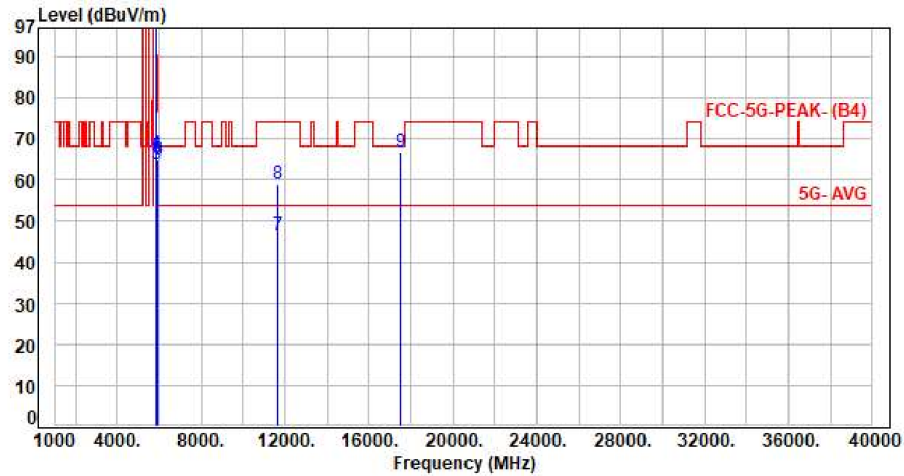




Test Mode : 2TX 11ac20 CH165 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

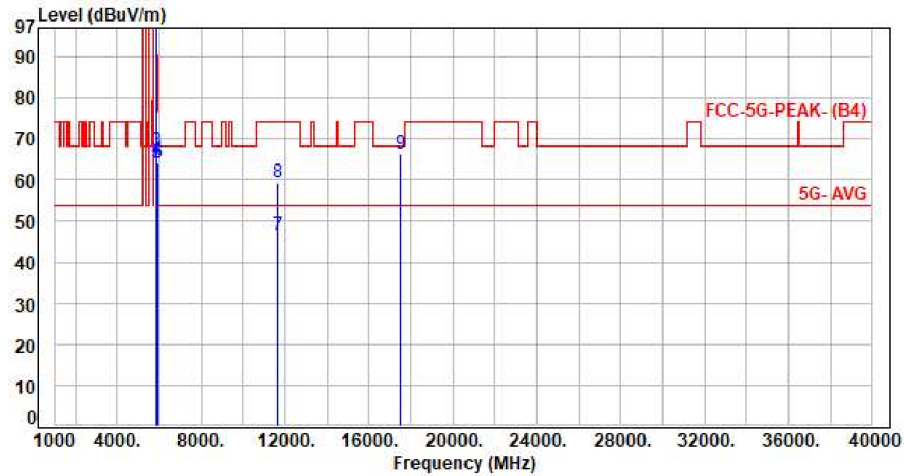


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5825.00	7.42	91.13	98.55	200.00	-101.45	Average	100	240	P
2	5825.00	7.42	101.29	108.71	200.00	-91.29	Peak	100	240	P
3	5850.00	7.43	56.50	63.93	122.20	-58.27	Peak	100	240	P
4	5855.00	7.45	58.79	66.24	110.80	-44.56	Peak	100	240	P
5	5875.00	7.54	57.93	65.47	105.20	-39.73	Peak	100	240	P
6	5925.00	7.66	57.38	65.04	68.20	-3.16	Peak	100	240	P
7	11650.00	16.84	29.64	46.48	54.00	-7.52	Average	100	119	P
8	11650.00	16.84	42.03	58.87	74.00	-15.13	Peak	100	119	P
9	17475.00	23.76	43.17	66.93	68.20	-1.27	Peak	100	135	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11ac20 CH165 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5825.00	7.42	93.82	101.24	200.00	-98.76	Average	100	360	P
2	5825.00	7.42	103.64	111.06	200.00	-88.94	Peak	100	360	P
3	5850.00	7.43	59.60	67.03	122.20	-55.17	Peak	100	360	P
4	5855.00	7.45	57.44	64.89	110.80	-45.91	Peak	100	360	P
5	5875.00	7.54	56.71	64.25	105.20	-40.95	Peak	100	360	P
6	5925.00	7.66	56.39	64.05	68.20	-4.15	Peak	100	360	P
7	11650.00	16.84	29.54	46.38	54.00	-7.62	Average	100	328	P
8	11650.00	16.84	42.38	59.22	74.00	-14.78	Peak	100	328	P
9	17475.00	23.76	42.50	66.26	68.20	-1.94	Peak	100	196	P

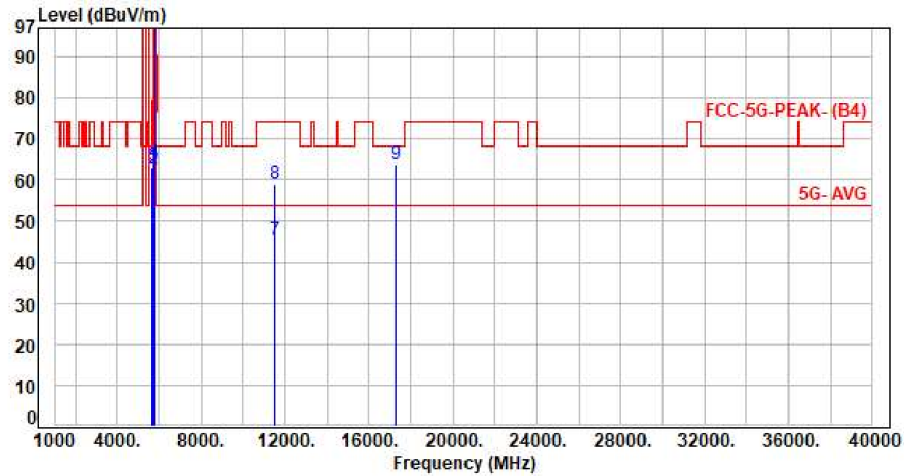
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11ac40 CH151 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

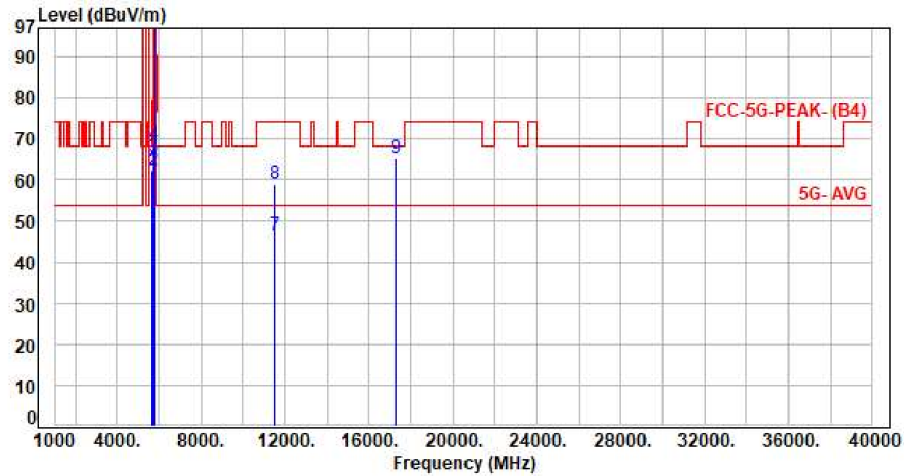


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	7.35	55.65	63.00	68.20	-5.20	Peak	100	246	P
2	5700.00	7.37	55.40	62.77	105.20	-42.43	Peak	100	246	P
3	5720.00	7.34	56.18	63.52	110.80	-47.28	Peak	100	246	P
4	5725.00	7.33	56.90	64.23	122.20	-57.97	Peak	100	246	P
5	5755.00	7.30	88.71	96.01	200.00	-103.99	Average	100	246	P
6	5755.00	7.30	98.40	105.70	200.00	-94.30	Peak	100	246	P
7	11510.00	16.53	28.95	45.48	54.00	-8.52	Average	100	195	P
8	11510.00	16.53	42.30	58.83	74.00	-15.17	Peak	100	195	P
9	17265.00	22.53	41.35	63.88	68.20	-4.32	Peak	100	185	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11ac40 CH151 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

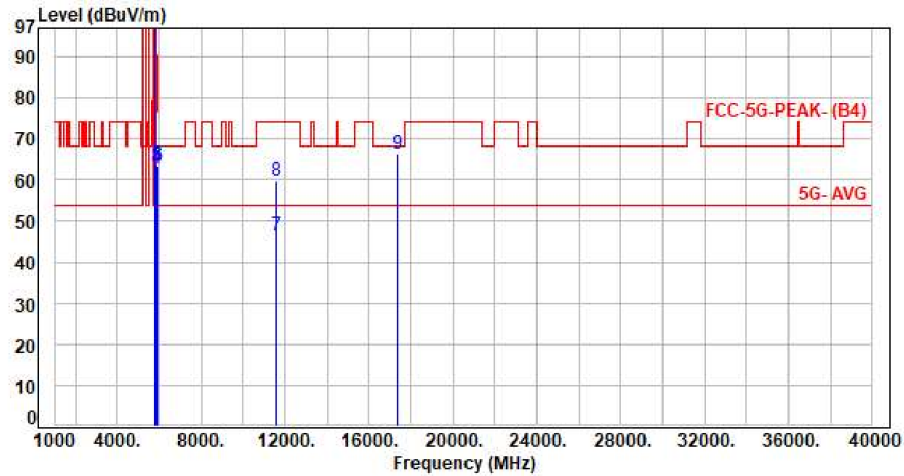


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	7.35	55.15	62.50	68.20	-5.70	Peak	100	360	P
2	5700.00	7.37	54.84	62.21	105.20	-42.99	Peak	100	360	P
3	5720.00	7.34	58.16	65.50	110.80	-45.30	Peak	100	360	P
4	5725.00	7.33	61.10	68.43	122.20	-53.77	Peak	100	360	P
5	5755.00	7.30	91.64	98.94	200.00	-101.06	Average	100	360	P
6	5755.00	7.30	101.11	108.41	200.00	-91.59	Peak	100	360	P
7	11510.00	16.53	29.82	46.35	54.00	-7.65	Average	100	325	P
8	11510.00	16.53	42.40	58.93	74.00	-15.07	Peak	100	325	P
9	17265.00	22.53	42.68	65.21	68.20	-2.99	Peak	100	162	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11ac40 CH159 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

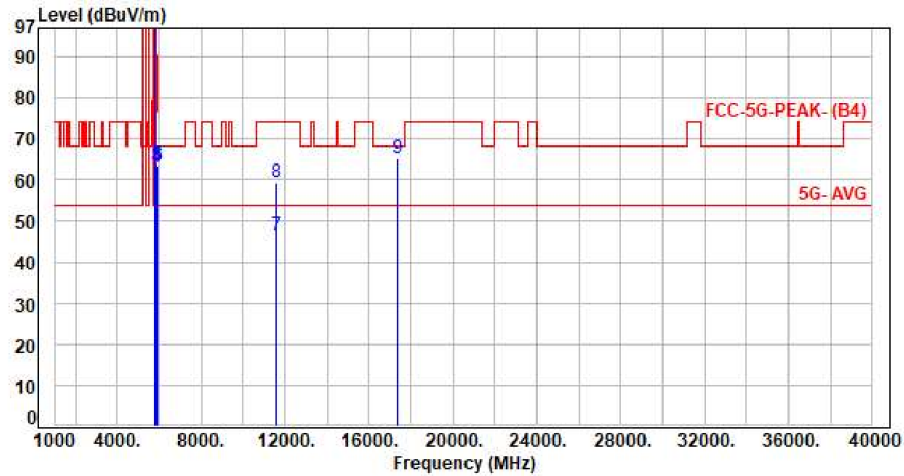


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5795.00	7.39	89.08	96.47	200.00	-103.53	Average	100	243	P
2	5795.00	7.39	98.24	105.63	200.00	-94.37	Peak	100	243	P
3	5850.00	7.43	56.00	63.43	122.20	-58.77	Peak	100	243	P
4	5855.00	7.45	55.15	62.60	110.80	-48.20	Peak	100	243	P
5	5875.00	7.54	56.18	63.72	105.20	-41.48	Peak	100	243	P
6	5925.00	7.66	55.84	63.50	68.20	-4.70	Peak	100	243	P
7	11590.00	16.70	29.83	46.53	54.00	-7.47	Average	100	199	P
8	11590.00	16.70	42.91	59.61	74.00	-14.39	Peak	100	199	P
9	17385.00	23.25	43.31	66.56	68.20	-1.64	Peak	100	211	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11ac40 CH159 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5795.00	7.39	91.16	98.55	200.00	-101.45	Average	100	360	P
2	5795.00	7.39	100.93	108.32	200.00	-91.68	Peak	100	360	P
3	5850.00	7.43	56.17	63.60	122.20	-58.60	Peak	100	360	P
4	5855.00	7.45	55.73	63.18	110.80	-47.62	Peak	100	360	P
5	5875.00	7.54	56.34	63.88	105.20	-41.32	Peak	100	360	P
6	5925.00	7.66	55.64	63.30	68.20	-4.90	Peak	100	360	P
7	11590.00	16.70	29.82	46.52	54.00	-7.48	Average	100	142	P
8	11590.00	16.70	42.53	59.23	74.00	-14.77	Peak	100	142	P
9	17385.00	23.25	42.09	65.34	68.20	-2.86	Peak	100	183	P

