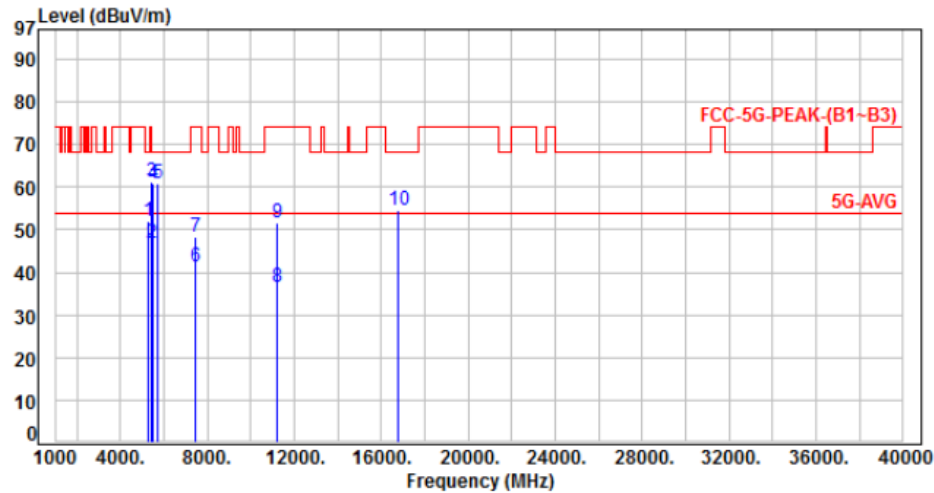




Power	: AC 120V / 60HZ	Pol/Phase	: VERTICAL
Test Mode	: Mode 2, Band 3, CH120		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5280.00	-7.43	59.58	52.15	68.20	-16.05	Peak	302	341	P
2	5460.00	-7.10	53.90	46.80	54.00	-7.20	Average	361	315	P
3	5460.00	-7.10	68.20	61.10	74.00	-12.90	Peak	361	315	P
4	5470.00	-7.08	67.95	60.87	68.20	-7.33	Peak	361	315	P
5	5725.00	-6.95	67.71	60.76	68.20	-7.44	Peak	361	315	P
6	7466.00	-3.46	44.82	41.36	54.00	-12.64	Average	352	349	P
7	7466.00	-3.46	51.63	48.17	74.00	-25.83	Peak	352	349	P
8	11200.00	0.76	35.90	36.66	54.00	-17.34	Average	232	331	P
9	11200.00	0.76	50.80	51.56	74.00	-22.44	Peak	232	331	P
10	16800.00	8.99	45.50	54.49	68.20	-13.71	Peak	100	29	P

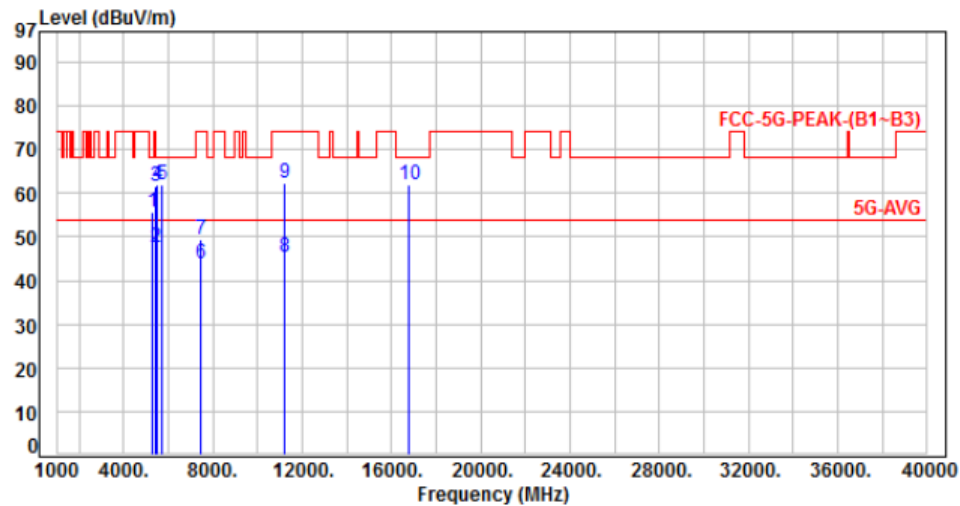
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60HZ	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 2, Band 3, CH120		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5280.00	-7.43	63.27	55.84	68.20	-12.36	Peak	112	85	P
2	5460.00	-7.10	54.60	47.50	54.00	-6.50	Average	234	72	P
3	5460.00	-7.10	68.70	61.60	74.00	-12.40	Peak	234	72	P
4	5470.00	-7.08	68.99	61.91	68.20	-6.29	Peak	234	72	P
5	5725.00	-6.95	68.81	61.86	68.20	-6.34	Peak	234	72	P
6	7466.00	-3.46	47.52	44.06	54.00	-9.94	Average	244	102	P
7	7466.00	-3.46	53.03	49.57	74.00	-24.43	Peak	244	102	P
8	11200.00	0.76	44.70	45.46	54.00	-8.54	Average	220	7	P
9	11200.00	0.76	61.50	62.26	74.00	-11.74	Peak	220	7	P
10	16800.00	8.99	52.80	61.79	68.20	-6.41	Peak	100	329	P

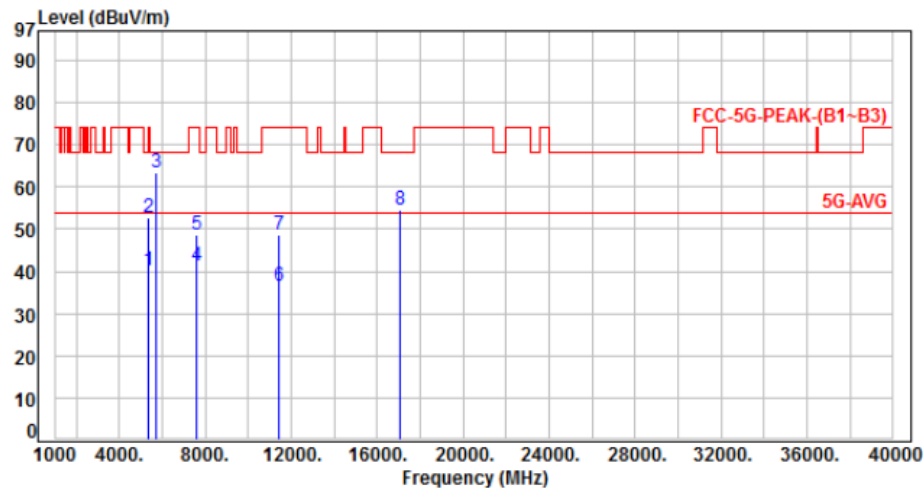
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60HZ	Pol/Phase	: VERTICAL
Test Mode	: Mode 2, Band 3, CH140		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5380.00	-7.25	47.55	40.30	54.00	-13.70	Average	351	344	P
2	5380.00	-7.25	59.87	52.62	74.00	-21.38	Peak	351	344	P
3	5725.00	-6.95	70.21	63.26	68.20	-4.94	Peak	143	317	P
4	7600.00	-3.28	44.51	41.23	54.00	-12.77	Average	328	334	P
5	7600.00	-3.28	51.88	48.60	74.00	-25.40	Peak	328	334	P
6	11400.00	1.05	35.30	36.35	54.00	-17.65	Average	244	330	P
7	11400.00	1.05	47.50	48.55	74.00	-25.45	Peak	244	330	P
8	17100.00	10.79	43.70	54.49	68.20	-13.71	Peak	100	35	P

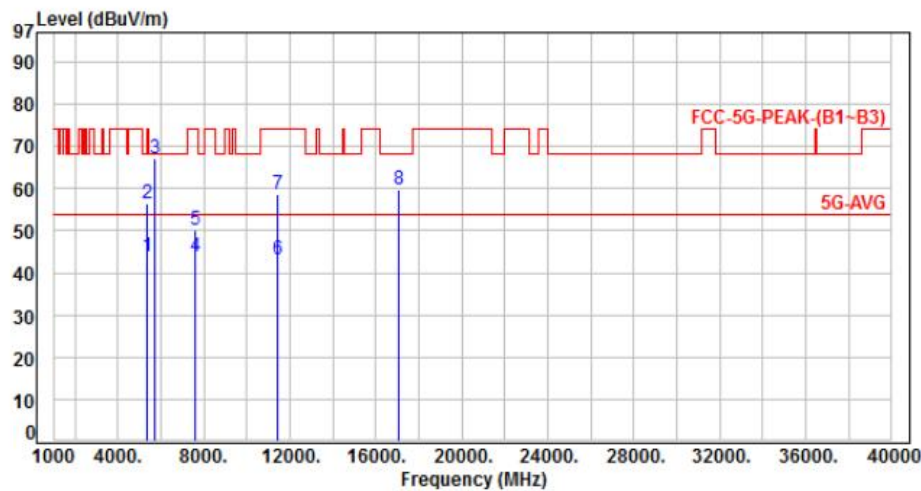
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60HZ	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 2, Band 3, CH140		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5380.00	-7.25	51.23	43.98	54.00	-10.02	Average	100	83	P
2	5380.00	-7.25	63.54	56.29	74.00	-17.71	Peak	100	83	P
3	5725.00	-6.95	74.01	67.06	68.20	-1.14	Peak	229	78	P
4	7600.00	-3.28	47.31	44.03	54.00	-9.97	Average	200	99	P
5	7600.00	-3.28	53.46	50.18	74.00	-23.82	Peak	200	99	P
6	11400.00	1.05	42.10	43.15	54.00	-10.85	Average	225	14	P
7	11400.00	1.05	57.60	58.65	74.00	-15.35	Peak	225	14	P
8	17100.00	10.79	48.80	59.59	68.20	-8.61	Peak	159	350	P

