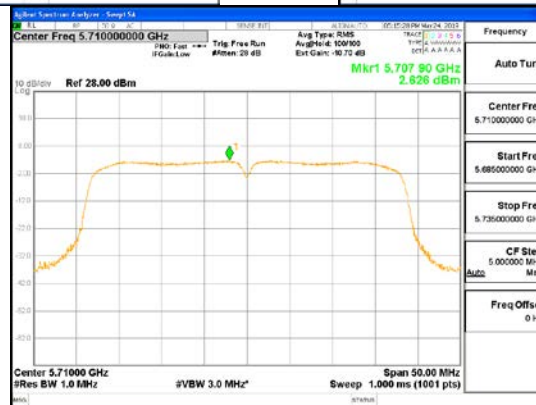
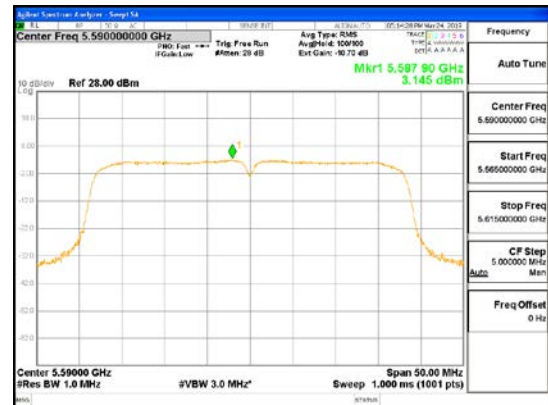
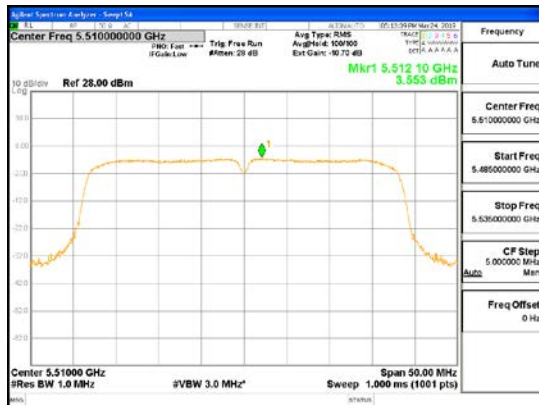
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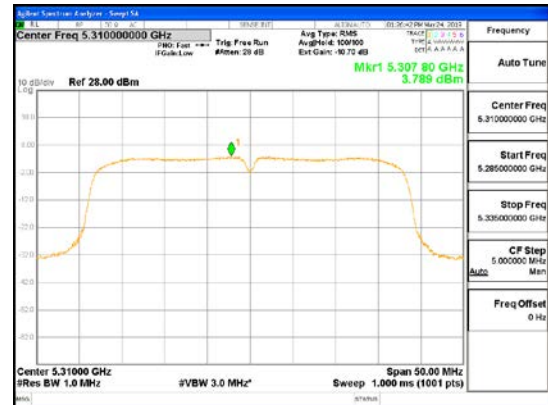
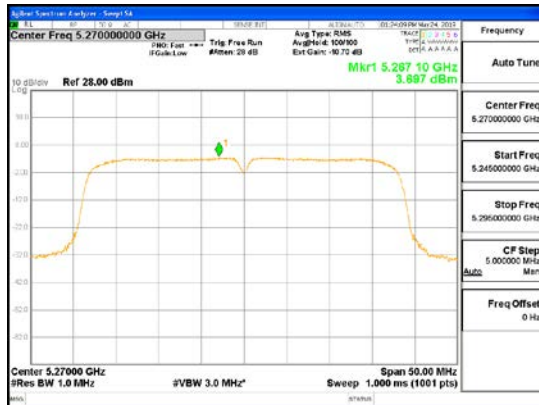
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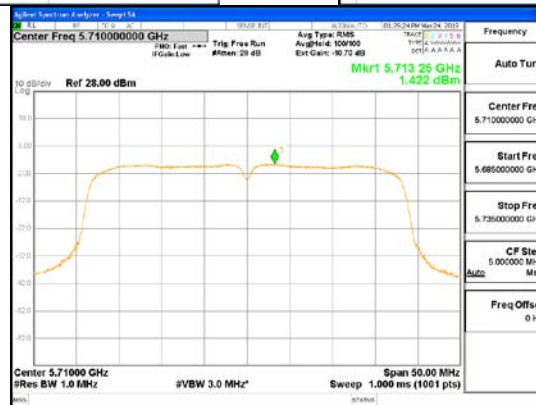
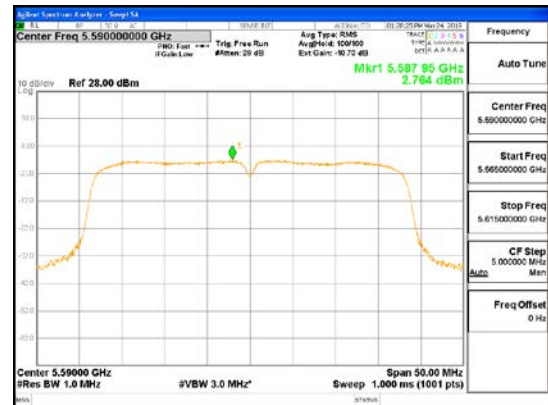
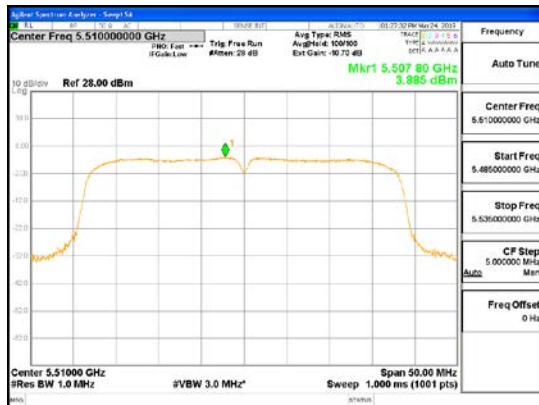
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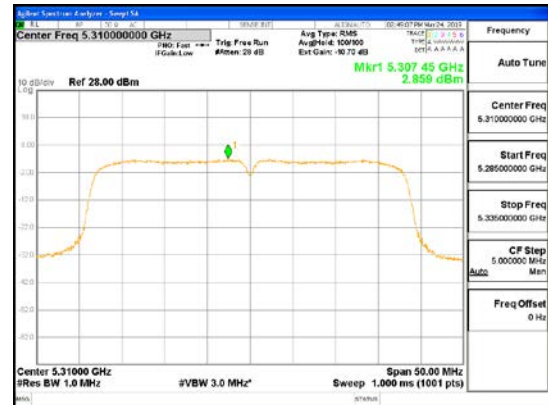
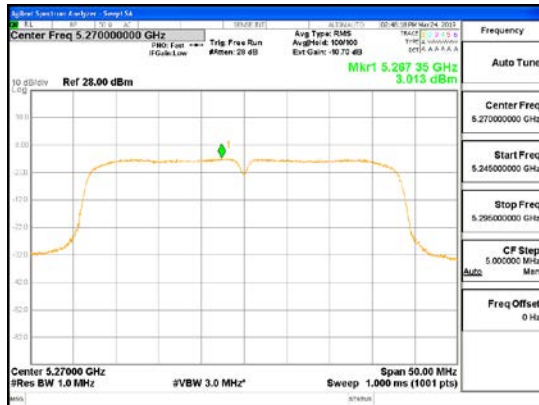