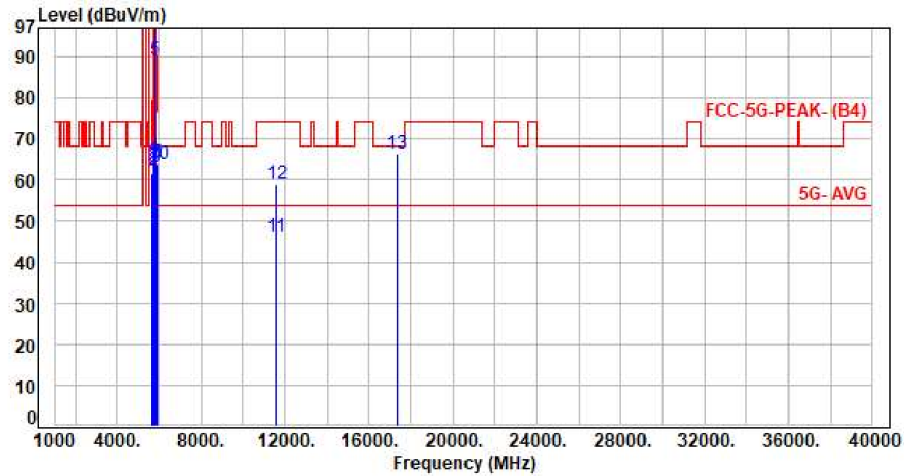
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11ac80 CH155 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

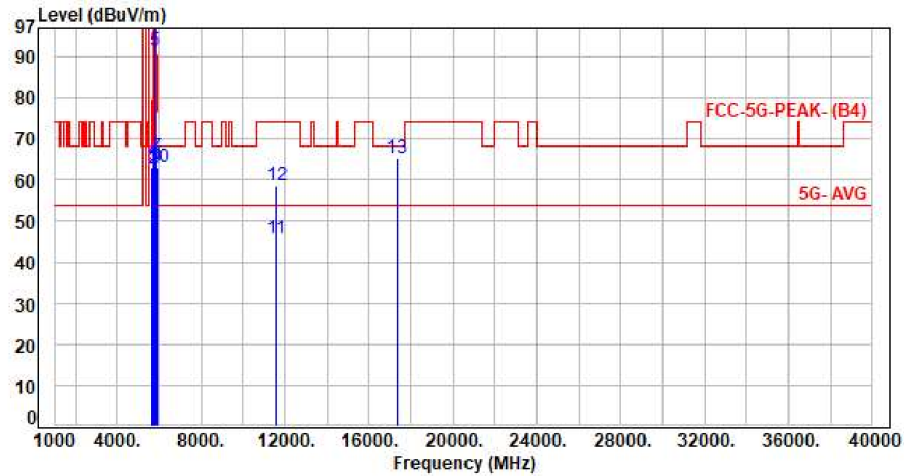


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	7.35	54.19	61.54	68.20	-6.66	Peak	372	267	P
2	5700.00	7.37	55.06	62.43	105.20	-42.77	Peak	372	267	P
3	5720.00	7.34	55.86	63.20	110.80	-47.60	Peak	372	267	P
4	5725.00	7.33	58.50	65.83	122.20	-56.37	Peak	372	267	P
5	5775.00	7.35	81.81	89.16	200.00	-110.84	Average	372	267	P
6	5775.00	7.35	91.95	99.30	200.00	-100.70	Peak	372	267	P
7	5850.00	7.43	56.79	64.22	122.20	-57.98	Peak	372	267	P
8	5855.00	7.45	56.79	64.24	110.80	-46.56	Peak	372	267	P
9	5875.00	7.54	55.69	63.23	105.20	-41.97	Peak	372	267	P
10	5925.00	7.66	56.02	63.68	68.20	-4.52	Peak	372	267	P
11	11550.00	16.62	29.38	46.00	54.00	-8.00	Average	100	239	P
12	11550.00	16.62	42.51	59.13	74.00	-14.87	Peak	100	239	P
13	17325.00	22.96	43.44	66.40	68.20	-1.80	Peak	100	228	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11ac80 CH155 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	7.35	55.65	63.00	68.20	-5.20	Peak	100	296	P
2	5700.00	7.37	55.34	62.71	105.20	-42.49	Peak	100	296	P
3	5720.00	7.34	56.07	63.41	110.80	-47.39	Peak	100	296	P
4	5725.00	7.33	57.12	64.45	122.20	-57.75	Peak	100	296	P
5	5775.00	7.35	84.16	91.51	200.00	-108.49	Average	100	296	P
6	5775.00	7.35	92.59	99.94	200.00	-100.06	Peak	100	296	P
7	5850.00	7.43	58.22	65.65	122.20	-56.55	Peak	100	296	P
8	5855.00	7.45	56.46	63.91	110.80	-46.89	Peak	100	296	P
9	5875.00	7.54	55.63	63.17	105.20	-42.03	Peak	100	296	P
10	5925.00	7.66	55.50	63.16	68.20	-5.04	Peak	100	296	P
11	11550.00	16.62	28.96	45.58	54.00	-8.42	Average	100	187	P
12	11550.00	16.62	41.96	58.58	74.00	-15.42	Peak	100	187	P
13	17325.00	22.96	42.40	65.36	68.20	-2.84	Peak	100	264	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



6.7. Restricted Bands of Operation

Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.09000 – 0.11000	16.42000 – 16.42300	399.9 – 410.0	4.500 – 5.150
0.49500 – 0.505**	16.69475 – 16.69525	608.0 – 614.0	5.350 – 5.460
2.17350 – 2.19050	16.80425 – 16.80475	960.0 – 1240.0	7.250 – 7.750
4.12500 – 4.12800	25.50000 – 25.67000	1300.0 – 1427.0	8.025 – 8.500
4.17725 – 4.17775	37.50000 – 38.25000	1435.0 – 1626.5	9.000 – 9.200
4.20725 – 4.20775	73.00000 – 74.60000	1645.5 – 1646.5	9.300 – 9.500
6.21500 – 6.21800	74.80000 – 75.20000	1660.0 – 1710.0	10.600 – 12.700
6.26775 – 6.26825	108.00000 – 121.94000	1718.8 – 1722.2	13.250 – 13.400
6.31175 – 6.31225	123.00000 – 138.00000	2200.0 – 2300.0	14.470 – 14.500
8.29100 – 8.29400	149.90000 – 150.05000	2310.0 – 2390.0	15.350 – 16.200
8.36200 – 8.36600	156.52475 – 156.52525	2483.5 – 2500.0	17.700 – 21.400
8.37625 – 8.38675	156.70000 – 156.90000	2655.0 – 2900.0	22.010 – 23.120
8.41425 – 8.41475	162.01250 – 167.17000	3260.0 – 3267.0	23.600 – 24.000
12.29000 – 12.29300	167.72000 – 173.20000	3332.0 – 3339.0	31.200 – 31.800
12.51975 – 12.52025	240.00000 – 285.00000	3345.8 – 3358.0	36.430 – 36.500
12.57675 – 12.57725	322.00000 – 335.40000	3600.0 – 4400.0	Above 38.6
13.36000 – 13.41000			

** : Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz



7. On Time, Duty Cycle and Measurement methods

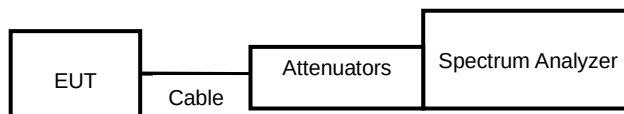
7.1. Test Limit

None; for reporting purposes only.

7.2. Test Procedure

KDB 789033 Zero-Span Spectrum Analyzer Method.

7.3. Test Setup Layout





7.4. Test Result and Data

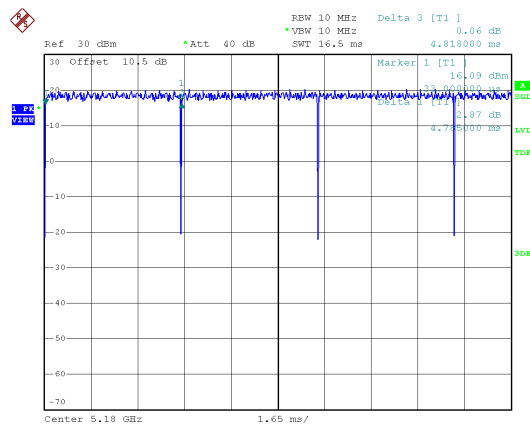
Modulation Type	On Time (ms)	Period Time (ms)	Duty Cycle (%)
802.11a,6M	4.79	4.82	99.32%
802.11ac VHT20	5.10	5.88	86.73%
802.11ac VHT40	4.60	5.52	83.33%
802.11ac VHT80	2.15	3.02	71.19%

7.5. Measurement Methods

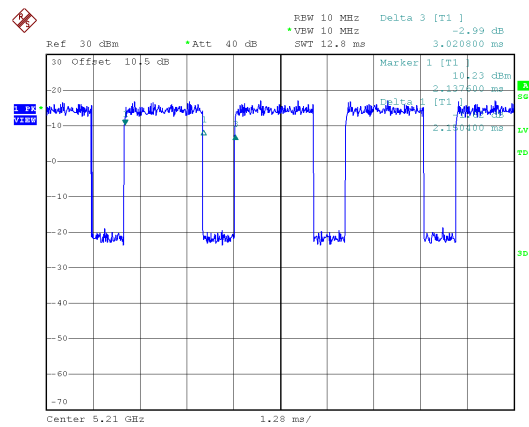
26 dB and 6dB Emission BW	KDB 789033 D02 v02r01, Section C
99% Occupied BW	KDB 789033 D02 v02r01, Section D
Conducted Output Power	KDB 789033 D02 v02r01, Section E.2.d and E.3.b (Method PM-G)
Power Spectral Density	KDB 789033 D02 v02r01, Section F
Unwanted emissions in restricted bands	KDB 789033 D02 v02r01, Sections G and H
Unwanted emissions in non-restricted bands	KDB 789033 D02 v02r01, Sections G and H



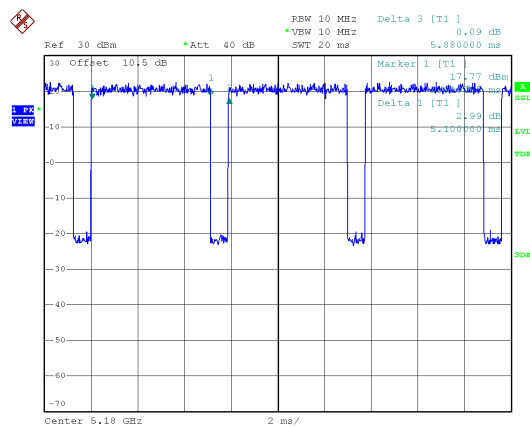
Modulation Type: 802.11a (6Mbps)



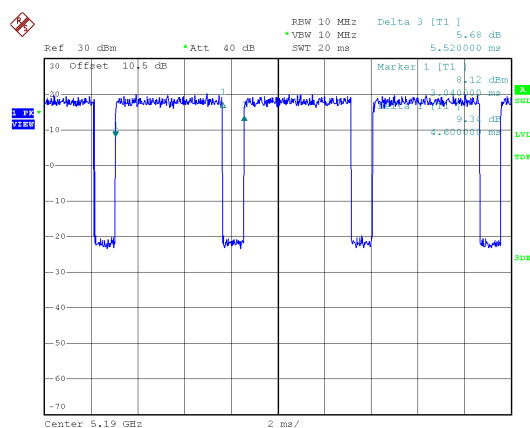
Modulation Type: 802.11ac VHT80 (29.3Mbps)



Modulation Type: 802.11ac VHT20 (6.5Mbps)



Modulation Type: 802.11ac VHT40 (13.5Mbps)





8. 6dB Bandwidth & 99% Occupied Bandwidth

8.1. Test Limit

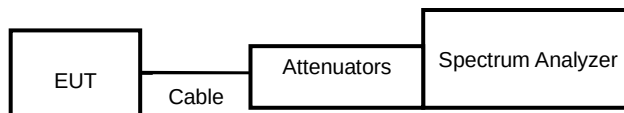
FCC §15.407

The minimum 6 dB bandwidth shall be at least 500 kHz.

8.2. Test Procedure

Reference to 789033 D02 General UNII Test Procedures New Rules v01: The transmitter output is connected to a spectrum analyzer with the RBW set to 100KHz, the VBW $\geq 3 \times$ RBW, peak detector and max hold.