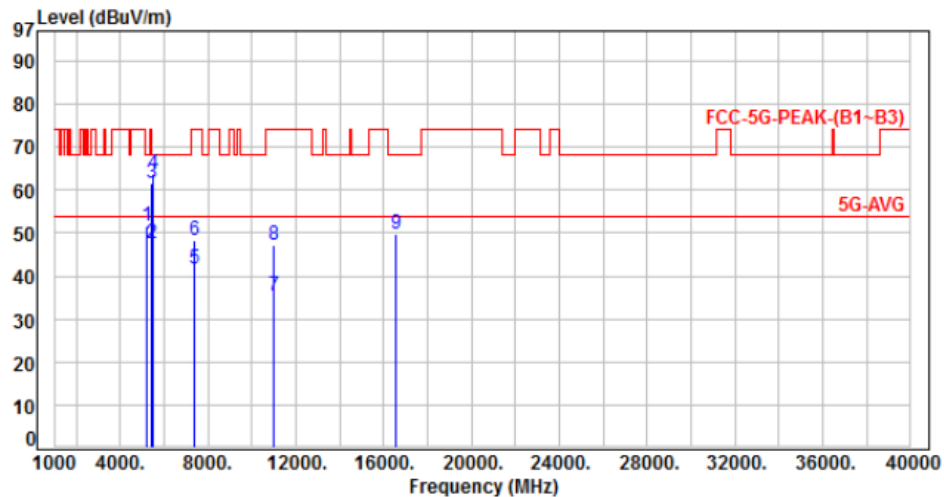
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60HZ	Pol/Phase	: VERTICAL
Test Mode	: Mode 3, Band 3, CH102		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5190.00	-7.60	59.21	51.61	68.20	-16.59	Peak	280	333	P
2	5460.00	-7.10	54.80	47.70	54.00	-6.30	Average	100	162	P
3	5460.00	-7.10	68.60	61.50	74.00	-12.50	Peak	100	162	P
4	5470.00	-7.08	70.90	63.82	68.20	-4.38	Peak	100	162	P
5	7347.00	-3.77	45.50	41.73	54.00	-12.27	Average	100	30	P
6	7347.00	-3.77	51.90	48.13	74.00	-25.87	Peak	100	30	P
7	11020.00	0.49	34.90	35.39	54.00	-18.61	Average	211	334	P
8	11020.00	0.49	46.80	47.29	74.00	-26.71	Peak	211	334	P
9	16530.00	7.43	42.32	49.75	68.20	-18.45	Peak	100	126	P

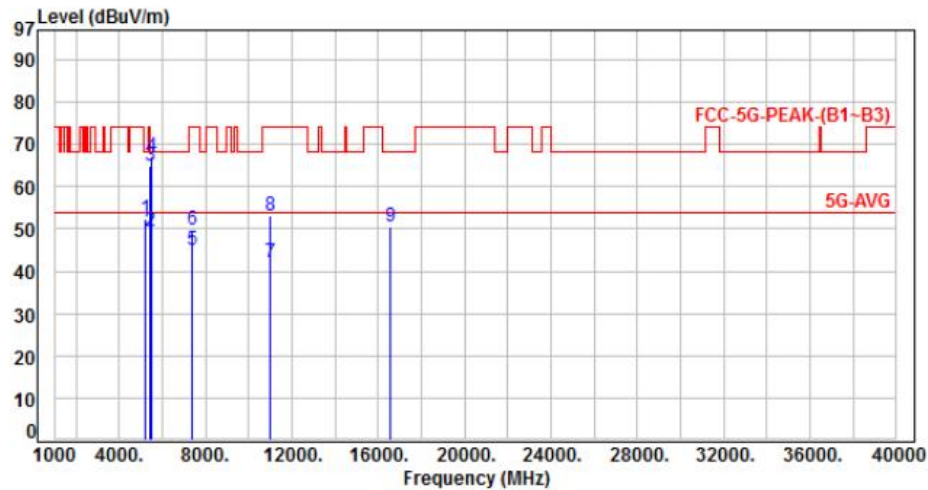
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60HZ	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 3, Band 3, CH102		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5190.00	-7.60	60.10	52.50	68.20	-15.70	Peak	206	72	P
2	5460.00	-7.10	56.50	49.40	54.00	-4.60	Average	100	244	P
3	5460.00	-7.10	72.10	65.00	74.00	-9.00	Peak	100	244	P
4	5470.00	-7.08	74.18	67.10	68.20	-1.10	Peak	100	244	P
5	7347.00	-3.77	48.81	45.04	54.00	-8.96	Average	240	104	P
6	7347.00	-3.77	53.41	49.64	74.00	-24.36	Peak	240	104	P
7	11020.00	0.49	41.56	42.05	54.00	-11.95	Average	220	12	P
8	11020.00	0.49	52.60	53.09	74.00	-20.91	Peak	220	12	P
9	16530.00	7.43	43.21	50.64	68.20	-17.56	Peak	105	332	P

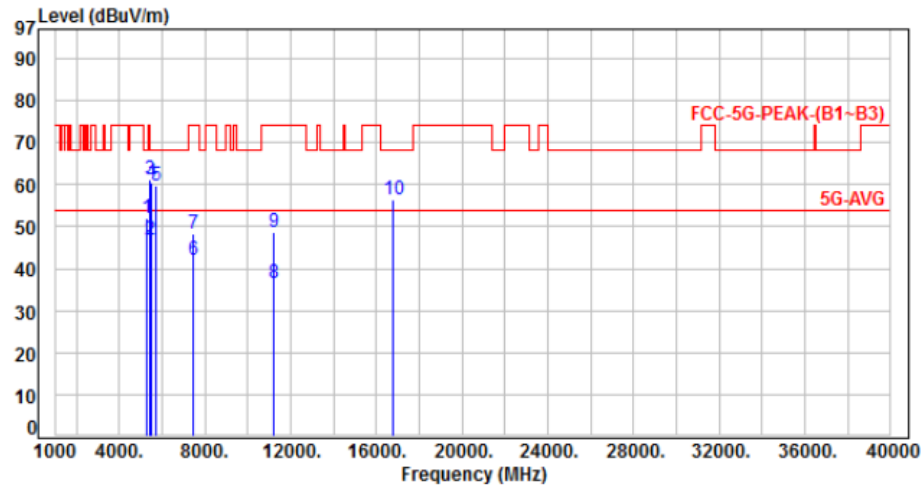
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60HZ	Pol/Phase	: VERTICAL
Test Mode	: Mode 3, Band 3, CH118		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5270.00	-7.45	59.58	52.13	68.20	-16.07	Peak	293	308	P
2	5460.00	-7.10	53.80	46.70	54.00	-7.30	Average	333	314	P
3	5460.00	-7.10	68.26	61.16	74.00	-12.84	Peak	333	314	P
4	5470.00	-7.08	67.60	60.52	68.20	-7.68	Peak	333	314	P
5	5725.00	-6.95	66.61	59.66	68.20	-8.54	Peak	333	314	P
6	7451.00	-3.49	45.37	41.88	54.00	-12.12	Average	106	73	P
7	7451.00	-3.49	51.68	48.19	74.00	-25.81	Peak	106	73	P
8	11180.00	0.72	35.81	36.53	54.00	-17.47	Average	220	320	P
9	11180.00	0.72	47.81	48.53	74.00	-25.47	Peak	220	320	P
10	16770.00	8.83	47.59	56.42	68.20	-11.78	Peak	201	330	P