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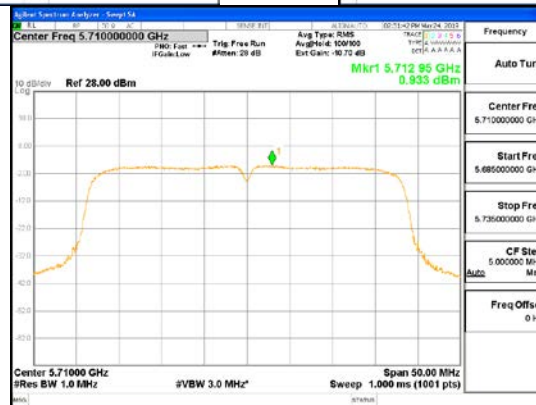
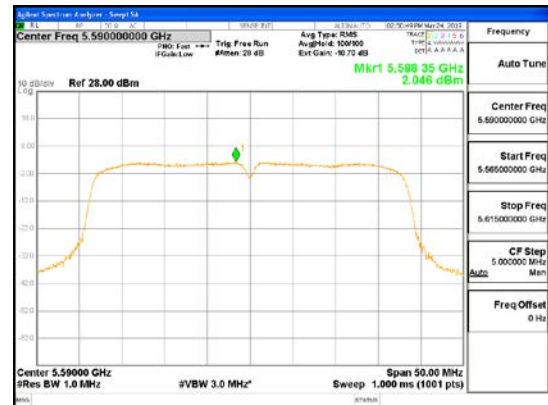
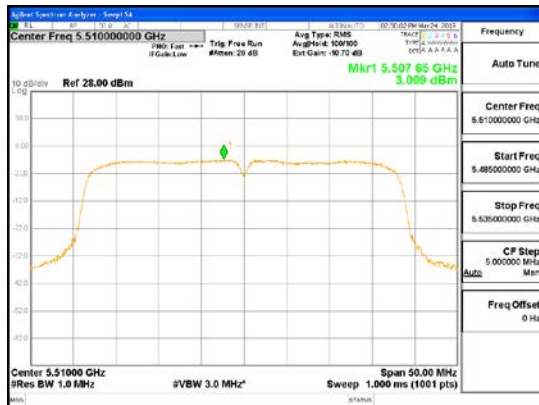
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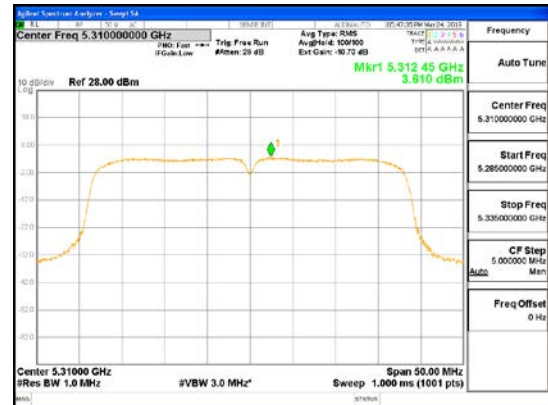
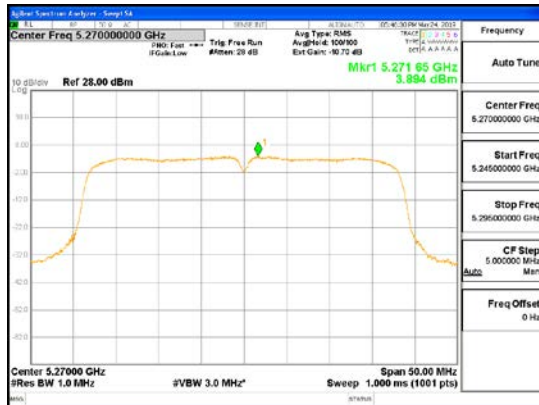
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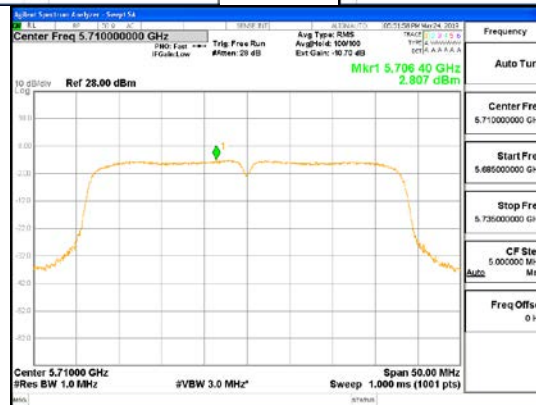
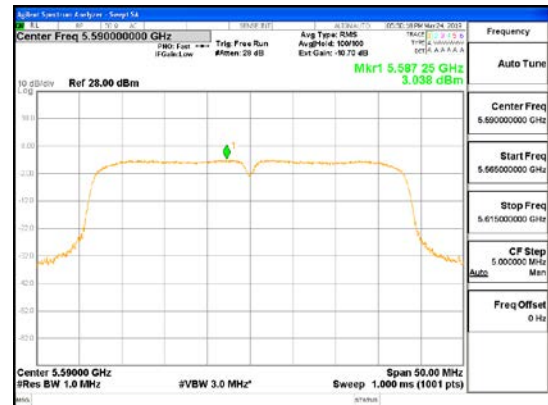
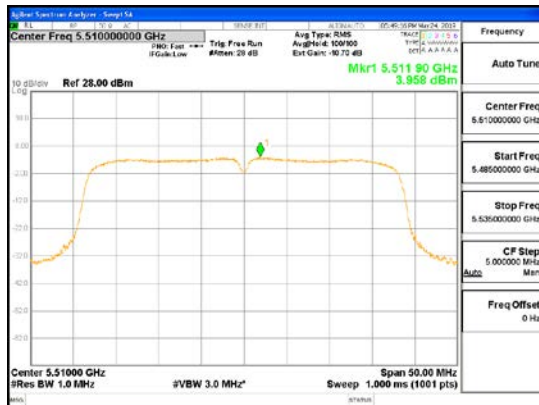
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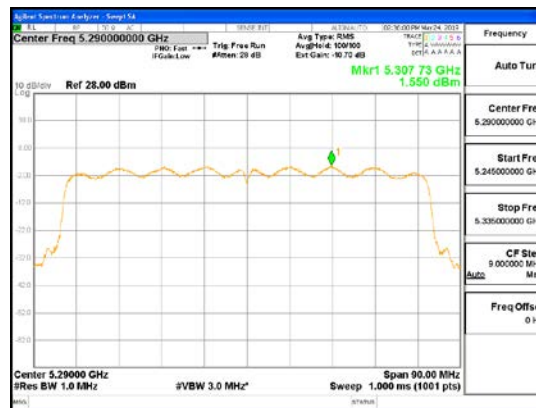