8.3. Test Setup Layout





8.4. Test Result and Data

In the 5.8G Band

Modulation Type	Channel	Frequency (MHz)	6dB Bandwidth(MHz)		Minimum Limit (MHz)
			ANT A	ANT B	
11a	149	5745	16.26	16.35	0.50
11a	157	5785	16.29	16.32	0.50
11a	165	5825	16.29	16.35	0.50
11ac VHT20	149	5745	16.65	17.34	0.50
11ac VHT20	157	5785	16.23	17.55	0.50
11ac VHT20	165	5825	16.41	17.55	0.50
11ac VHT40	151	5755	32.58	31.26	0.50
11ac VHT40	159	5795	26.34	34.98	0.50
11ac VHT80	155	5775	75.12	73.68	0.50

In the 5.8G Band

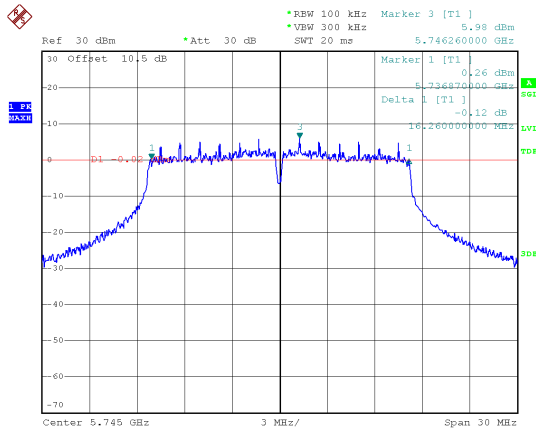
Modulation Type	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
			ANT A	ANT B
11a	149	5745	17.46	17.01
11a	157	5785	17.46	16.95
11a	165	5825	17.55	16.98
11ac VHT20	149	5745	18.27	17.85
11ac VHT20	157	5785	18.24	17.94
11ac VHT20	165	5825	18.33	17.88
11ac VHT40	151	5755	36.00	36.18
11ac VHT40	159	5795	36.00	36.18
11ac VHT80	155	5775	75.36	75.36



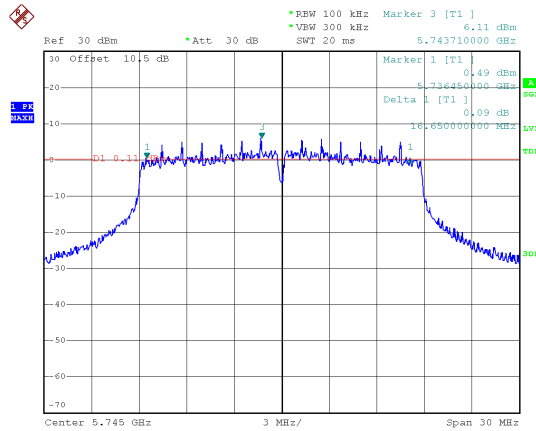
UNII Emission Bandwidth Result (Extends across 5725MHz band)						
Modulation Type	Data Rate / MCS	Frequency (MHz)	6dB Bandwidth(MHz)		99% Bandwidth(MHz)	
			ANT A	ANT B	ANT A	ANT B
11a	6 Mbps	5720	3.25	3.25	6.88	6.88
11ac VHT20	NSS1-MCS0	5720	3.88	3.88	6.88	5.88
11ac VHT40	NSS1-MCS0	5710	3.13	3.13	5.00	5.38
11ac VHT80	NSS1-MCS0	5690	3.13	3.13	15.88	38.25



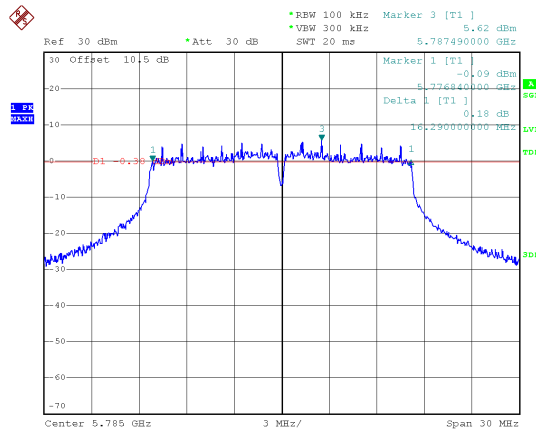
6dB Bandwidth, ANT A
Modulation Type: 802.11a (6Mbps)
CH149



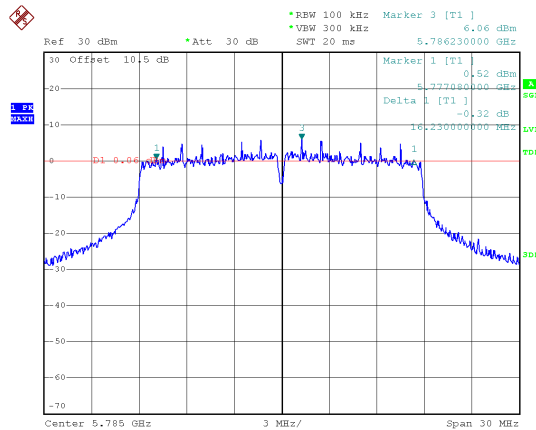
Modulation Type: 802.11ac, VHT20 (6.5Mbps)
CH149



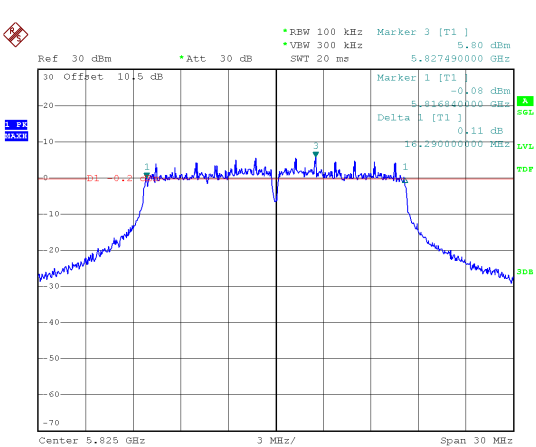
CH157



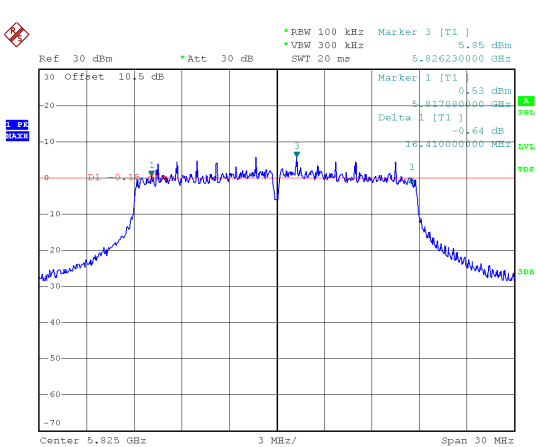
CH157



CH165



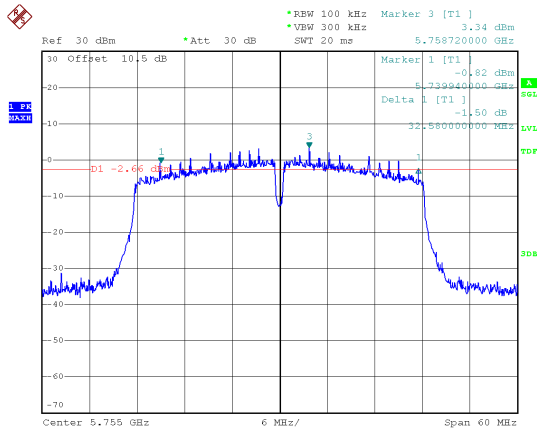
CH165



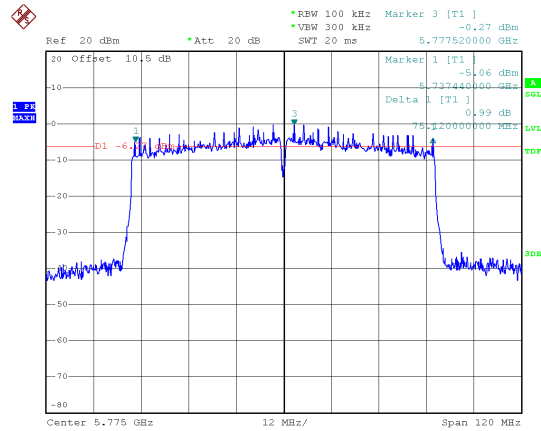


6dB Bandwidth, ANT A

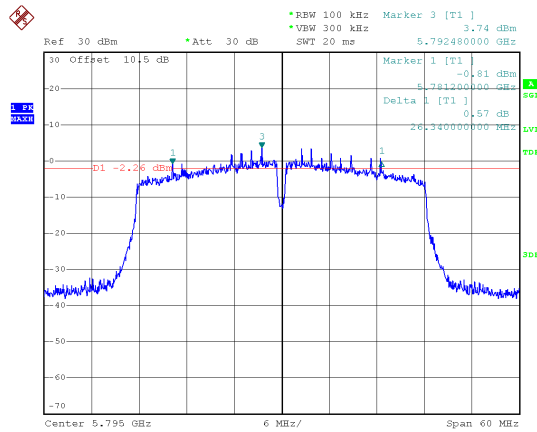
Modulation Type: 802.11ac, VHT40 (13.5Mbps)
CH151



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

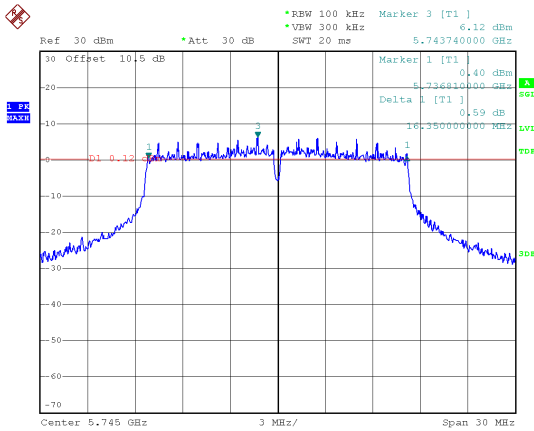
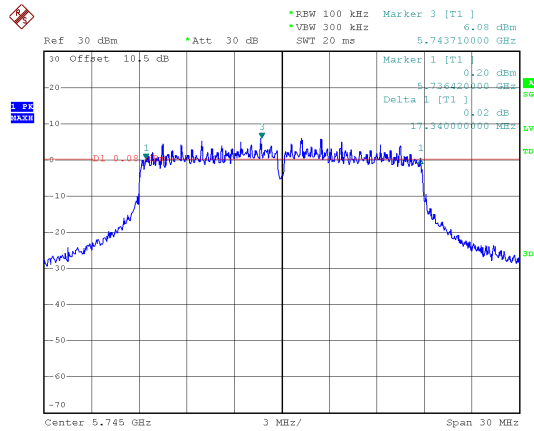


CH159

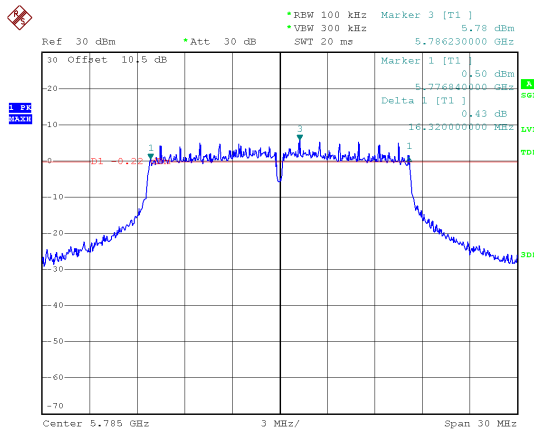




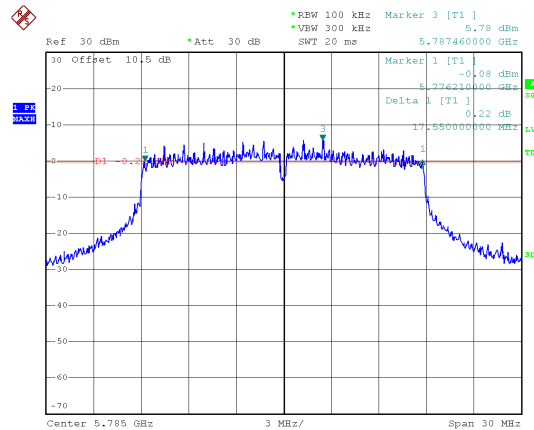
6dB Bandwidth, ANT B

Modulation Type: 802.11a (6Mbps)
CH149Modulation Type: 802.11ac, VHT20 (6.5Mbps)
CH149