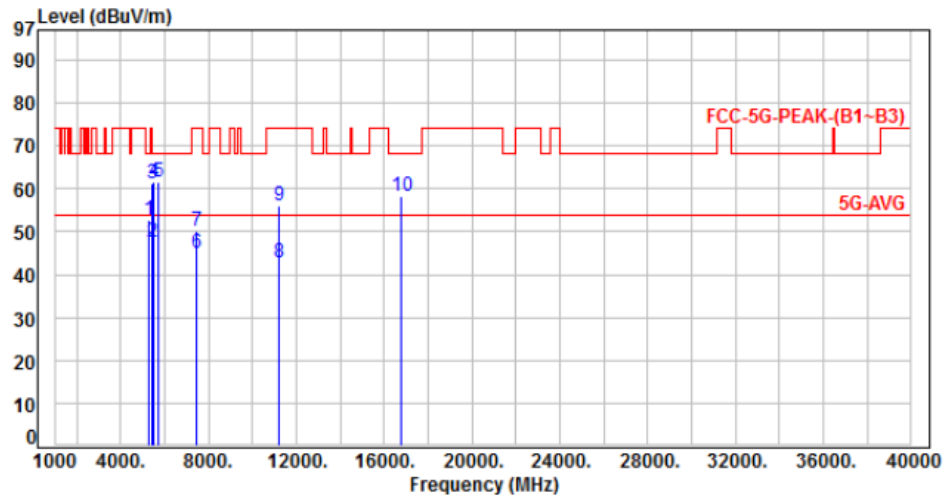
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60HZ	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 3, Band 3, CH118		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5270.00	-7.45	60.22	52.77	68.20	-15.43	Peak	214	93	P
2	5460.00	-7.10	54.78	47.68	54.00	-6.32	Average	230	75	P
3	5460.00	-7.10	68.20	61.10	74.00	-12.90	Peak	230	75	P
4	5470.00	-7.08	68.80	61.72	68.20	-6.48	Peak	230	75	P
5	5725.00	-6.95	68.41	61.46	68.20	-6.74	Peak	230	75	P
6	7451.00	-3.49	48.61	45.12	54.00	-8.88	Average	233	120	P
7	7451.00	-3.49	53.55	50.06	74.00	-23.94	Peak	233	120	P
8	11180.00	0.72	42.12	42.84	54.00	-11.16	Average	228	38	P
9	11180.00	0.72	55.31	56.03	74.00	-17.97	Peak	228	38	P
10	16770.00	8.83	49.29	58.12	68.20	-10.08	Peak	100	329	P

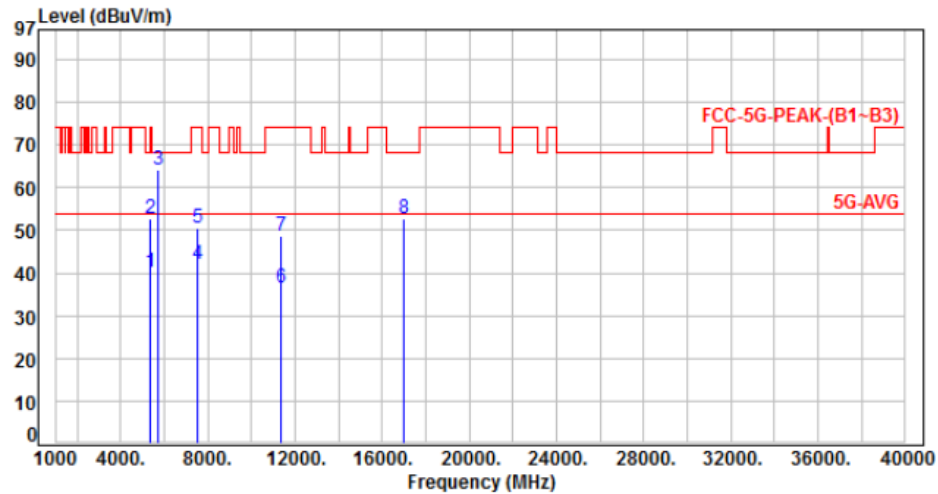
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60HZ	Pol/Phase	: VERTICAL
Test Mode	: Mode 3, Band 3, CH134		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5350.00	-7.30	47.42	40.12	54.00	-13.88	Average	342	315	P
2	5350.00	-7.30	59.88	52.58	74.00	-21.42	Peak	342	315	P
3	5725.00	-6.95	71.21	64.26	68.20	-3.94	Peak	285	324	P
4	7558.00	-3.31	45.46	42.15	54.00	-11.85	Average	100	81	P
5	7558.00	-3.31	53.88	50.57	74.00	-23.43	Peak	100	81	P
6	11340.00	0.96	35.40	36.36	54.00	-17.64	Average	229	327	P
7	11340.00	0.96	47.80	48.76	74.00	-25.24	Peak	229	327	P
8	17010.00	10.22	42.50	52.72	68.20	-15.48	Peak	232	30	P

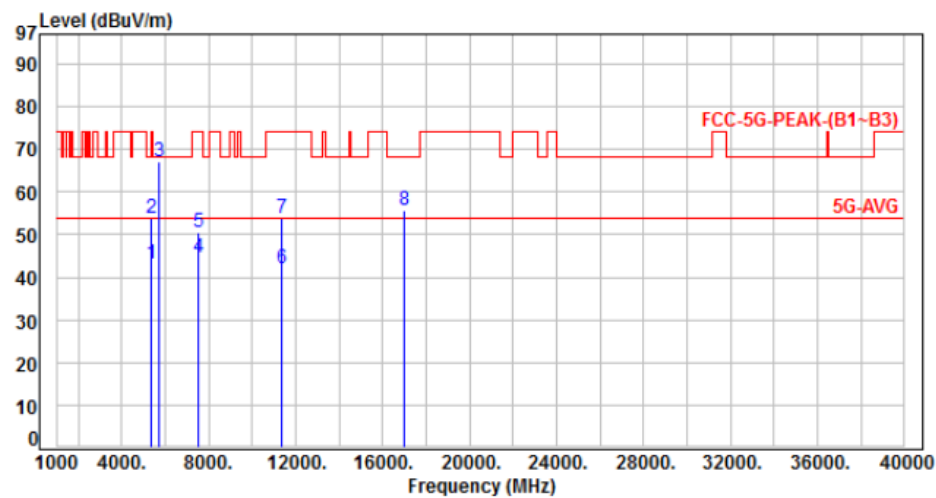
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60HZ	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 3, Band 3, CH134		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5350.00	-7.30	50.34	43.04	54.00	-10.96	Average	212	100	P
2	5350.00	-7.30	61.22	53.92	74.00	-20.08	Peak	212	100	P
3	5725.00	-6.95	74.11	67.16	68.20	-1.04	Peak	233	99	P
4	7558.00	-3.31	48.06	44.75	54.00	-9.25	Average	233	142	P
5	7558.00	-3.31	53.68	50.37	74.00	-23.63	Peak	233	142	P
6	11340.00	0.96	41.20	42.16	54.00	-11.84	Average	235	10	P
7	11340.00	0.96	52.80	53.76	74.00	-20.24	Peak	235	10	P
8	17010.00	10.22	45.49	55.71	68.20	-12.49	Peak	100	331	P

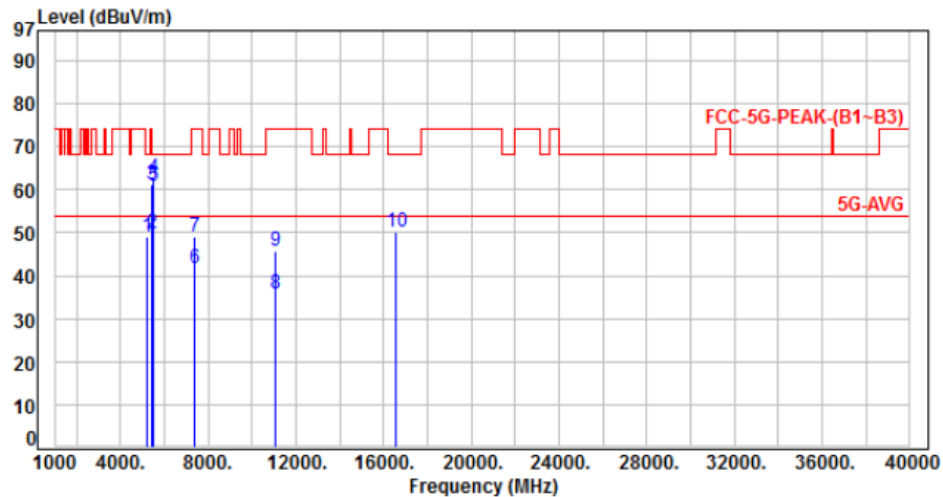
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60HZ	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 3, CH106		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5210.00	-7.57	56.60	49.03	68.20	-19.17	Peak	100	328	P
2	5460.00	-7.10	56.90	49.80	54.00	-4.20	Average	100	166	P
3	5460.00	-7.10	68.20	61.10	74.00	-12.90	Peak	100	166	P
4	5465.00	-7.09	69.70	62.61	68.20	-5.59	Peak	100	166	P
5	5470.00	-7.08	67.80	60.72	68.20	-7.48	Peak	100	166	P
6	7373.00	-3.70	45.20	41.50	54.00	-12.50	Average	100	30	P
7	7373.00	-3.70	52.66	48.96	74.00	-25.04	Peak	100	30	P
8	11060.00	0.55	35.33	35.88	54.00	-18.12	Average	145	331	P
9	11060.00	0.55	45.11	45.66	74.00	-28.34	Peak	145	331	P
10	16590.00	7.78	42.51	50.29	68.20	-17.91	Peak	100	112	P