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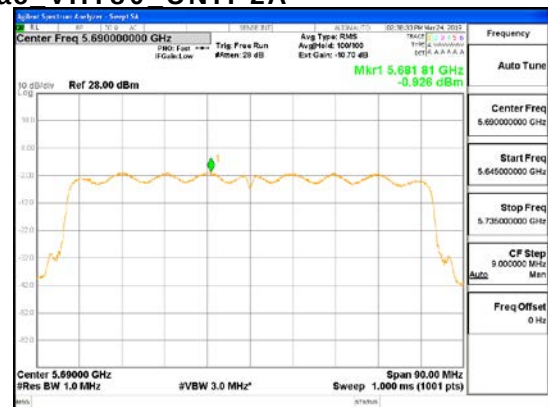
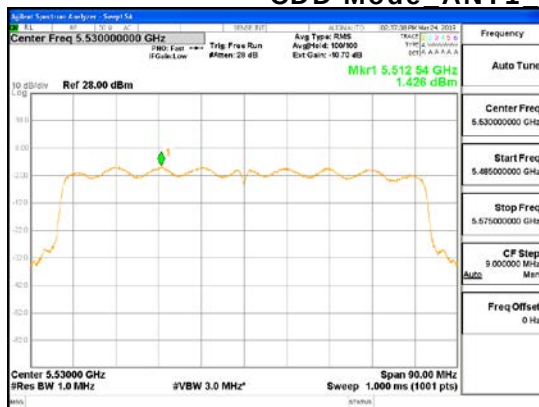
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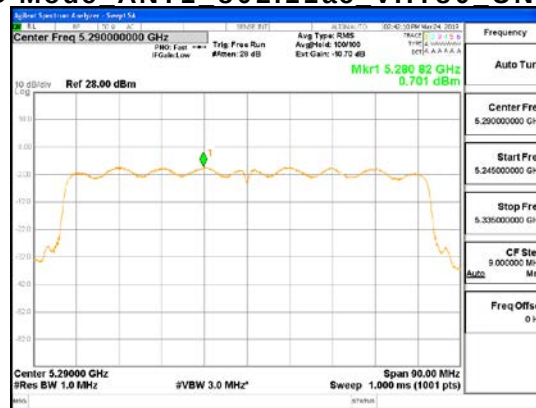
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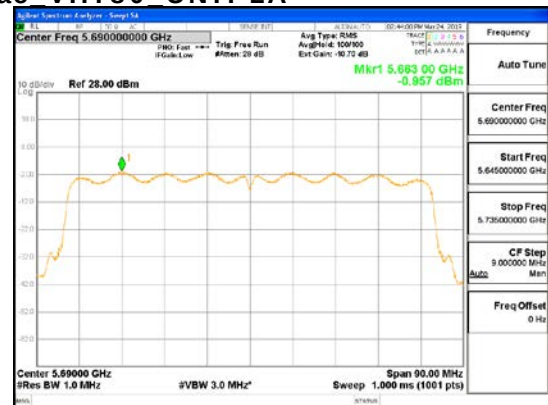
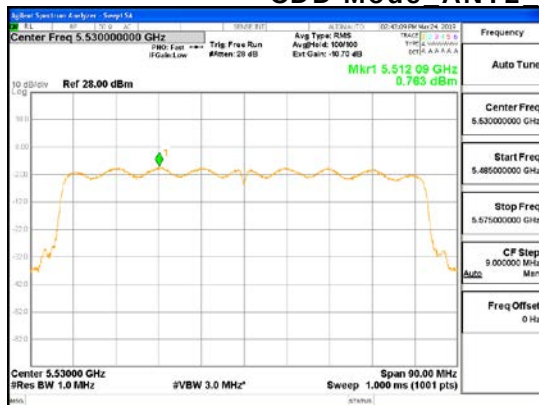
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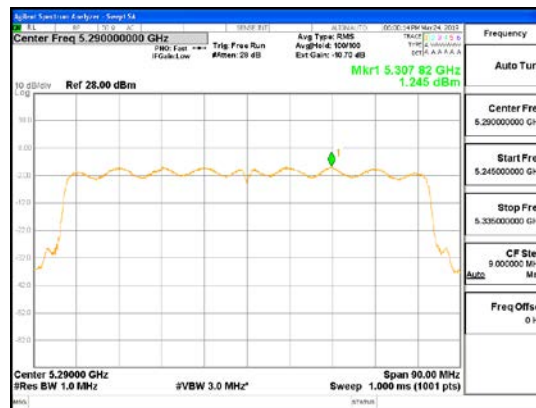
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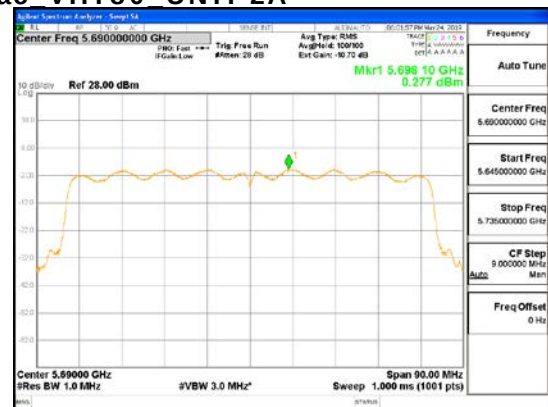