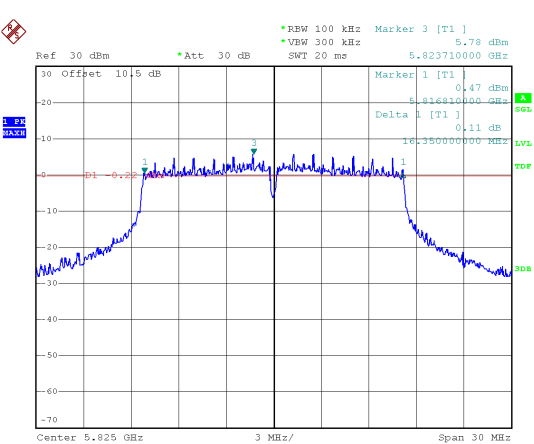
CH157



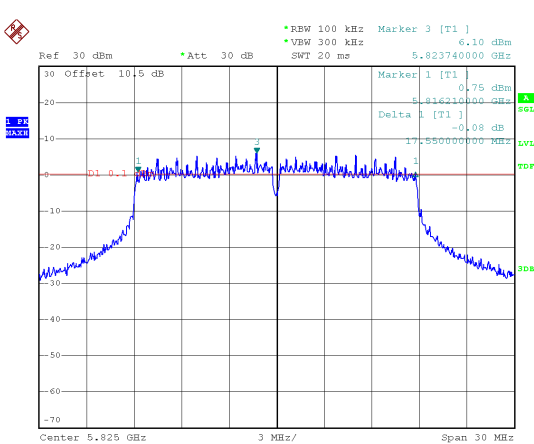
CH157



CH165

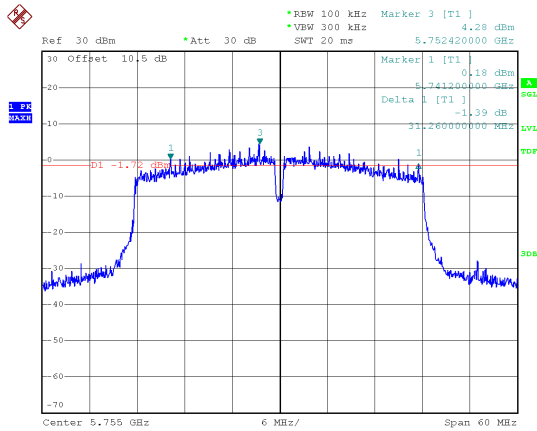
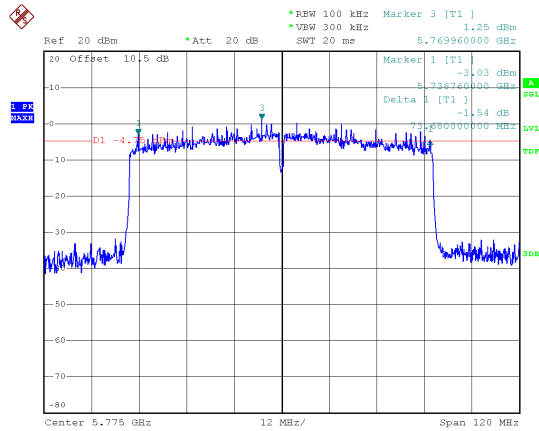


CH165

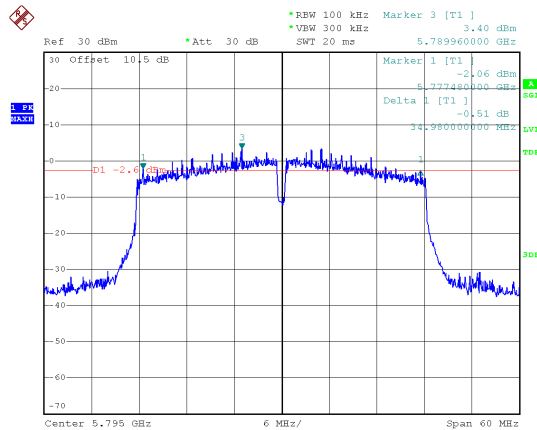




6dB Bandwidth, ANT B

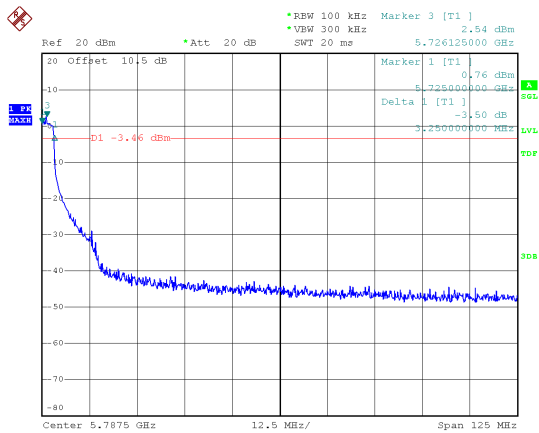
Modulation Type: 802.11ac, VHT40 (13.5Mbps)
CH151Modulation Type: 802.11ac, VHT80 (29.3Mbps)
CH155

CH159

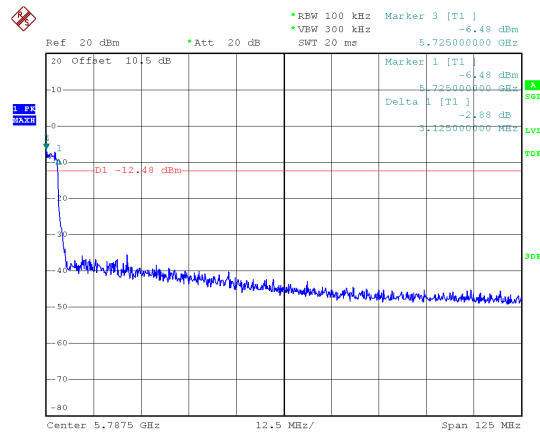




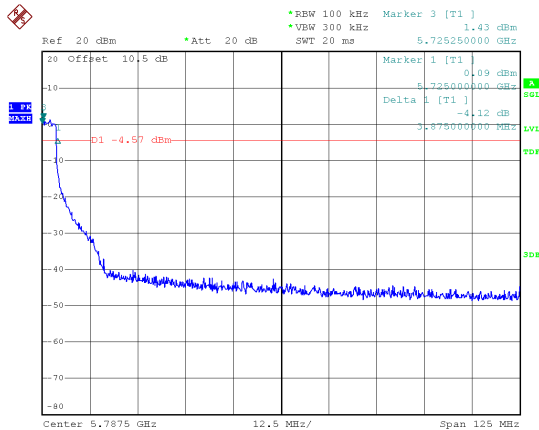
6dB Bandwidth,ANT A
Extends across 5725MHz Band, Straddle Channel
Modulation Type: 802.11a (6Mbps)
CH144



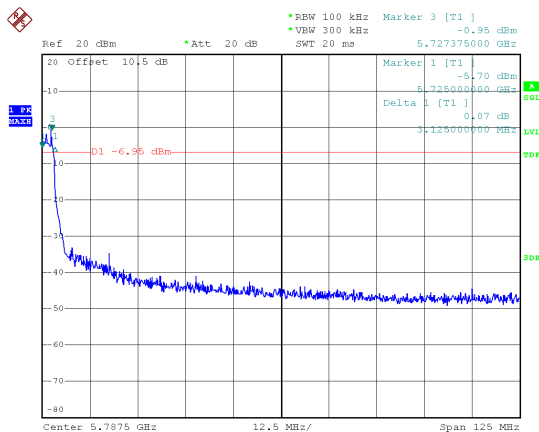
Modulation Type: 802.11ac VHT80 (29.3Mbps)
CH138



Modulation Type: 802.11ac VHT20 (6.5Mbps)
CH144

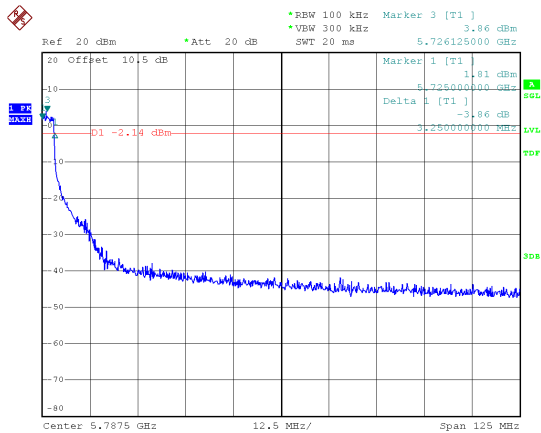


Modulation Type: 802.11ac VHT40 (29.3Mbps)
CH142

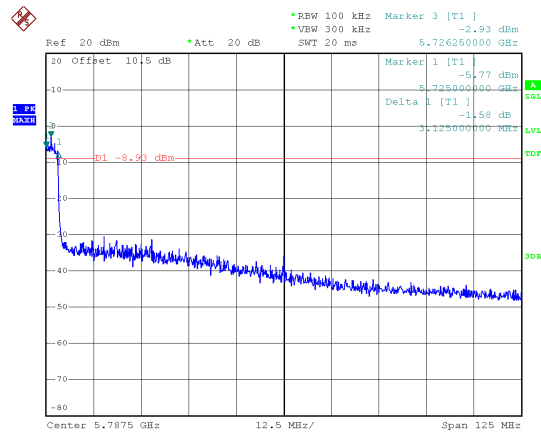




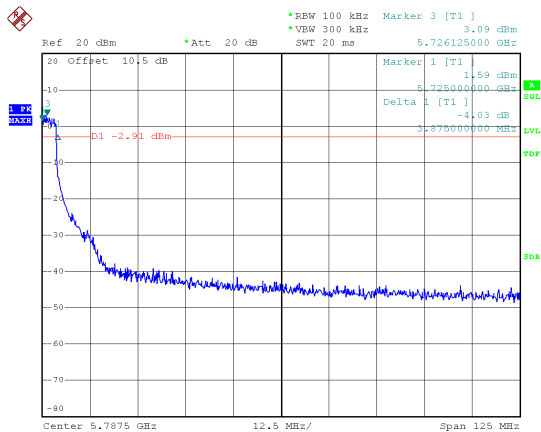
6dB Bandwidth,ANT B
Extends across 5725MHz Band, Straddle Channel
Modulation Type: 802.11a (6Mbps)
CH144



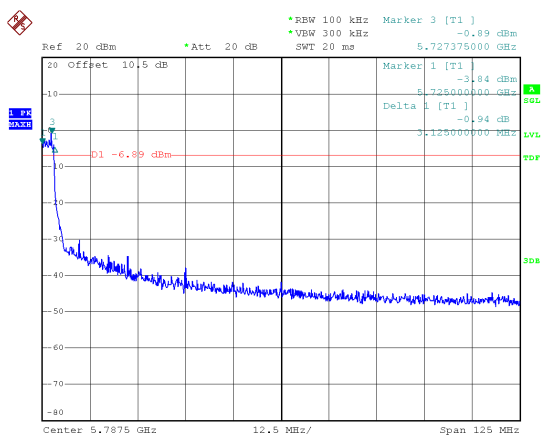
Modulation Type: 802.11ac VHT80 (29.3Mbps)
CH138



Modulation Type: 802.11ac VHT20 (6.5Mbps)
CH144

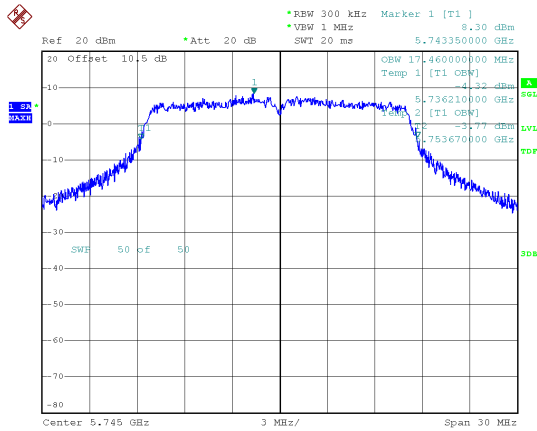


Modulation Type: 802.11ac VHT40 (29.3Mbps)
CH142

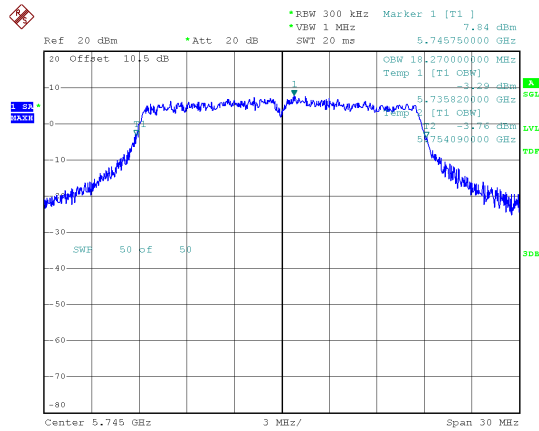




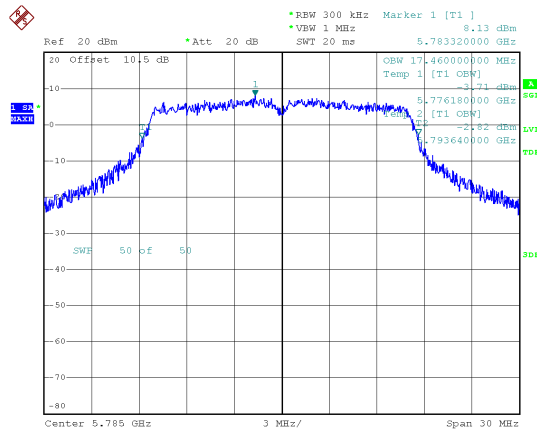
99% Occupied Bandwidth, ANT A
Modulation Type: 802.11a (6Mbps)
CH149