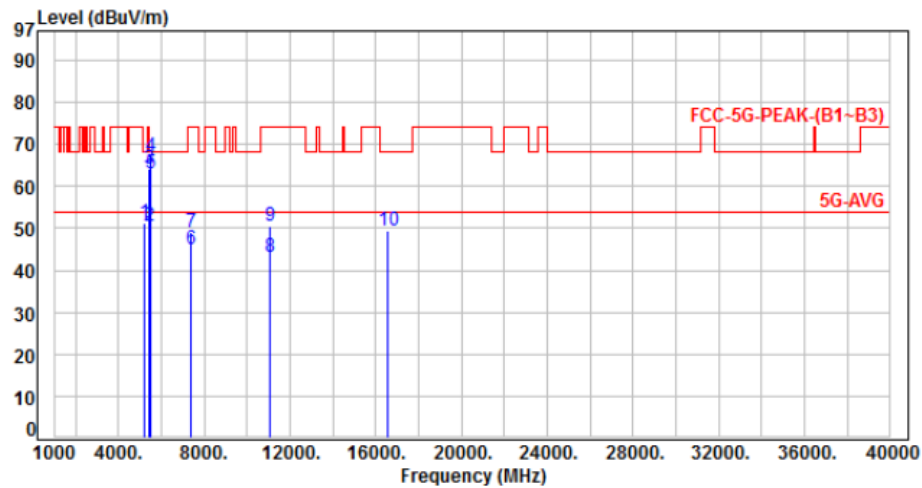
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60HZ	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 3, CH106		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5210.00	-7.57	58.80	51.23	68.20	-16.97	Peak	220	78	P
2	5460.00	-7.10	57.70	50.60	54.00	-3.40	Average	100	250	P
3	5460.00	-7.10	71.20	64.10	74.00	-9.90	Peak	100	250	P
4	5465.00	-7.09	74.21	67.12	68.20	-1.08	Peak	100	250	P
5	5470.00	-7.08	70.20	63.12	68.20	-5.08	Peak	100	250	P
6	7373.00	-3.70	48.70	45.00	54.00	-9.00	Average	213	106	P
7	7373.00	-3.70	52.90	49.20	74.00	-24.80	Peak	213	106	P
8	11060.00	0.55	42.70	43.25	54.00	-10.75	Average	220	42	P
9	11060.00	0.55	49.80	50.35	74.00	-23.65	Peak	220	42	P
10	16590.00	7.78	41.55	49.33	68.20	-18.87	Peak	100	327	P

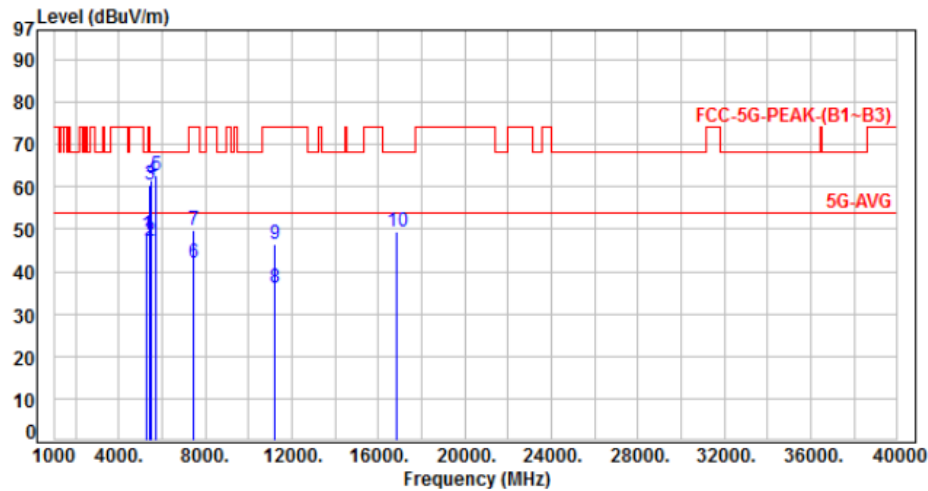
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60HZ	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 3, CH122		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5290.00	-7.41	56.11	48.70	68.20	-19.50	Peak	100	328	P
2	5460.00	-7.10	54.20	47.10	54.00	-6.90	Average	317	326	P
3	5460.00	-7.10	67.60	60.50	74.00	-13.50	Peak	317	326	P
4	5470.00	-7.08	68.80	61.72	68.20	-6.48	Peak	317	326	P
5	5725.00	-6.95	69.81	62.86	68.20	-5.34	Peak	317	326	P
6	7478.00	-3.42	45.61	42.19	54.00	-11.81	Average	100	50	P
7	7478.00	-3.42	53.24	49.82	74.00	-24.18	Peak	100	50	P
8	11220.00	0.79	35.40	36.19	54.00	-17.81	Average	236	334	P
9	11220.00	0.79	45.70	46.49	74.00	-27.51	Peak	236	334	P
10	16830.00	9.16	40.34	49.50	68.20	-18.70	Peak	100	25	P

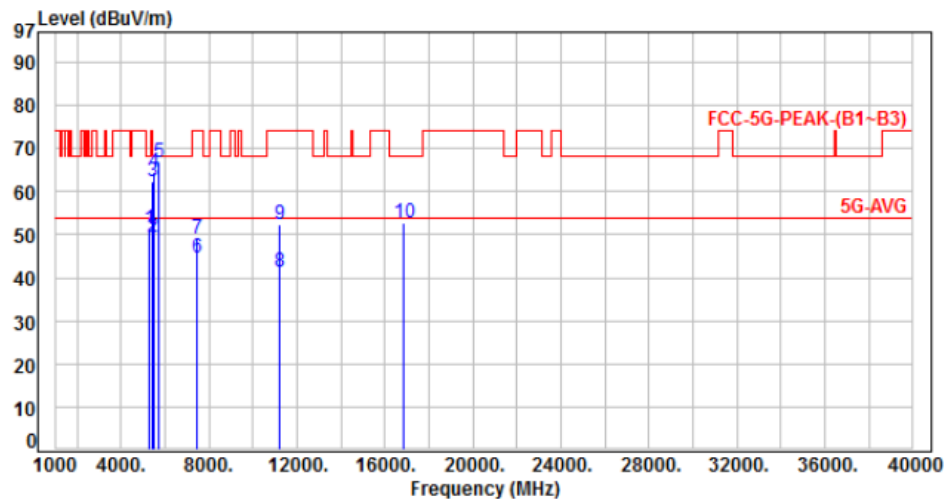
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 120V / 60HZ	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 3, CH122		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5290.00	-7.41	58.66	51.25	68.20	-16.95	Peak	229	107	P
2	5460.00	-7.10	56.50	49.40	54.00	-4.60	Average	231	79	P
3	5460.00	-7.10	69.60	62.50	74.00	-11.50	Peak	231	79	P
4	5470.00	-7.08	71.60	64.52	68.20	-3.68	Peak	231	79	P
5	5725.00	-6.95	73.81	66.86	68.20	-1.34	Peak	231	79	P
6	7478.00	-3.42	48.06	44.64	54.00	-9.36	Average	211	105	P
7	7478.00	-3.42	52.64	49.22	74.00	-24.78	Peak	211	105	P
8	11220.00	0.79	40.60	41.39	54.00	-12.61	Average	214	15	P
9	11220.00	0.79	51.50	52.29	74.00	-21.71	Peak	214	15	P
10	16830.00	9.16	43.51	52.67	68.20	-15.53	Peak	100	330	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



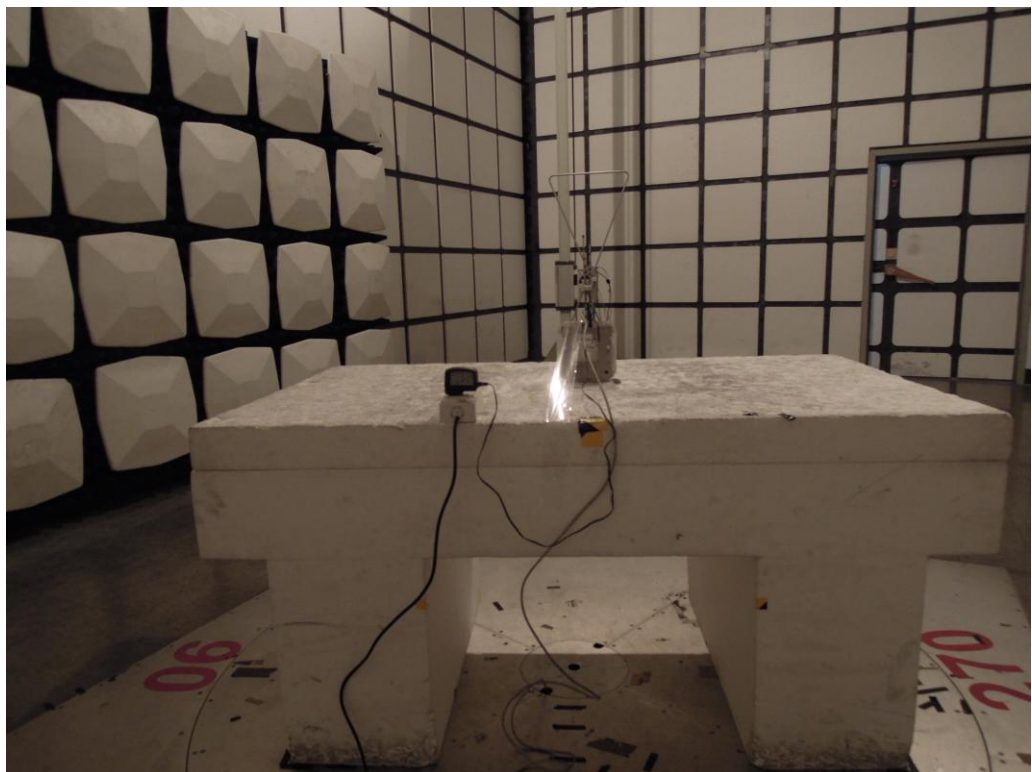
6.8. Test Photographs (30MHz ~ 1GHz)