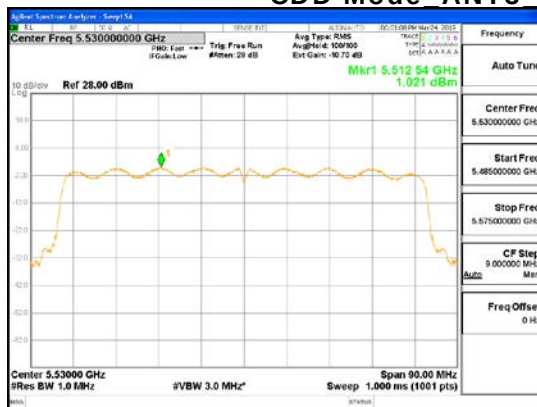
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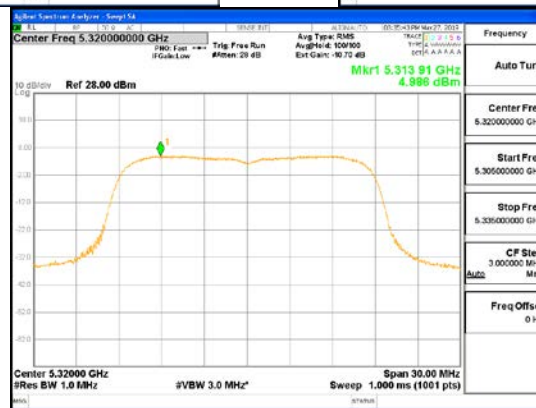
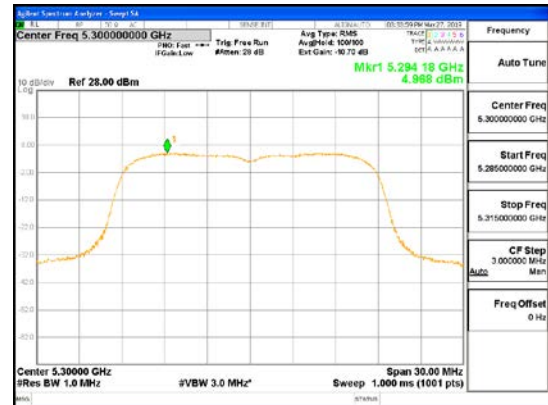
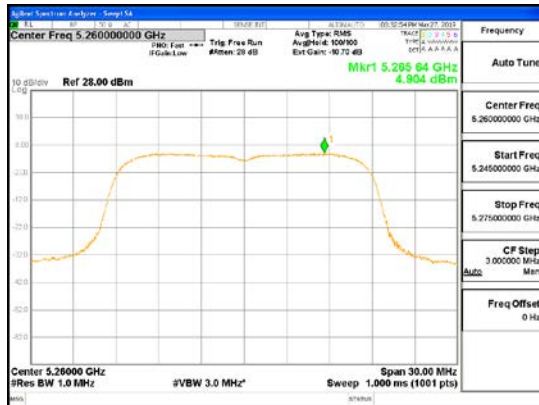
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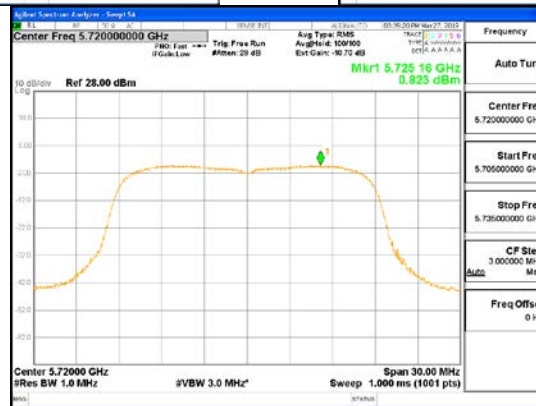
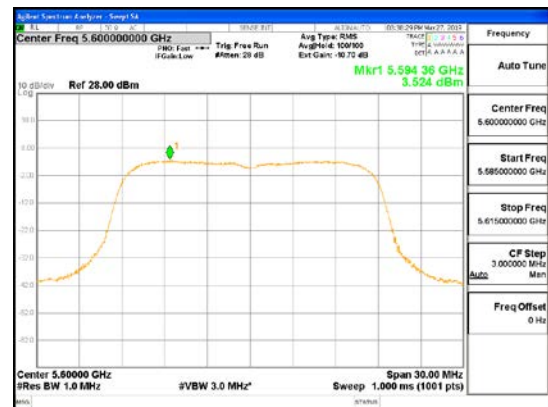
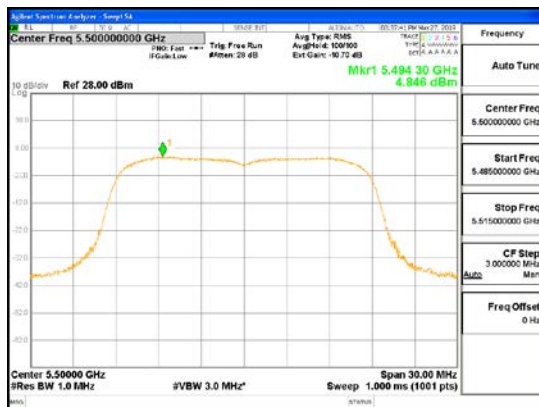
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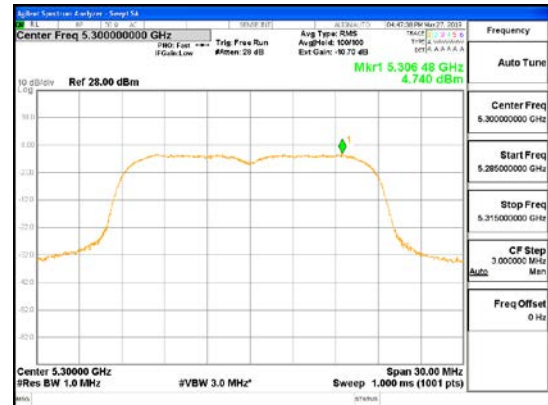
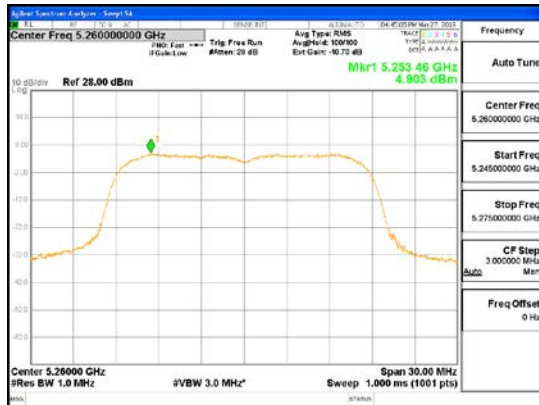
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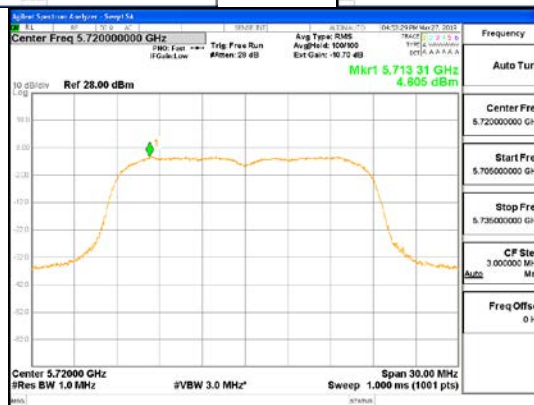