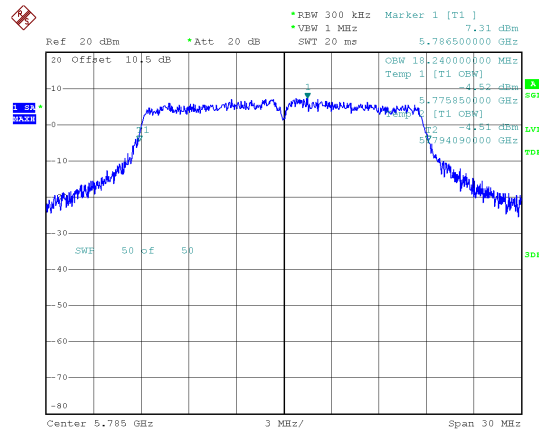
Modulation Type: 802.11ac, VHT20 (6.5Mbps)
CH149



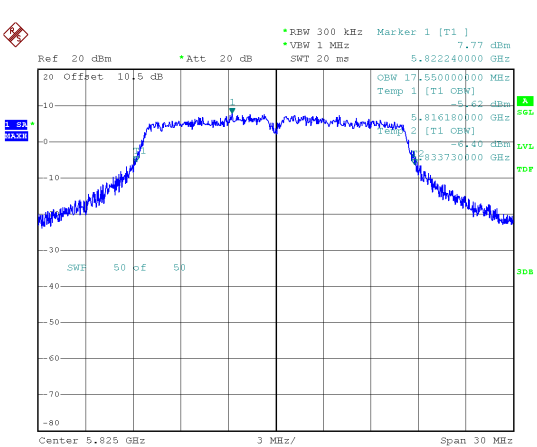
CH157



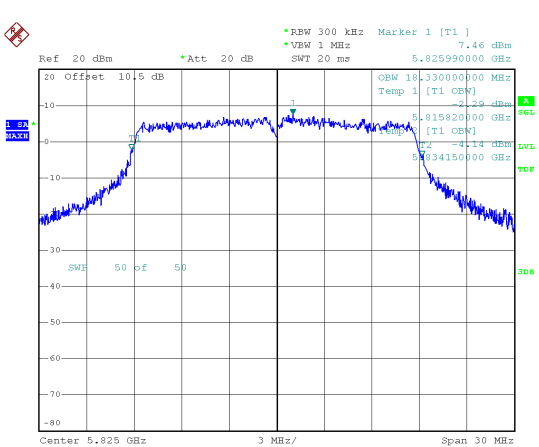
CH157



CH165

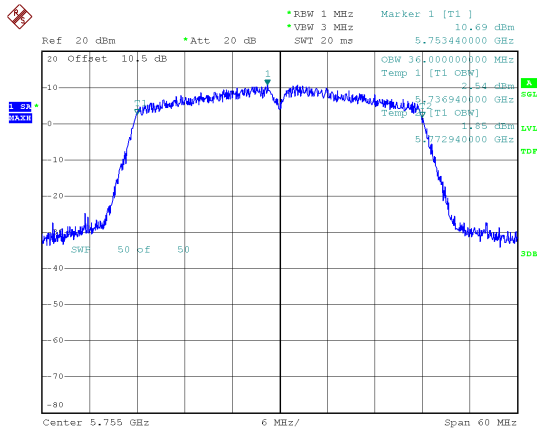
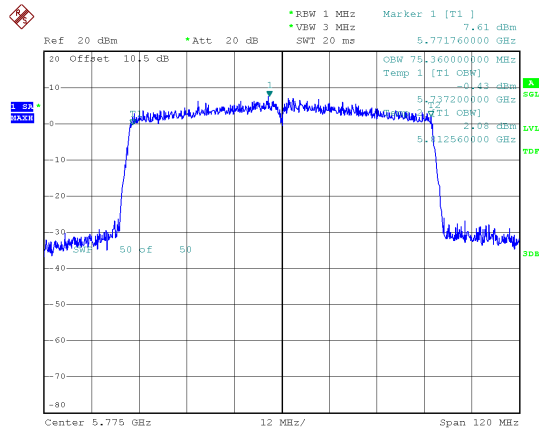


CH165

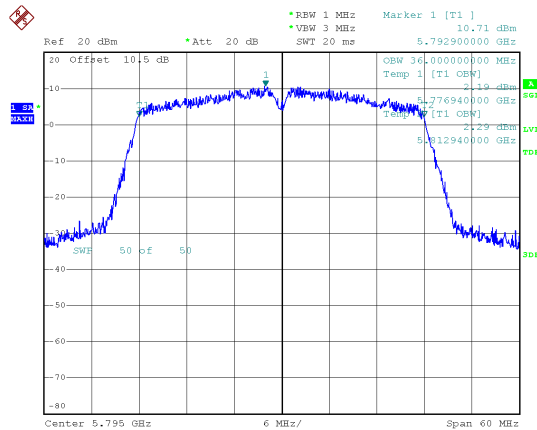




99% Occupied Bandwidth, ANT A

Modulation Type: 802.11ac, VHT40 (13.5Mbps)
CH151Modulation Type: 802.11ac, VHT80 (29.3Mbps)
CH155

CH159



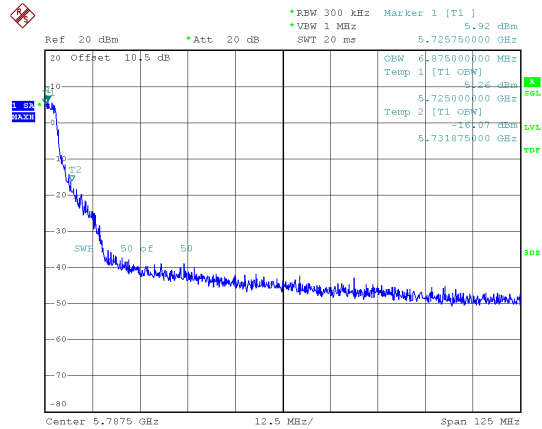
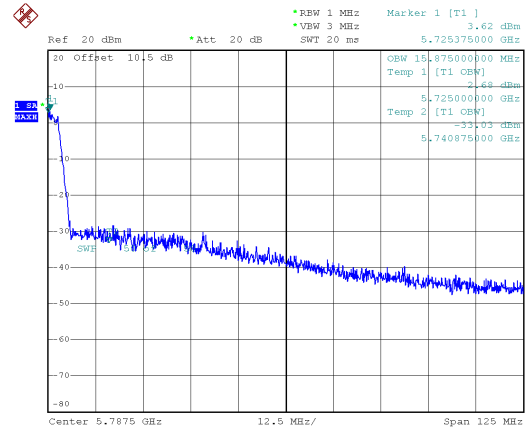
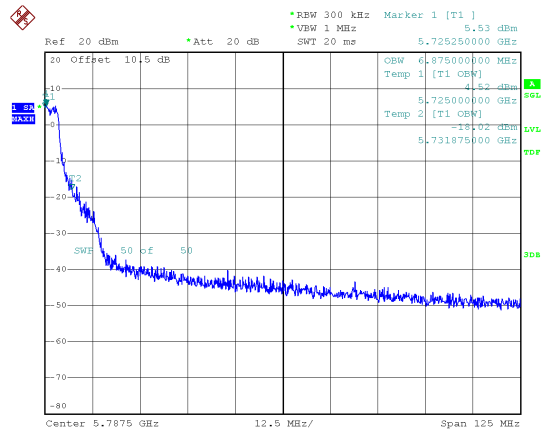
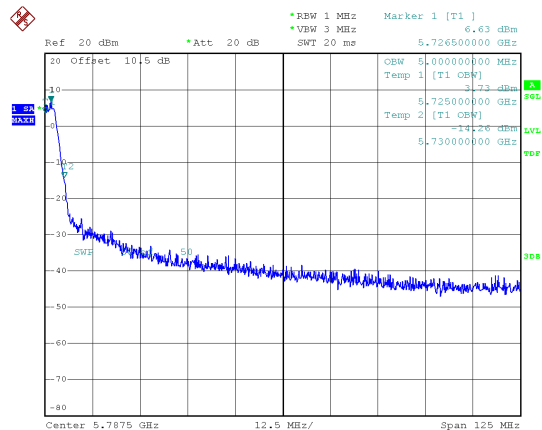






99% Bandwidth, ANT A

Extends across 5725MHz Band, Straddle Channel

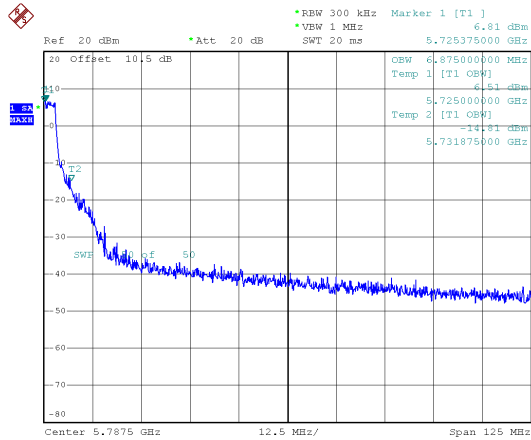
Modulation Type: 802.11a (6Mbps)
CH144Modulation Type: 802.11ac VHT80 (29.3Mbps)
CH138Modulation Type: 802.11ac VHT20 (6.5Mbps)
CH144Modulation Type: 802.11ac VHT40 (29.3Mbps)
CH142



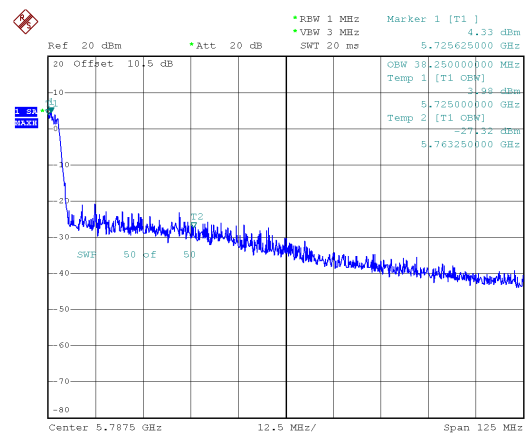
99% Bandwidth, ANT B

Extends across 5725MHz Band, Straddle Channel

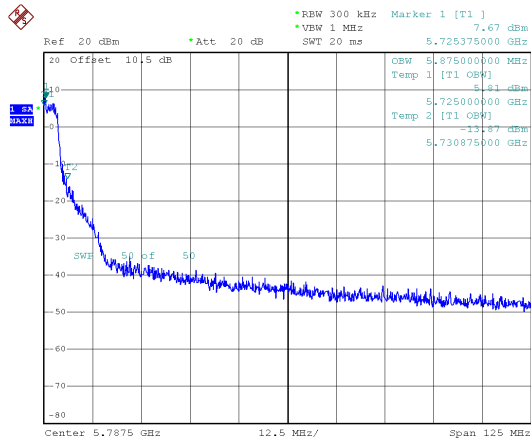
Modulation Type: 802.11a (6Mbps)
CH144



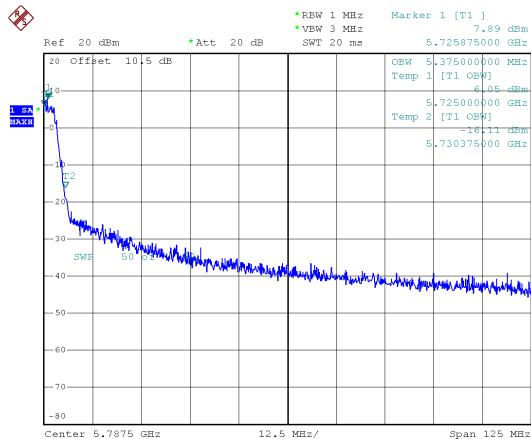
Modulation Type: 802.11ac VHT80 (29.3Mbps)
CH138



Modulation Type: 802.11ac VHT20 (6.5Mbps)
CH144



Modulation Type: 802.11ac VHT40 (29.3Mbps)
CH142





9. 26dB Bandwidth & 99% Occupied Bandwidth

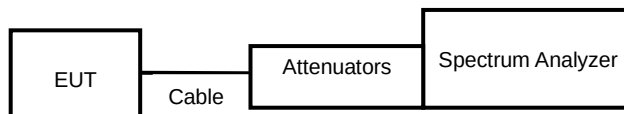
9.1. Test Limit

None; for reporting purposes only.

9.2. Test Procedure

Reference to 789033 D02 General UNII Test Procedures New Rules v01: The transmitter output is connected to a spectrum analyzer with the RBW = approximately 1% of the emission bandwidth, the VBW $\geq 3 \times$ RBW, peak detector and max hold.