Power from Adapter

Front View



Rear View



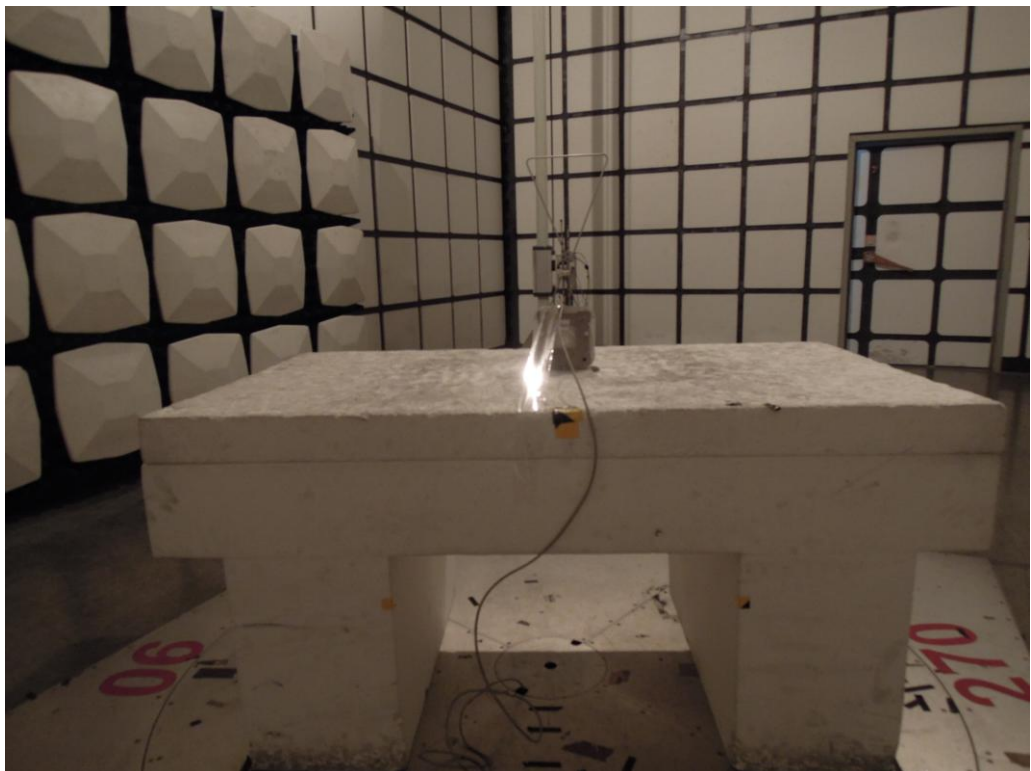


Power from PoE

Front View



Rear View



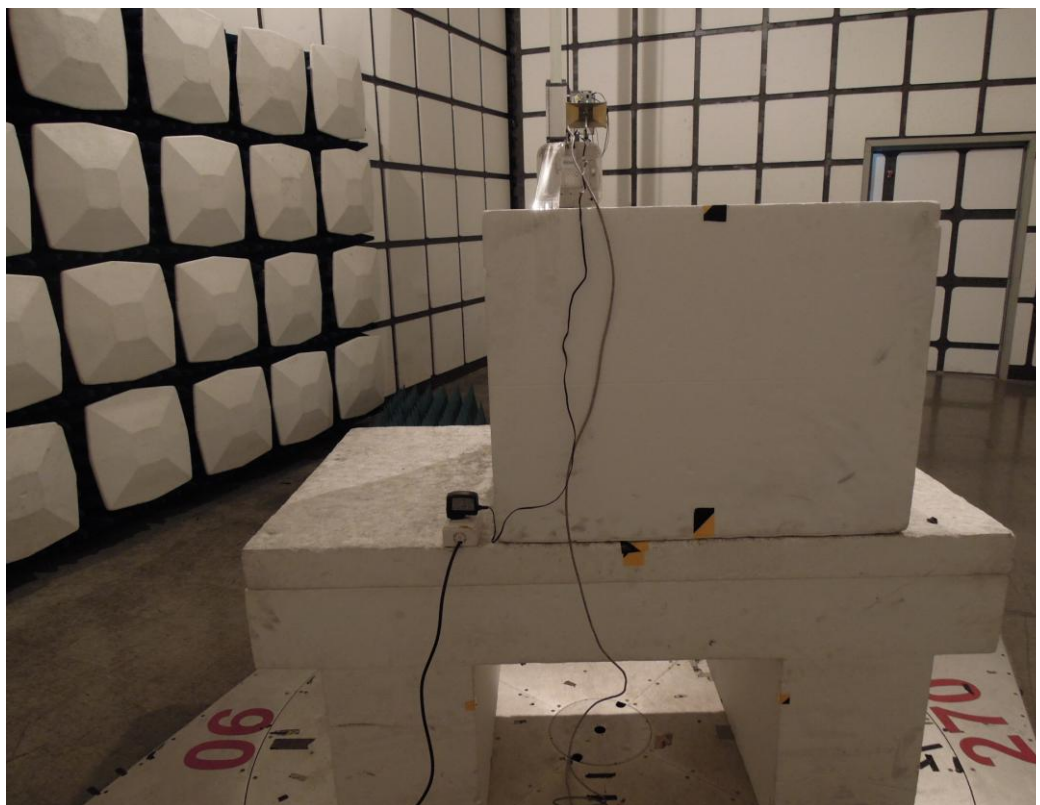


6.9. Test Photographs (1GHz ~ 40GHz)

Front View



Rear View





7. On Time, Duty Cycle and Measurement methods

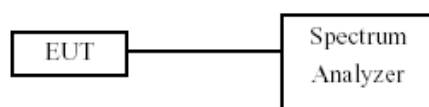
7.1. Test Limit

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

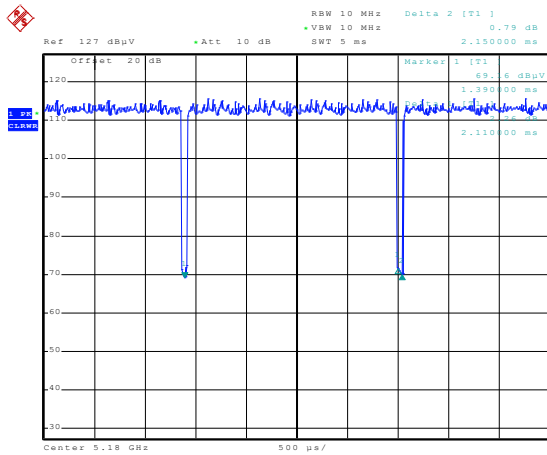
Modulation Mode	On Time (msec)	Period Time (msec)	Duty Cycle (%)
802.11a	2.11	2.15	98.14%
802.11ac VHT20	5.06	5.08	99.61%
802.11ac VHT40	2.47	2.51	98.41%
802.11ac VHT80	1.18	1.22	96.72%

7.5. Measurement Methods

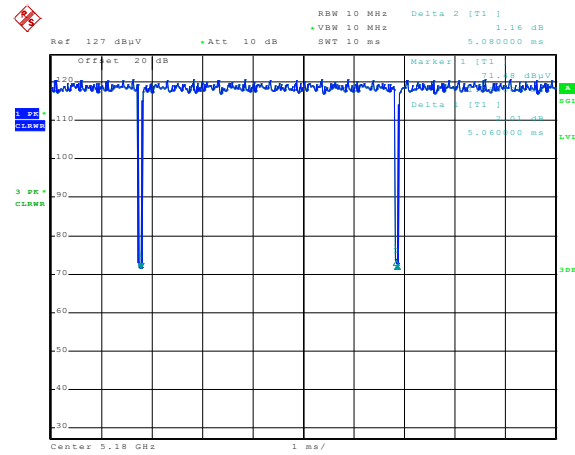
26 dB and 6dB Emission BW	KDB 789033 D02 v01, Section C
99% Occupied BW	KDB 789033 D02 v01, Section D
Conducted Output Power	KDB 789033 D02 v01, Section E.2.d and E.3.b (Method PM-G)
Power Spectral Density	KDB 789033 D02 v01, Section F
Unwanted emissions in restricted bands	KDB 789033 D02 v01, Sections G and H
Unwanted emissions in non-restricted bands	KDB 789033 D02 v01, Sections G and H



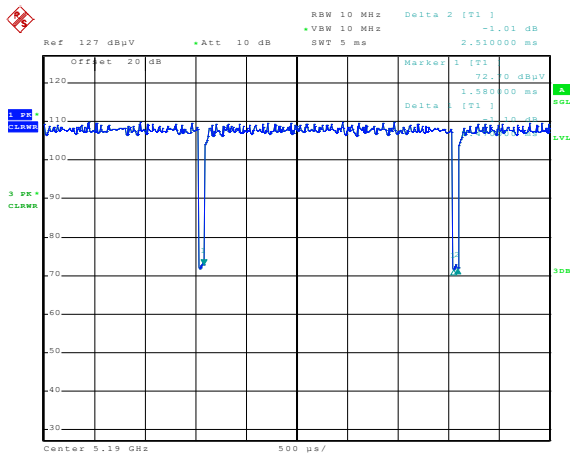
Modulation Standard: 802.11a (6Mbps)