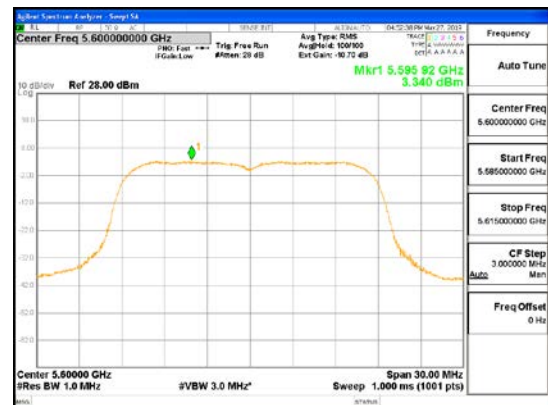
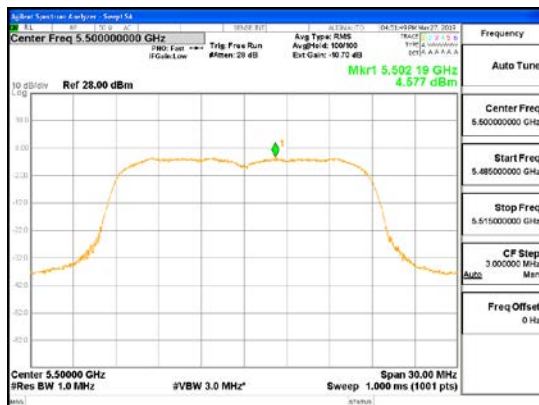
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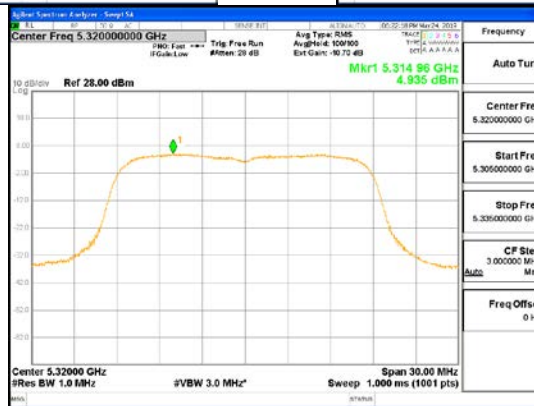
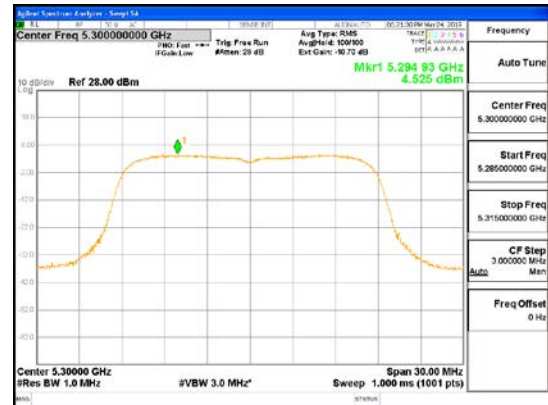
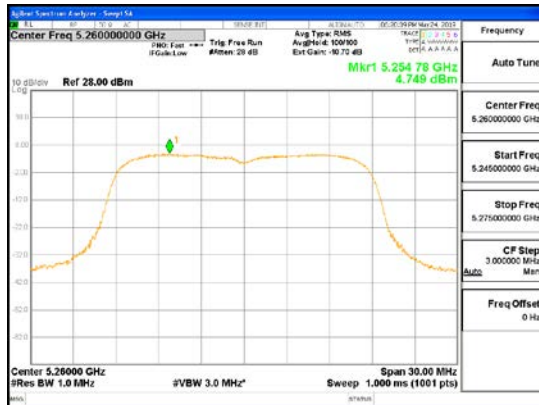
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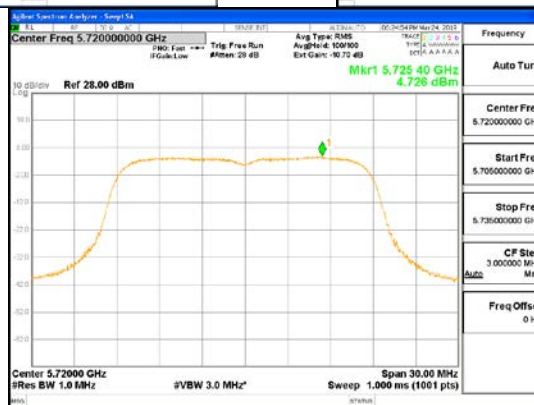
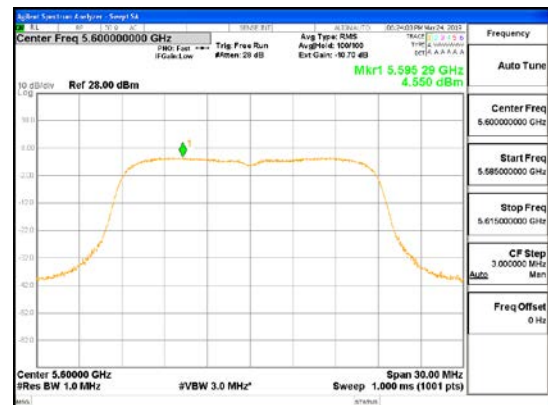
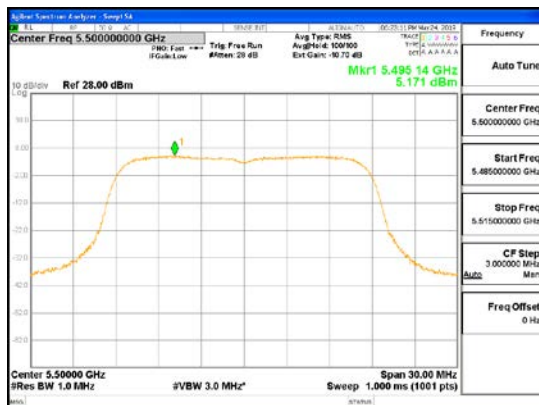
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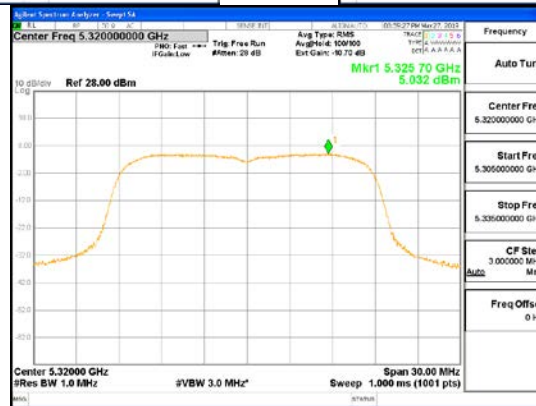