9.3. Test Setup Layout



**9.4. Test Result and Data**

In the 5.2G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	
			ANT A	ANT B
11a	36	5180	26.6	26.35
11a	40	5200	26.15	26.45
11a	48	5240	20.6	20.9
11ac VHT20	36	5180	27.3	23.8
11ac VHT20	40	5200	27	23.85
11ac VHT20	48	5240	20.55	20.15
11ac VHT40	38	5190	41.1	41
11ac VHT40	46	5230	41.1	41.1
11ac VHT80	42	5210	80.64	119.36

In the 5.3G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	
			ANT A	ANT B
11a	52	5260	26.45	24.4
11a	60	5300	26.5	25.05
11a	64	5320	26.55	25
11ac VHT20	52	5260	27	23.45
11ac VHT20	60	5300	26.75	23.7
11ac VHT20	64	5320	27.45	23.8
11ac VHT40	54	5270	41.3	41
11ac VHT40	62	5310	41.2	41
11ac VHT80	58	5290	80.8	79.68



In the 5.5G Band

Mode	Channel	Frequency (MHz)	26dB Bandwidth(MHz)	
			ANT A	ANT B
11a	100	5500	26.2	25.2
11a	120	5600	27.05	24.55
11a	140	5700	26.4	24.5
11ac VHT20	100	5500	27.35	23.9
11ac VHT20	120	5600	27.5	24.15
11ac VHT20	140	5700	27.35	23.8
11ac VHT40	102	5510	41.2	41
11ac VHT40	118	5590	41.5	41
11ac VHT40	134	5670	41.2	41
11ac VHT80	106	5530	80.8	79.68
11ac VHT80	122	5610	80.64	79.84

UNII Emission Bandwidth Result (Within 5470-5725MHz band)

Modulation Type	Data Rate / MCS	Frequency (MHz)	26dB Bandwidth(MHz)	
			ANT A	ANT B
11a	6 Mbps	5720	18.36	17.09
11ac VHT20	NSS1-MCS0	5720	19.13	16.83
11ac VHT40	NSS1-MCS0	5710	35.45	35.19
11ac VHT80	NSS1-MCS0	5690	75.23	74.72



In the 5.2G Band

Mode	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
			ANT A	ANT B
11a	36	5180	17.55	17.19
11a	40	5200	17.52	17.22
11a	48	5240	16.74	16.59
11ac VHT20	36	5180	18.24	17.85
11ac VHT20	40	5200	18.30	17.85
11ac VHT20	48	5240	17.70	17.61
11ac VHT40	38	5190	36.00	36.12
11ac VHT40	46	5230	36.00	36.18
11ac VHT80	42	5210	75.24	75.84

In the 5.3G Band

Mode	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
			ANT A	ANT B
11a	52	5260	17.52	16.95
11a	60	5300	17.55	17.04
11a	64	5320	17.64	17.07
11ac VHT20	52	5260	18.27	17.85
11ac VHT20	60	5300	18.27	17.88
11ac VHT20	64	5320	18.27	17.85
11ac VHT40	54	5270	36.00	36.12
11ac VHT40	62	5310	36.00	36.06
11ac VHT80	58	5290	75.24	75.12



In the 5.5G Band

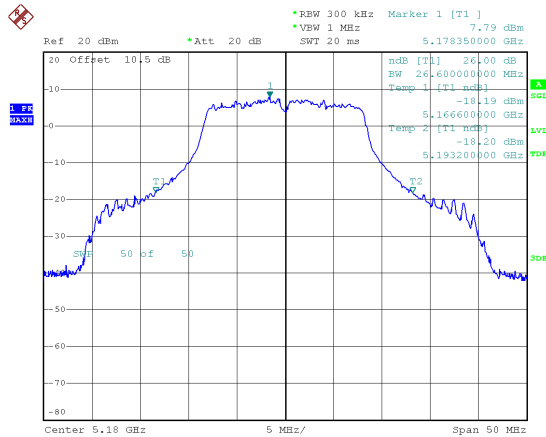
Mode	Channel	Frequency (MHz)	99% Bandwidth(MHz)	
			ANT A	ANT B
11a	100	5500	17.55	17.01
11a	120	5600	17.58	17.01
11a	140	5700	17.49	16.95
11ac VHT20	100	5500	18.30	17.91
11ac VHT20	120	5600	18.33	17.88
11ac VHT20	140	5700	18.21	17.85
11ac VHT40	102	5510	35.94	36.12
11ac VHT40	118	5590	36.06	36.06
11ac VHT40	134	5670	36.06	36.12
11ac VHT80	106	5530	75.24	75.12
11ac VHT80	122	5610	75.24	75.12

UNII Emission Bandwidth Result (Within 5470-5725MHz band)

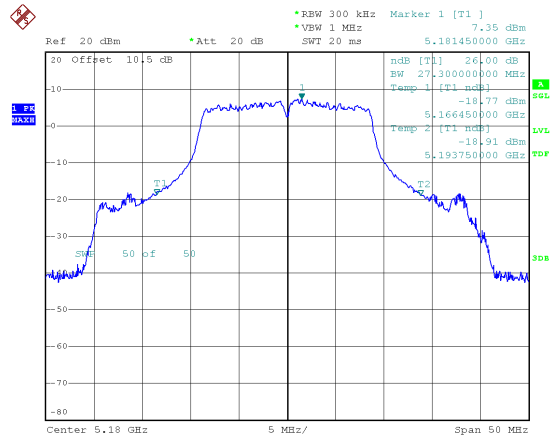
Modulation Type	Data Rate / MCS	Frequency (MHz)	99% Bandwidth(MHz)	
			ANT A	ANT B
11a	6 Mbps	5720	13.77	13.52
11ac VHT20	NSS1-MCS0	5720	14.54	14.03
11ac VHT40	NSS1-MCS0	5710	32.90	32.90
11ac VHT80	NSS1-MCS0	5690	72.42	72.42



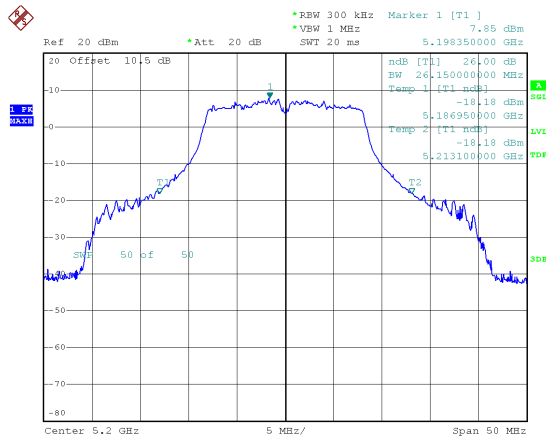
26dB Bandwidth, ANT A
Modulation Type: 802.11a (6Mbps)
CH36



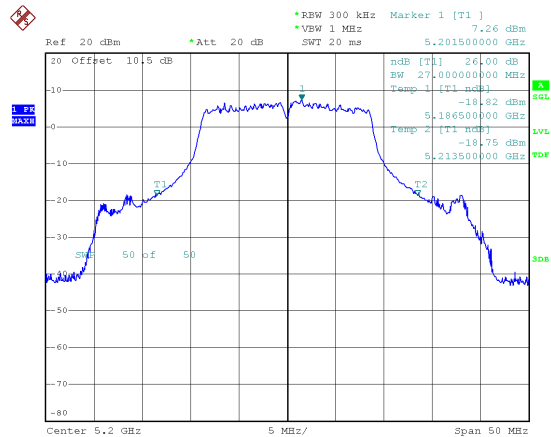
802.11ac VHT20 (6.5Mbps)
CH36



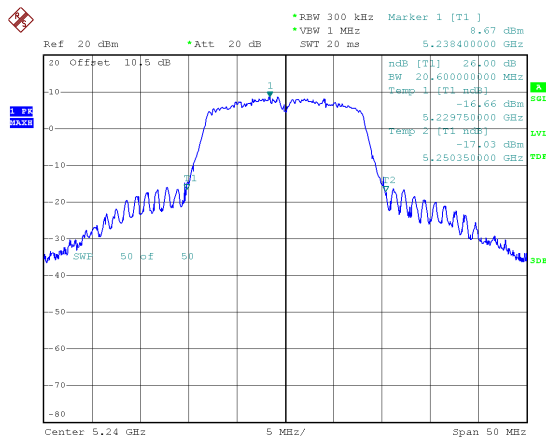
CH40



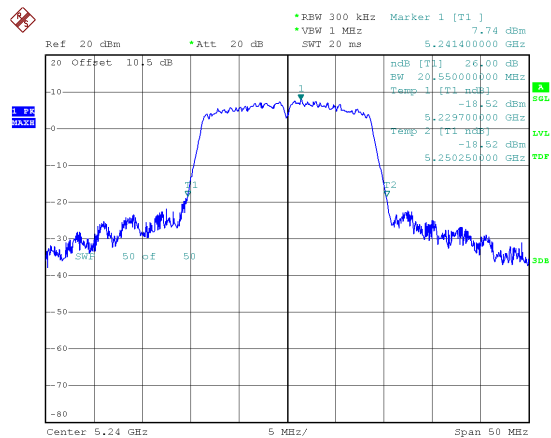
CH40



CH48

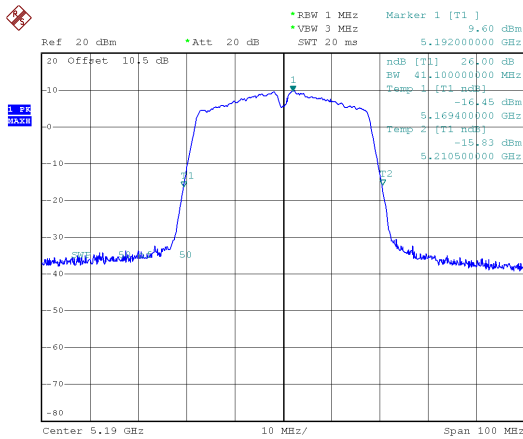
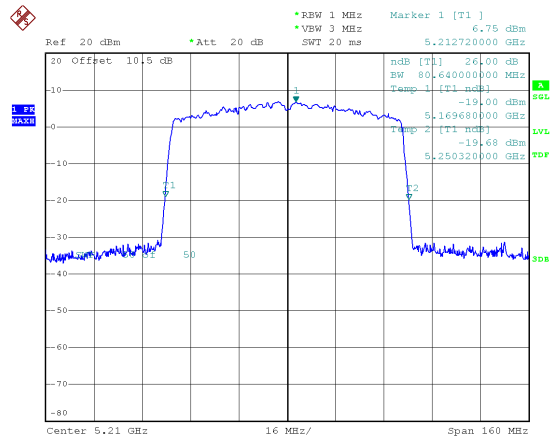


CH48

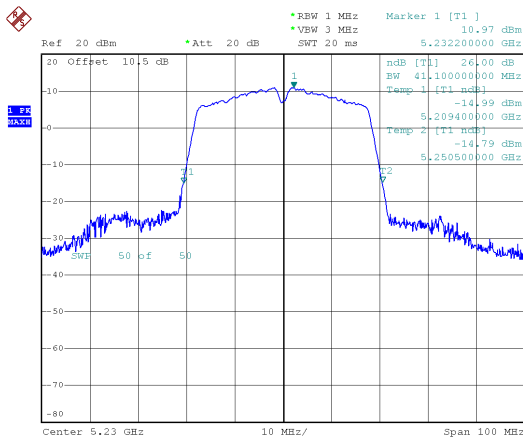




26dB Bandwidth, ANT A

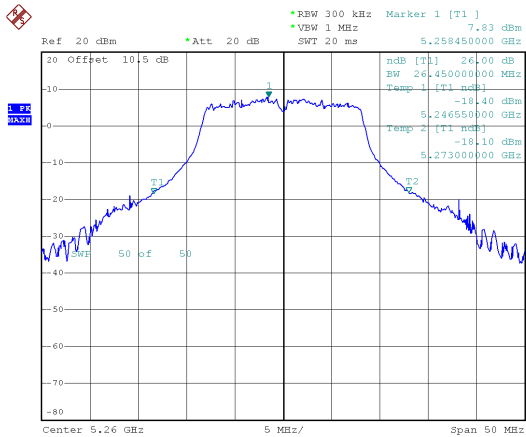
Modulation Type: 802.11ac VHT40 (13.5Mbps)
CH38Modulation Type: 802.11ac VHT80 (29.3Mbps)
CH42

CH46

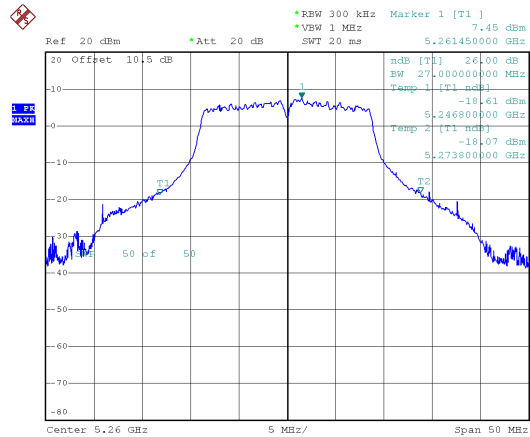




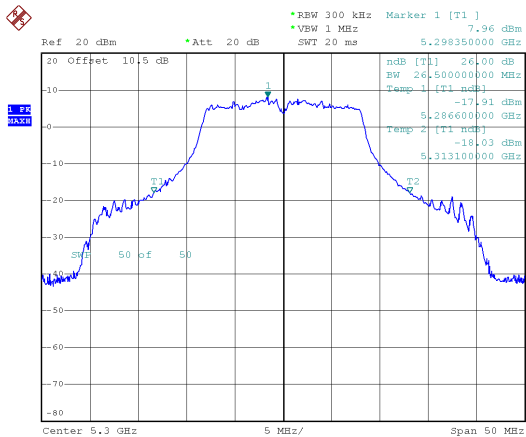
26dB Bandwidth, ANT A
Modulation Type: 802.11a (6Mbps)
CH52