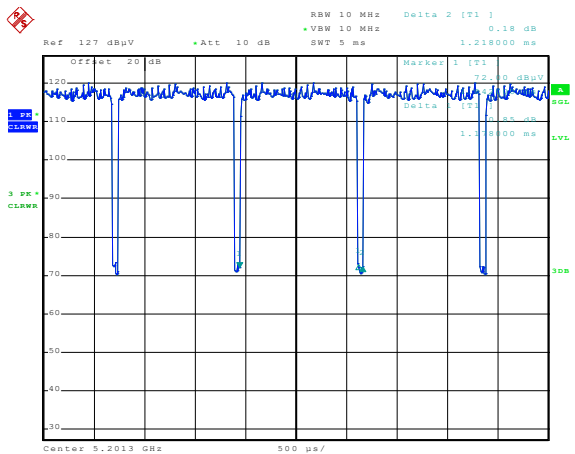
Modulation Standard: 802.11ac VHT20 (6.5Mbps)



Modulation Standard: 802.11ac VHT40 (13.5Mbps)



Modulation Standard: 802.11ac VHT80 (29.3Mbps)





8. 26dB Bandwidth & 99% Occupied Bandwidth

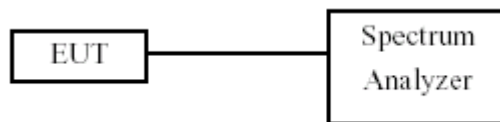
8.1. Test Limit

None; for reporting purposes only.

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 = approximately 1% of the emission bandwidth, the VBW $\geq 3 \times$ RBW, peak detector and max hold.

8.3. Test Setup Layout



8.4. Test Result and Data (26dB Bandwidth)

In the 5.3GHz Band

Modulation Mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			ANT A	ANT B
802.11a	52	5260	20.10	20.50
	60	5300	19.90	20.10
	64	5320	20.20	20.00
802.11ac VHT20	52	5260	20.70	21.20
	60	5300	20.90	20.80
	64	5320	20.90	20.80
802.11ac VHT40	54	5270	41.20	41.20
	62	5310	40.00	39.80
802.11ac VHT80	58	5290	84.48	84.48

**In the 5.5GHz Band**

Modulation Mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			ANT A	ANT B
802.11a	100	5500	20.10	20.50
	120	5600	20.00	20.20
	140	5700	20.00	20.40
802.11ac VHT20	100	5500	20.80	21.20
	120	5600	20.80	21.00
	140	5700	20.70	21.20
802.11ac VHT40	102	5510	41.20	41.20
	118	5590	41.00	41.20
	134	5670	41.20	41.00
802.11ac VHT80	106	5530	85.44	84.80
	122	5610	85.20	85.20



8.5. Test Result and Data (99% Occupied Bandwidth)

In the 5.3GHz Band

Modulation Mode	Channel	Frequency (MHz)	99% Bandwidth (MHz)	
			ANT A	ANT B
802.11a	52	5260	16.50	16.60
	60	5300	16.60	16.60
	64	5320	16.60	16.60
802.11ac VHT20	52	5260	17.70	17.80
	60	5300	17.70	17.70
	64	5320	17.70	17.80
802.11ac VHT40	54	5270	36.20	36.20
	62	5310	36.20	36.20
802.11ac VHT80	58	5290	75.60	76.00

In the 5.5GHz Band

Modulation Mode	Channel	Frequency (MHz)	99% Bandwidth (MHz)	
			ANT A	ANT B
802.11a	100	5500	16.50	16.60
	120	5600	16.70	16.60
	140	5700	16.60	16.60
802.11ac VHT20	100	5500	17.60	17.80
	120	5600	17.70	17.70
	140	5700	17.70	17.70
802.11ac VHT40	102	5510	36.20	36.20
	118	5590	36.20	36.20
	134	5670	36.20	36.20
802.11ac VHT80	106	5530	75.60	76.00
	122	5610	76.00	76.00

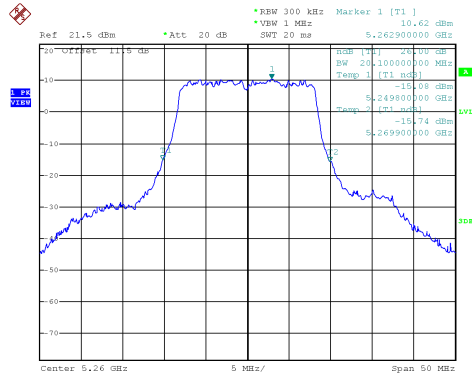
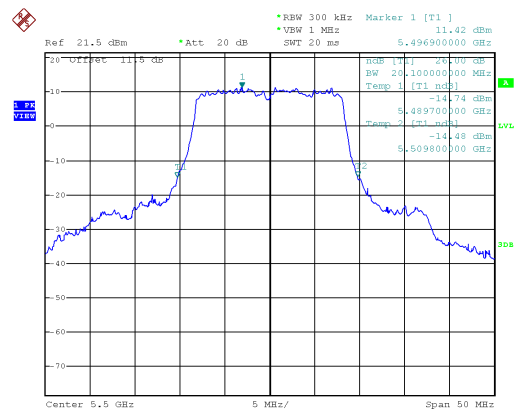


26dB Bandwidth

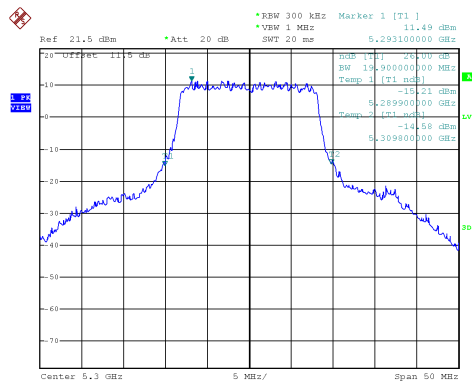
ANT A

Modulation Standard: 802.11a (6Mbps)

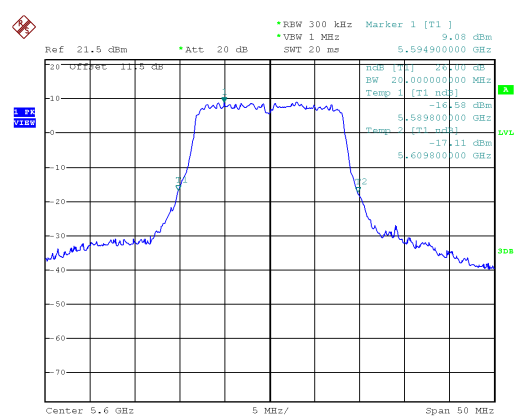
CH52

Modulation Standard: 802.11a (6Mbps)
CH100

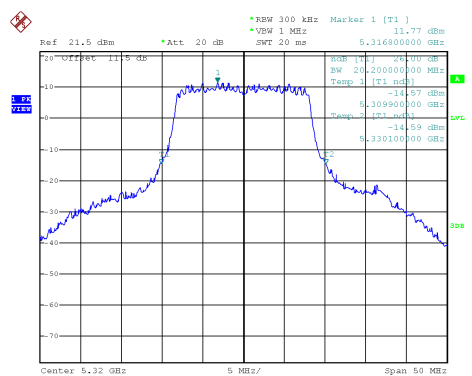
CH60



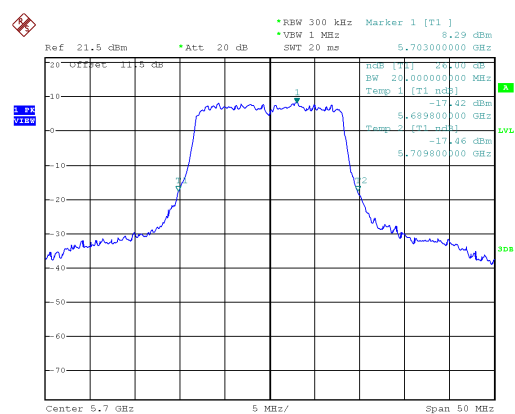
CH120



CH64



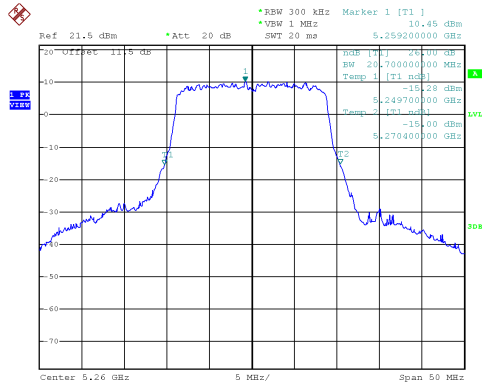
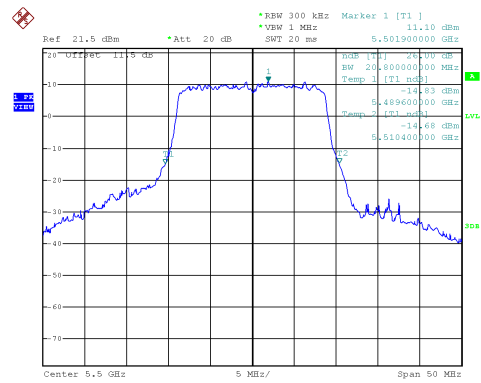
CH140