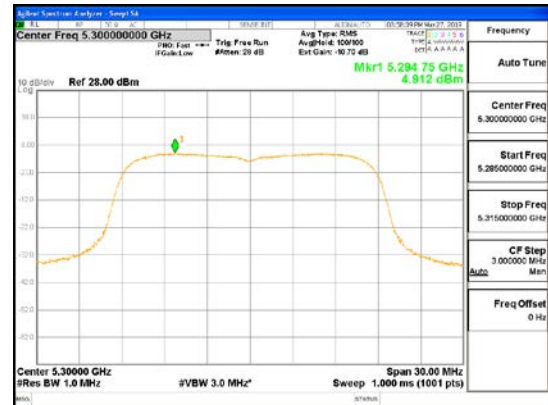
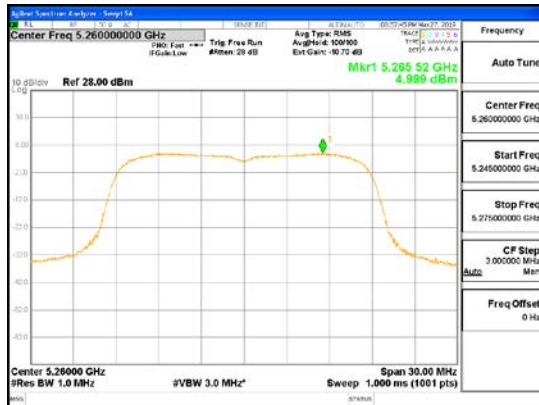
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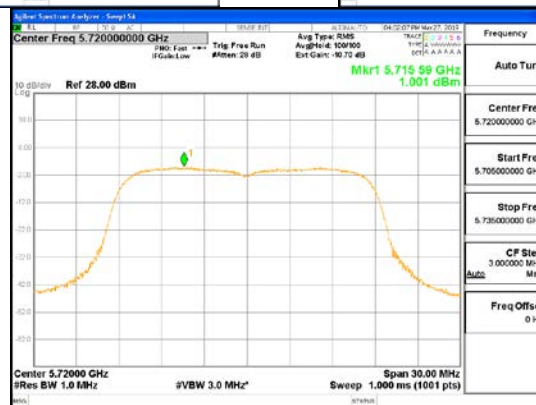
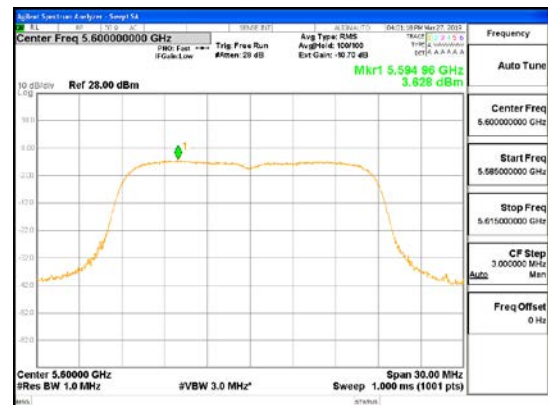
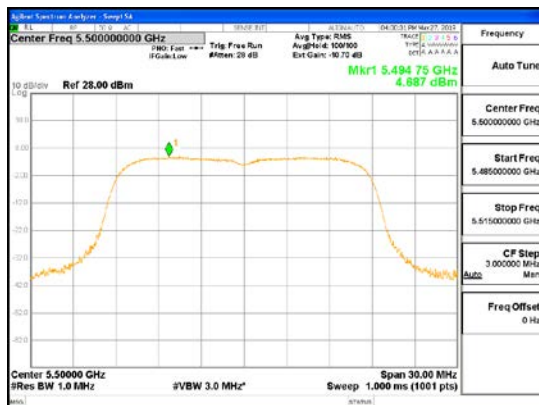
SDM Mode_ANT3_802.11n_HT20_UNII 2A



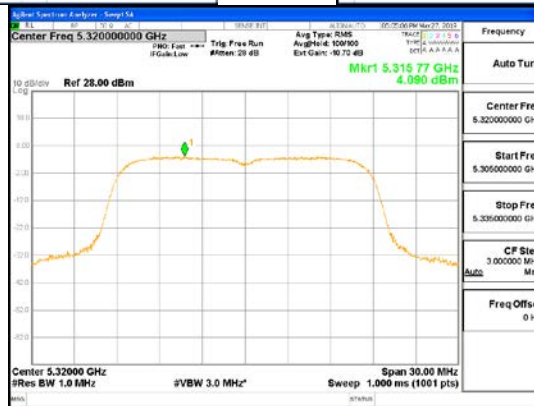
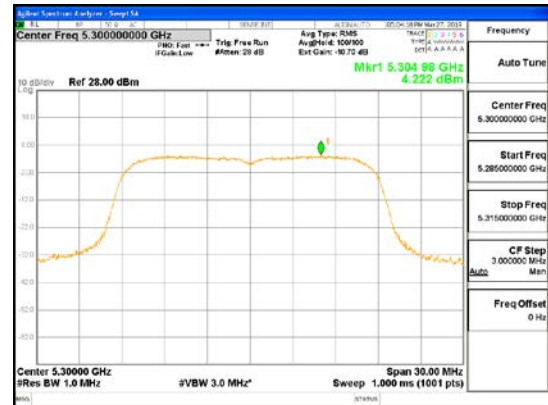
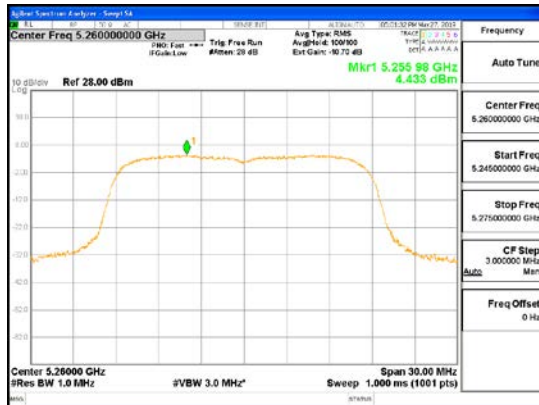
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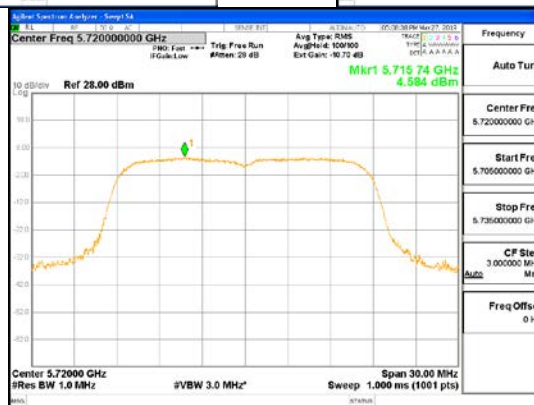
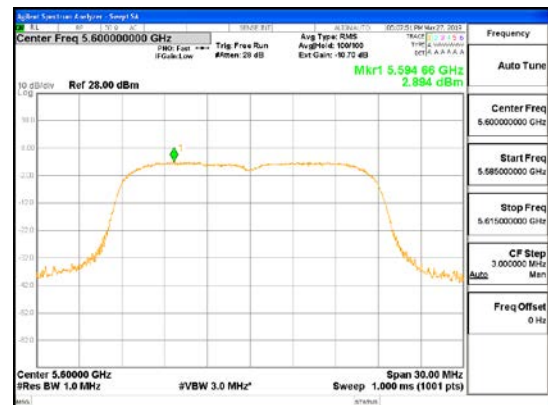
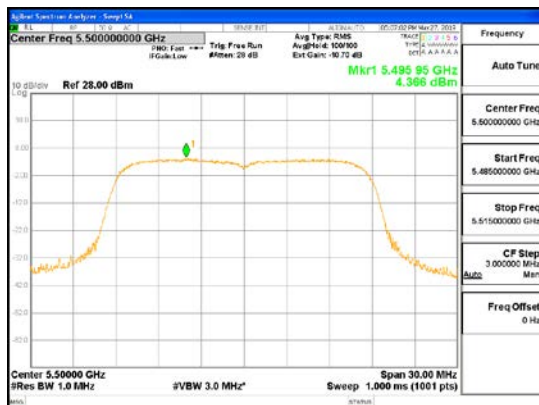