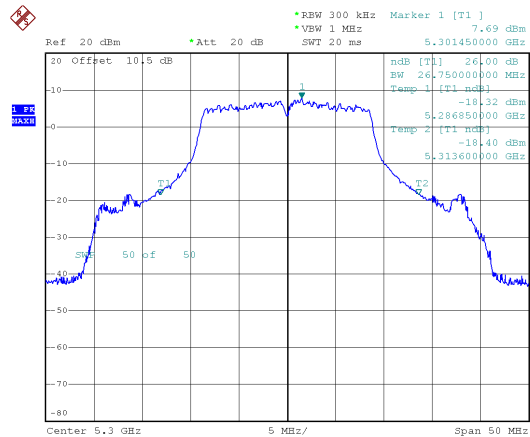
802.11ac VHT20 (6.5Mbps)
CH52



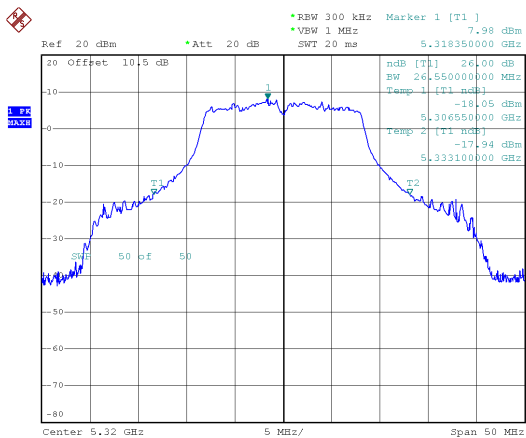
CH60



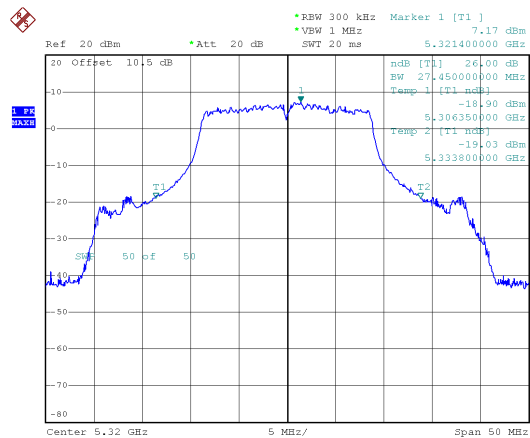
CH60



CH64

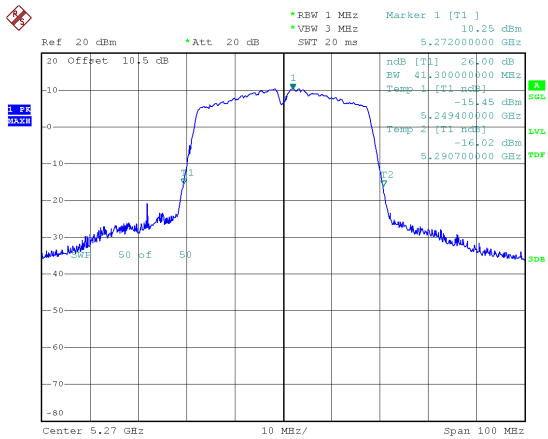
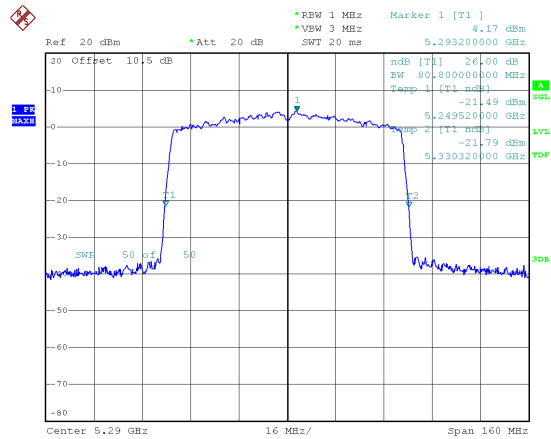


CH64

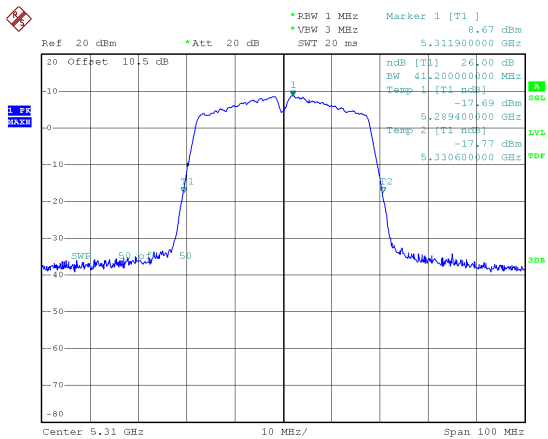




26dB Bandwidth, ANT A

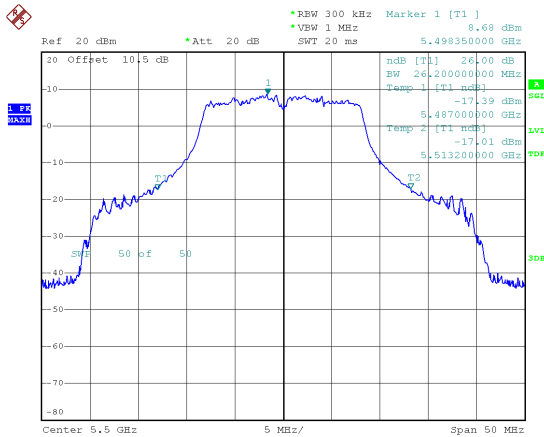
Modulation Type: 802.11ac VHT40 (13.5Mbps)
CH54Modulation Type: 802.11ac VHT80 (29.3Mbps)
CH58

CH62

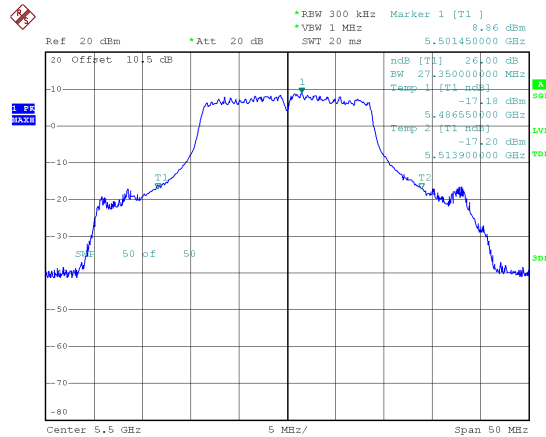




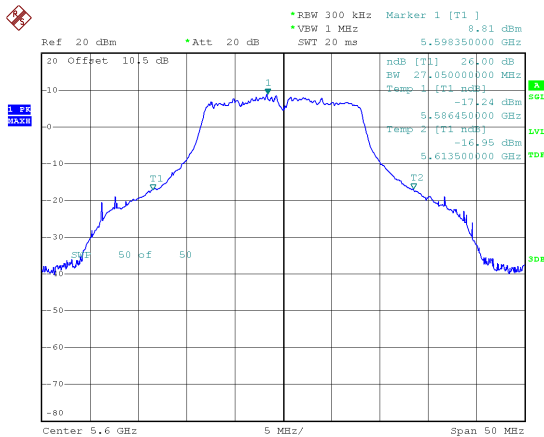
26dB Bandwidth, ANT A
Modulation Type: 802.11a (6Mbps)
CH100



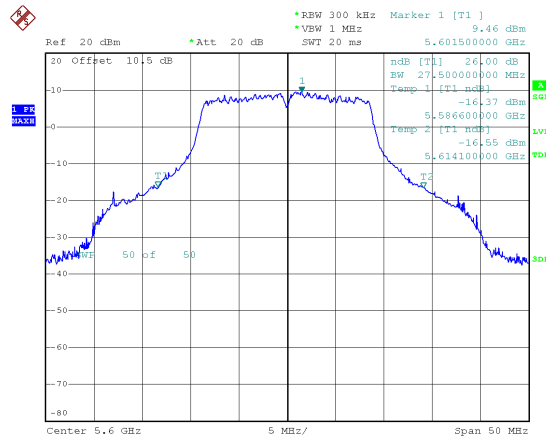
802.11ac VHT20 (6.5Mbps)
CH100



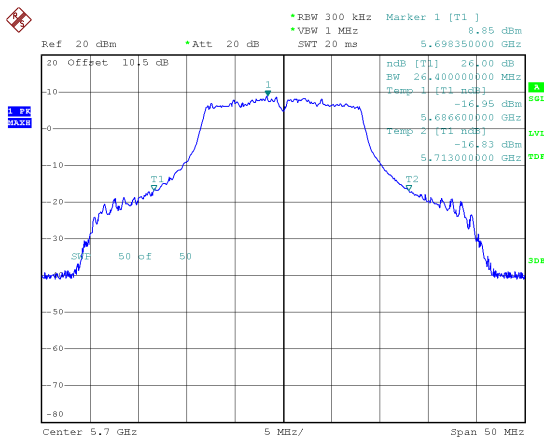
CH120



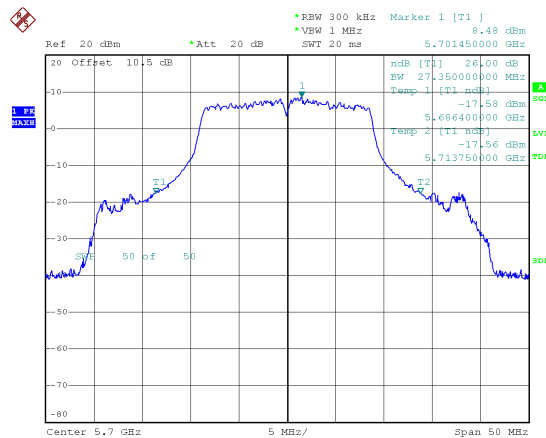
CH120



CH140

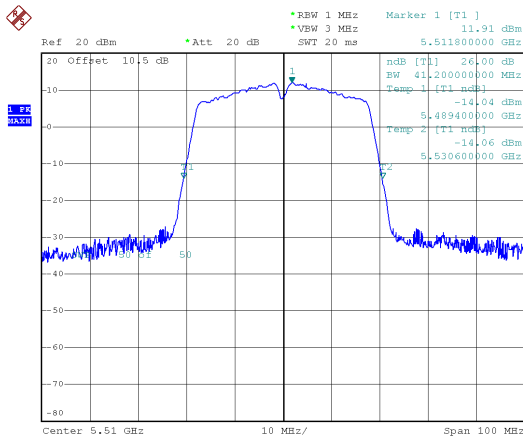
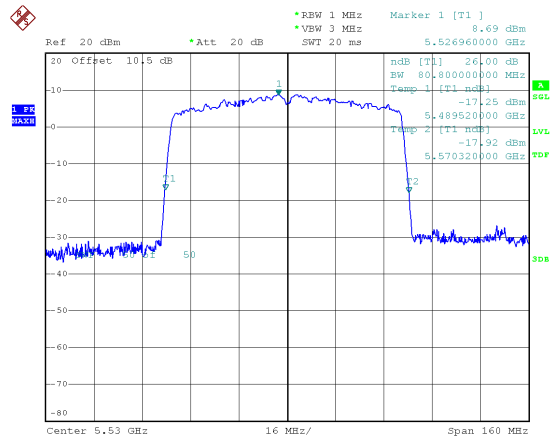