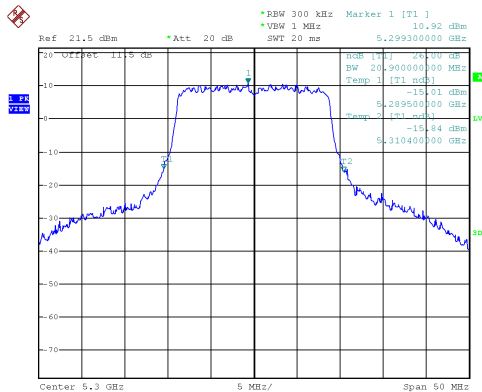


26dB Bandwidth

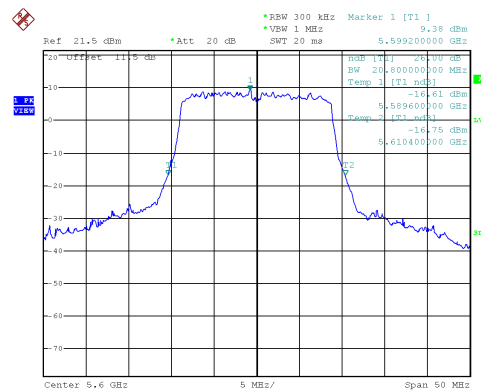
ANT A

Modulation Standard: 802.11ac VHT20 (6.5Mbps)
CH52Modulation Standard: 802.11ac VHT20 (6.5Mbps)
CH100

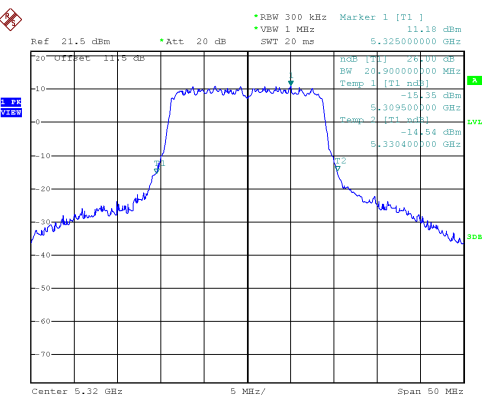
CH60



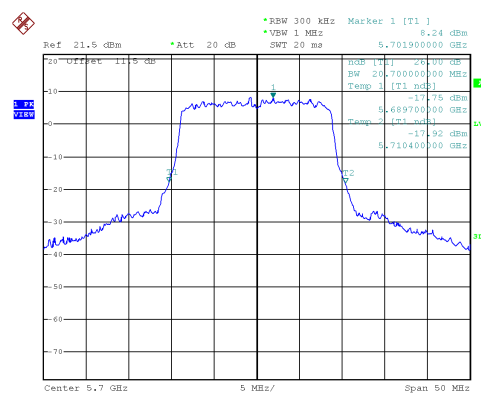
CH120



CH64



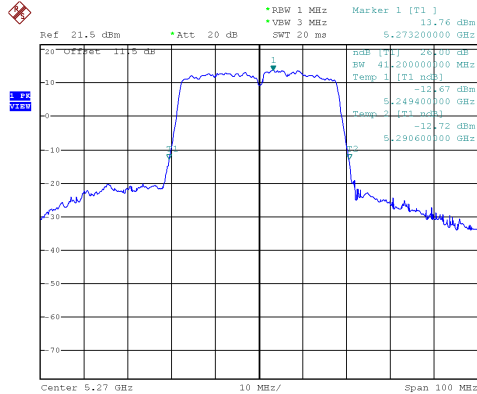
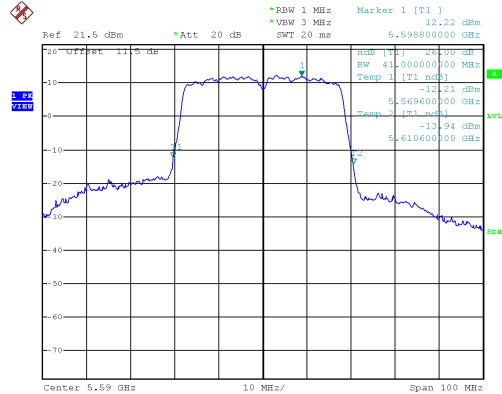
CH140



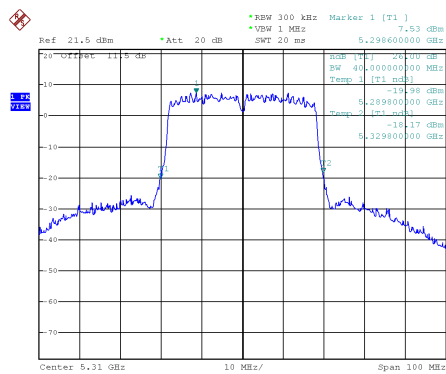


26dB Bandwidth

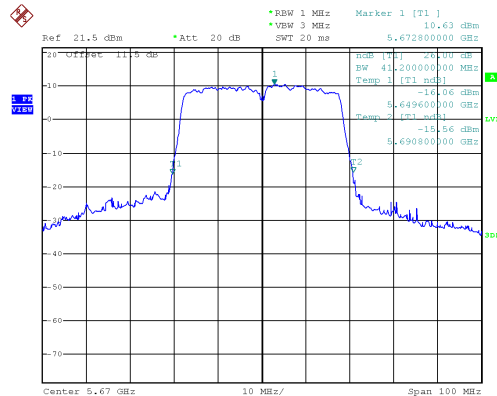
ANT A

Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH54Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH118

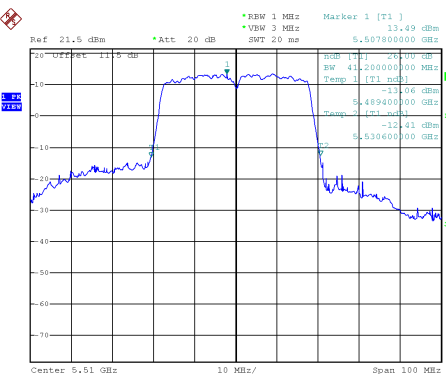
CH62



CH134



CH102



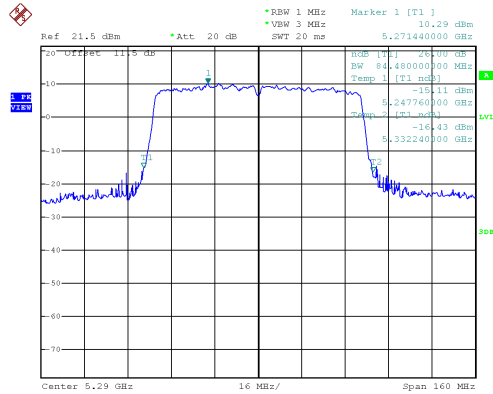


26dB Bandwidth

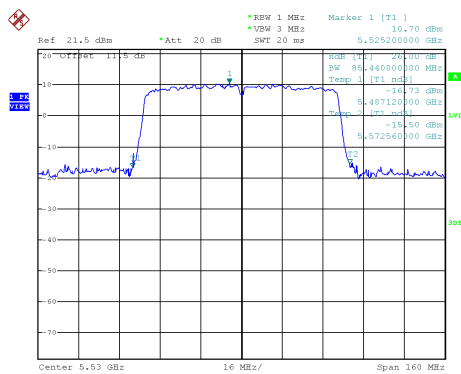
ANT A

Modulation Standard: 802.11ac VHT80 (29.3Mbps)

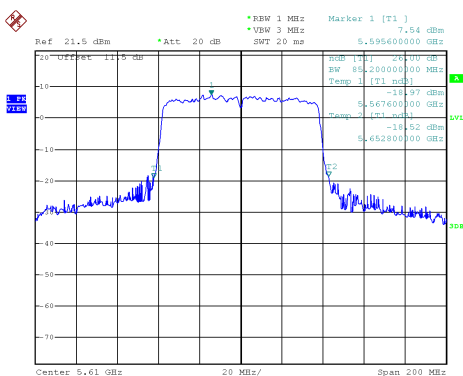
CH58



CH106



CH122



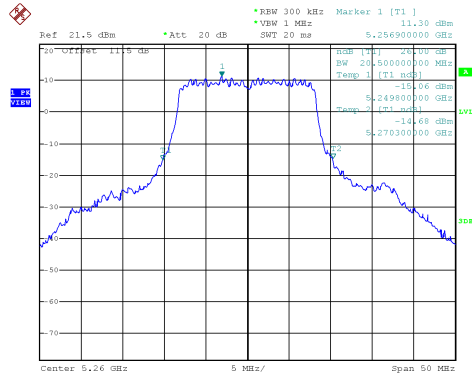
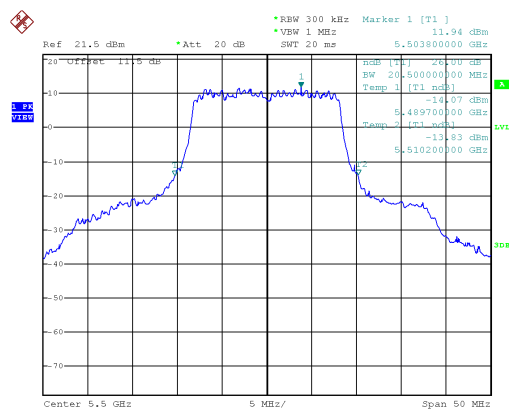