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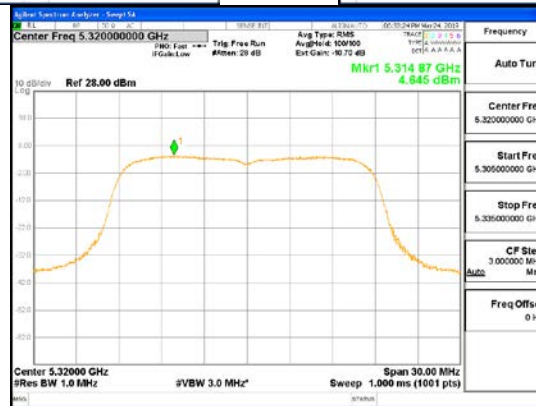
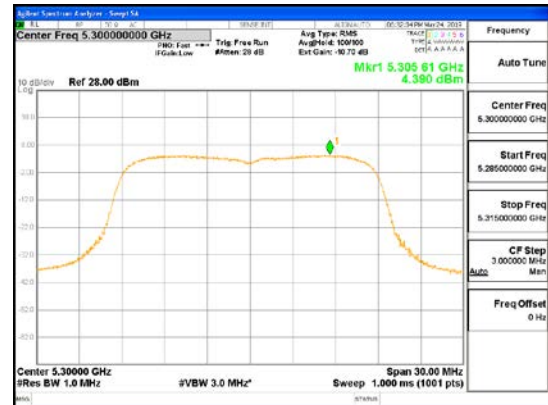
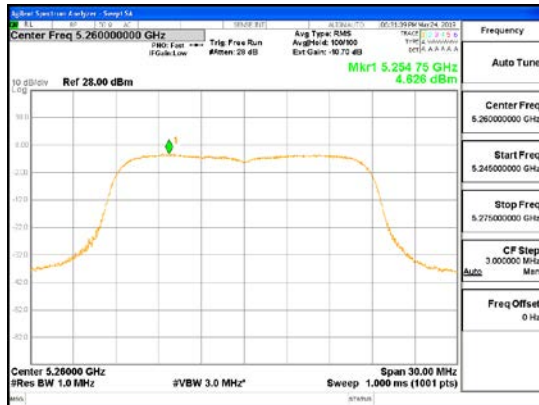
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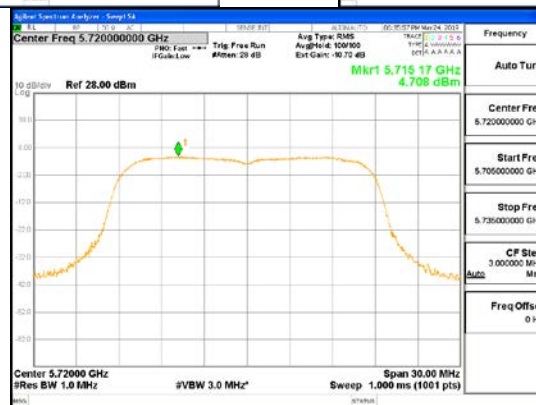
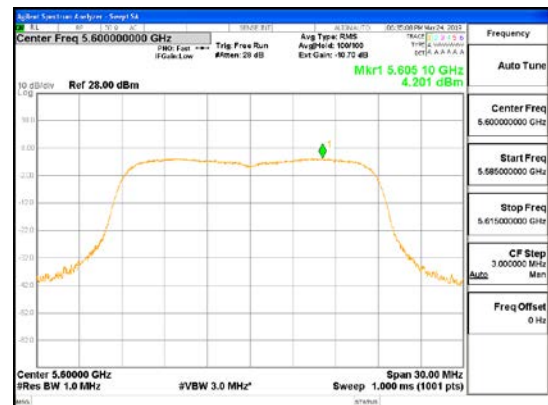
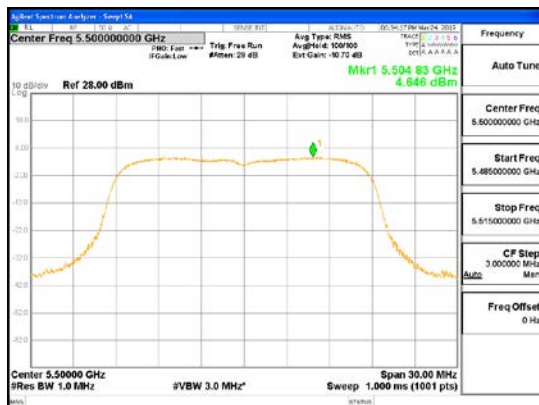
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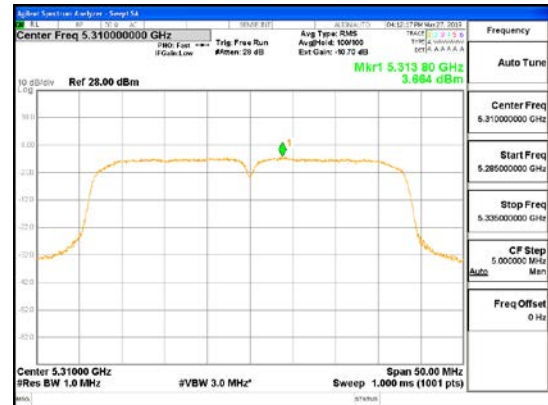
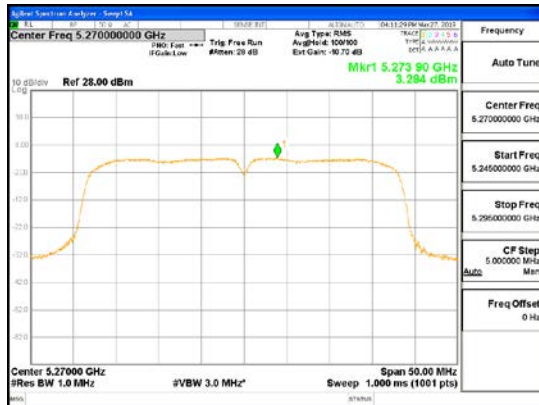
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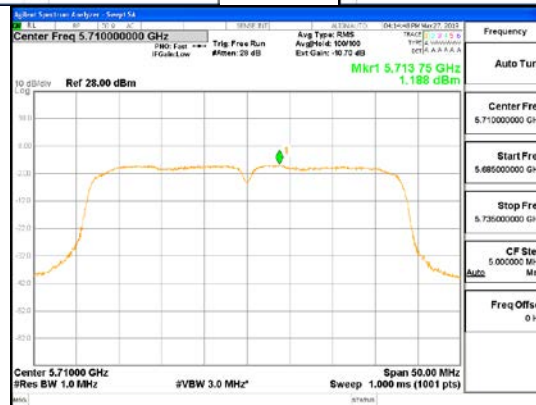