CH140

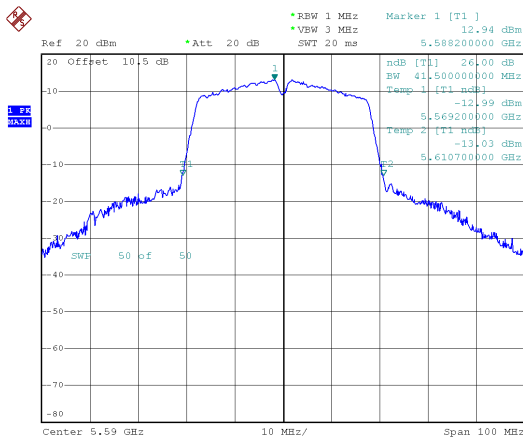




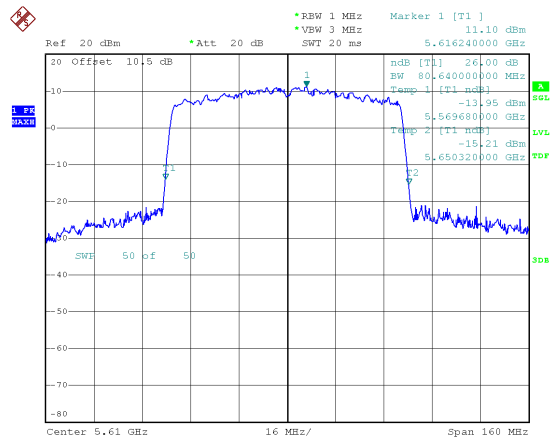
26dB Bandwidth, ANT A

Modulation Type: 802.11ac VHT40 (13.5Mbps)
CH102Modulation Type: 802.11ac VHT80 (29.3Mbps)
CH106

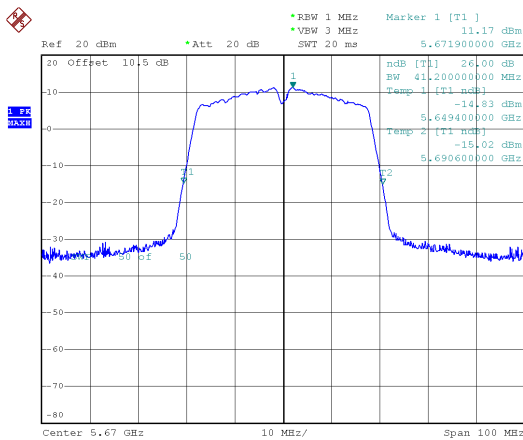
CH118



CH122

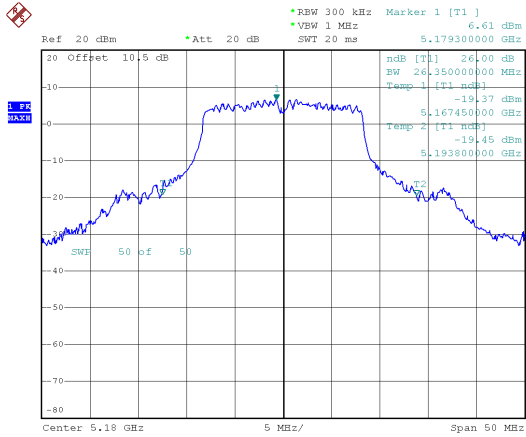


CH134

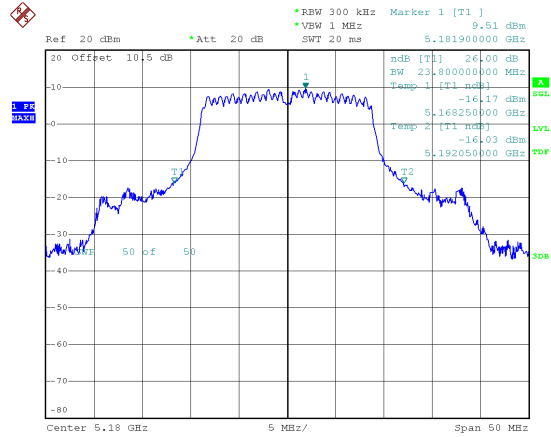




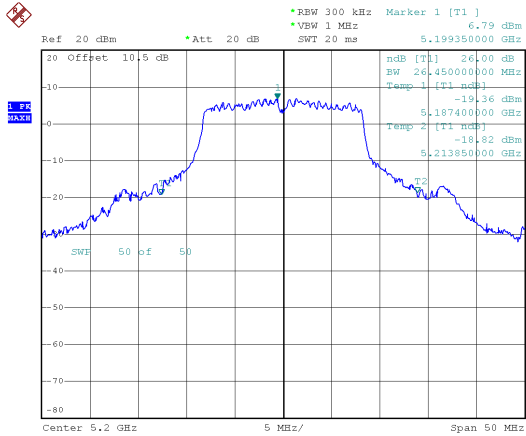
26dB Bandwidth, ANT B
Modulation Type: 802.11a (6Mbps)
CH36



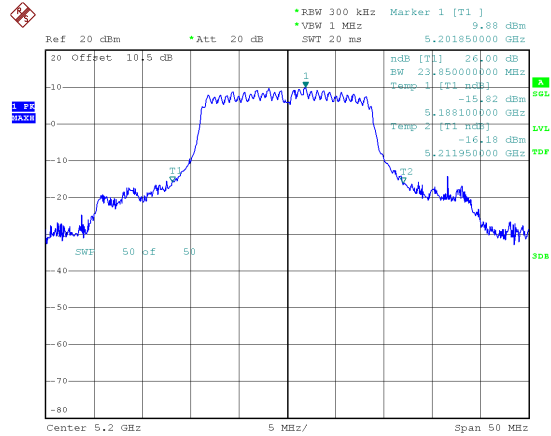
802.11ac VHT20 (6.5Mbps)
CH36



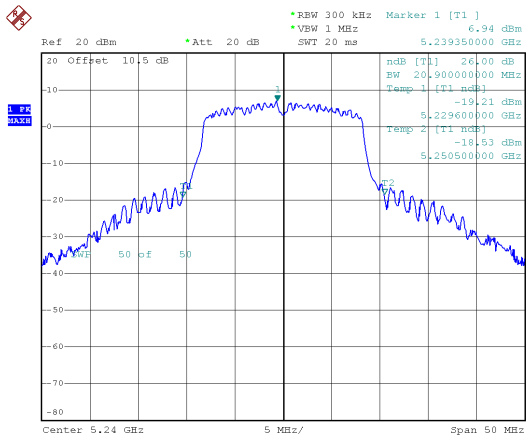
CH40



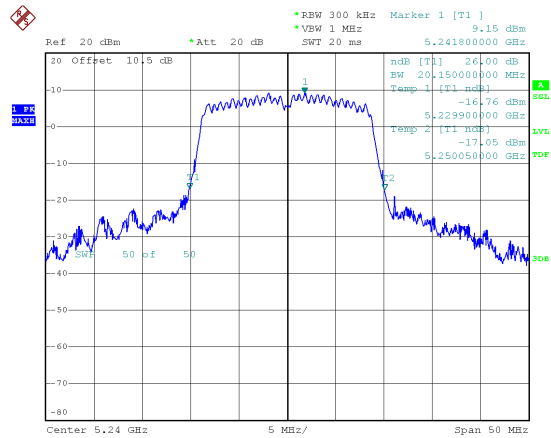
CH40



CH48

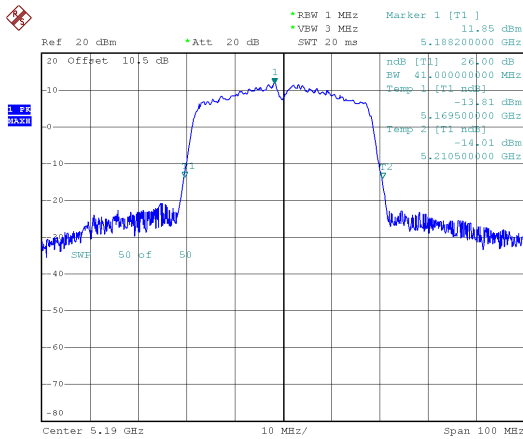
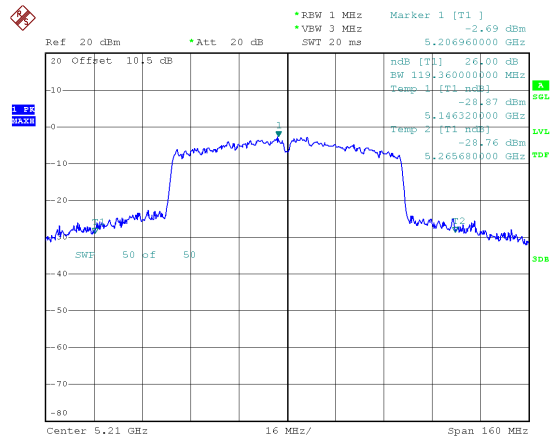


CH48

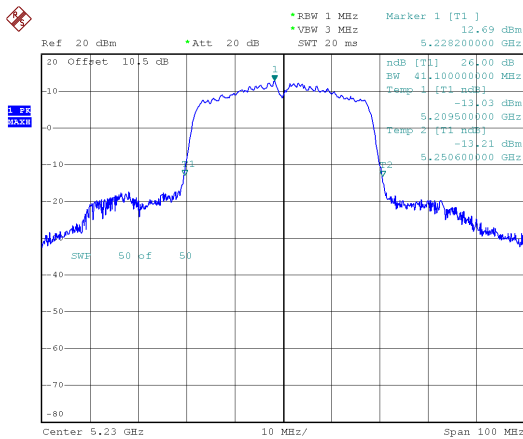




26dB Bandwidth, ANT B

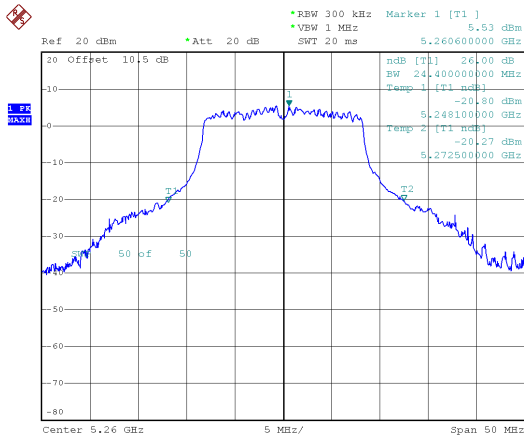
Modulation Type: 802.11ac VHT40 (13.5Mbps)
CH38Modulation Type: 802.11ac VHT80 (29.3Mbps)
CH42

CH46

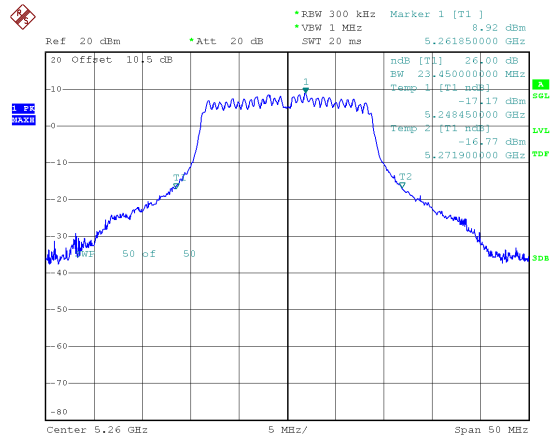




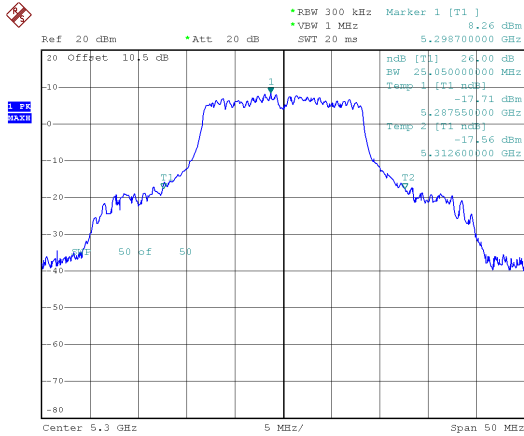
26dB Bandwidth, ANT B
Modulation Type: 802.11a (6Mbps)
CH52



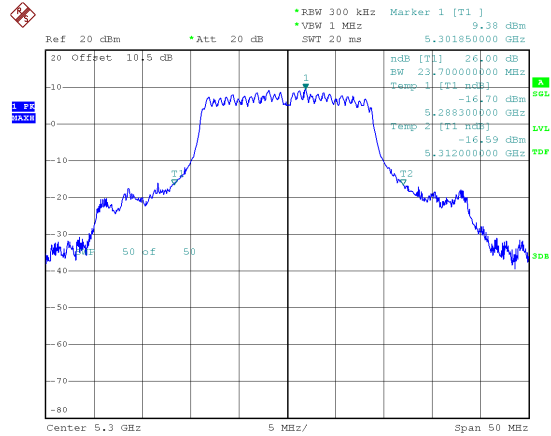
802.11ac VHT20 (6.5Mbps)
CH52



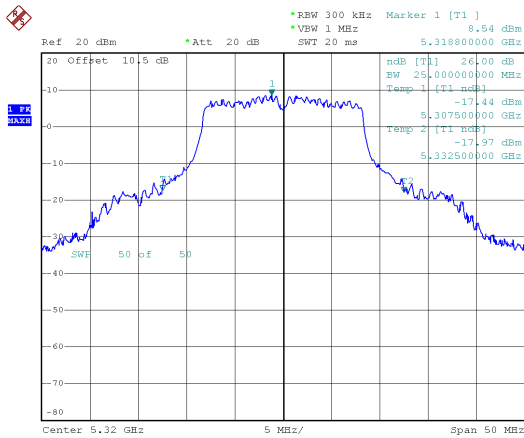
CH60



CH60



CH64



CH64