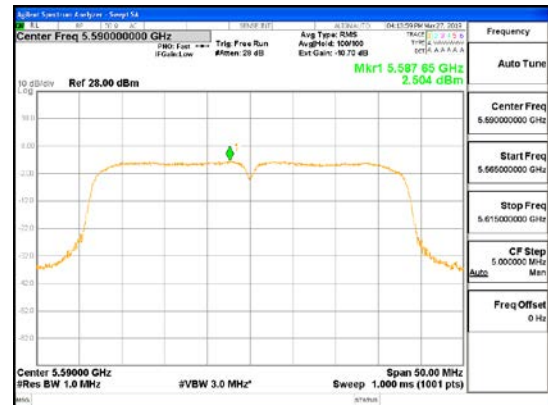
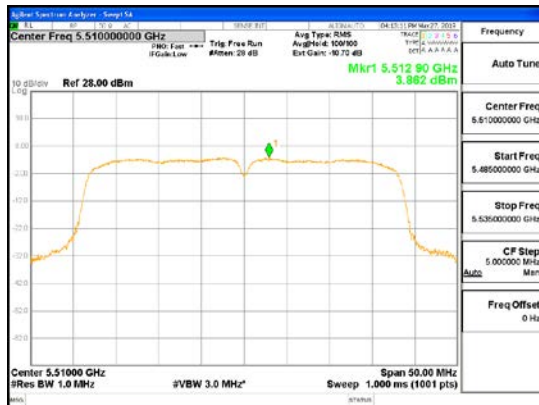
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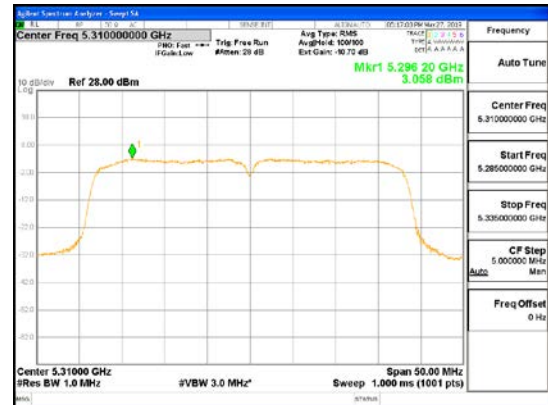
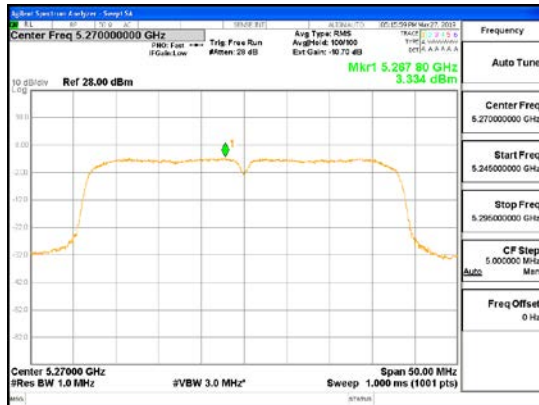
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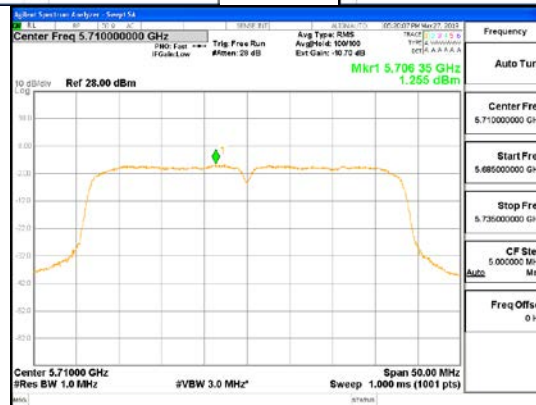
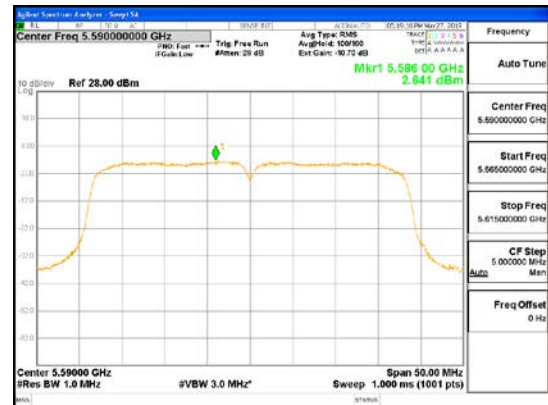
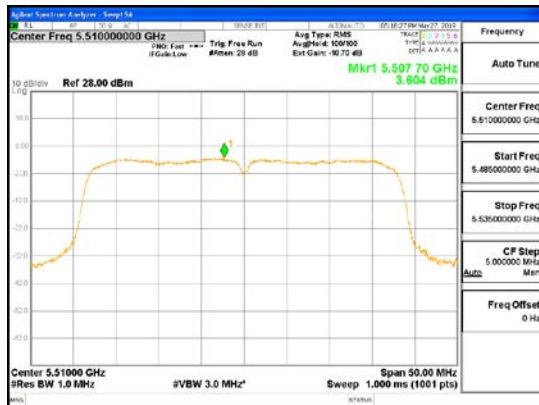
SDM Mode_ANT1_802.11n_HT40_UNII 2A



SDM Mode_ANT1_802.11n_HT40_UNII 2C



SDM Mode_ANT2_802.11n_HT40_UNII 2A



SDM Mode_ANT2_802.11n_HT40_UNII 2C