26dB Bandwidth

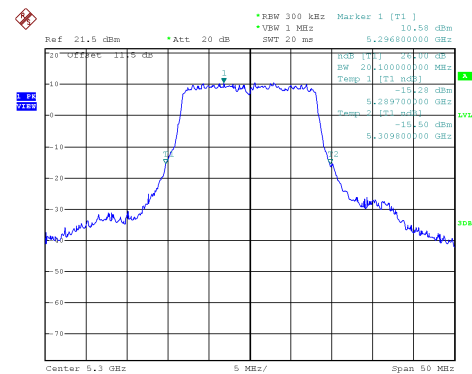
ANT B

Modulation Standard: 802.11a (6Mbps)

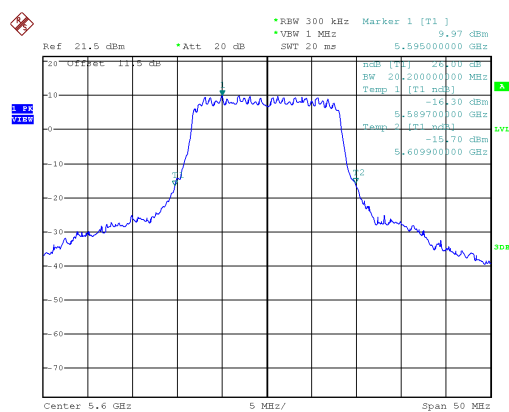
CH52

Modulation Standard: 802.11a (6Mbps)
CH100

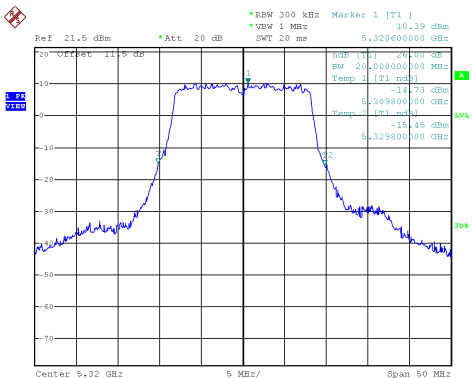
CH60



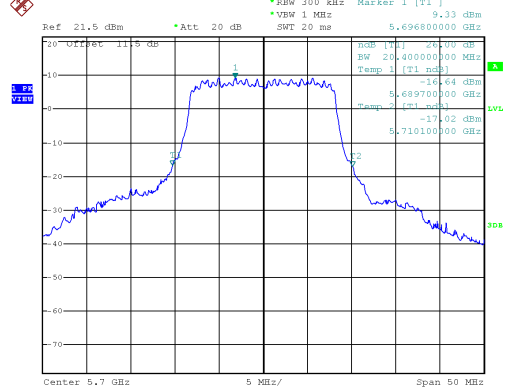
CH120



CH64



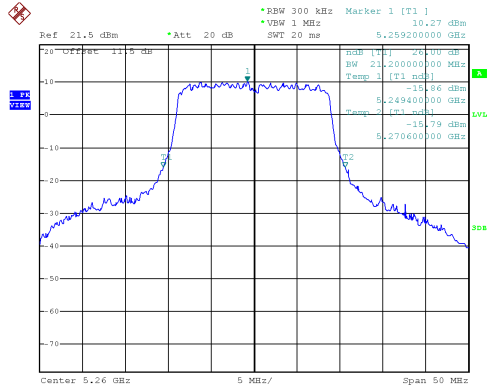
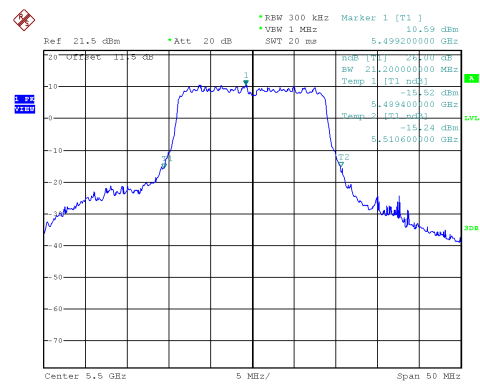
CH140



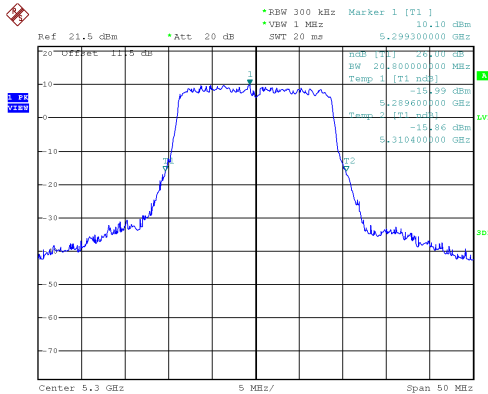


26dB Bandwidth

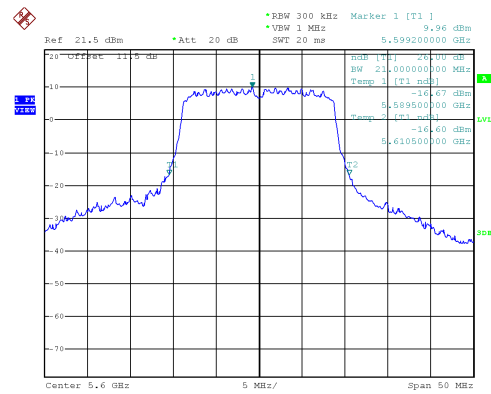
ANT B

Modulation Standard: 802.11ac VHT20 (6.5Mbps)
CH52Modulation Standard: 802.11ac VHT20 (6.5Mbps)
CH100

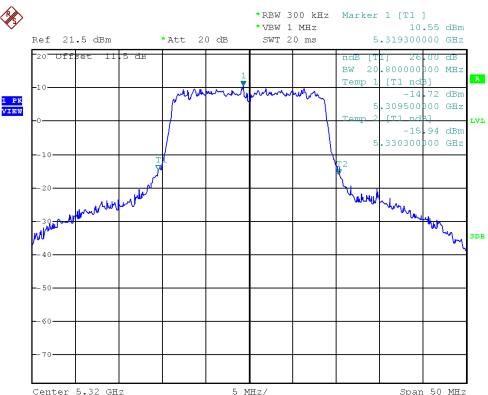
CH60



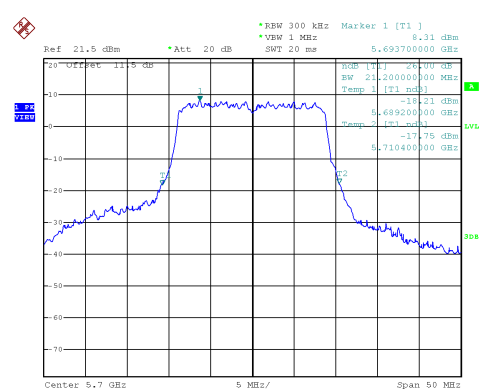
CH120



CH64



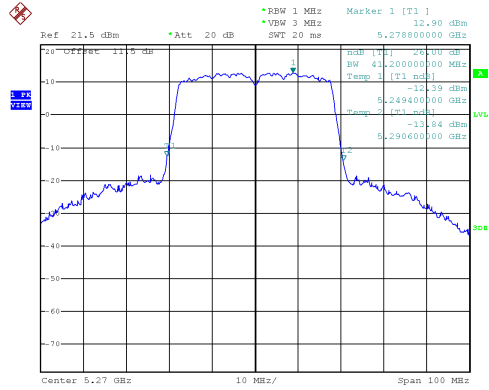
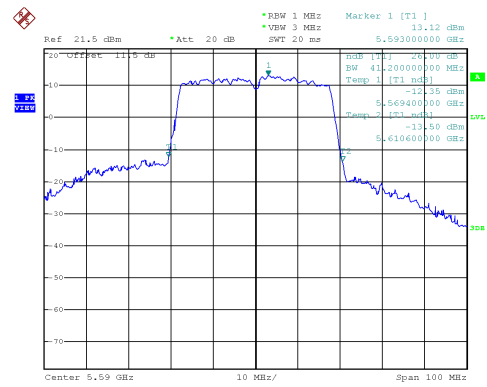
CH140



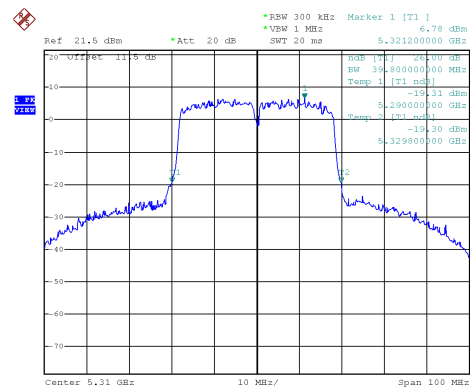


26dB Bandwidth

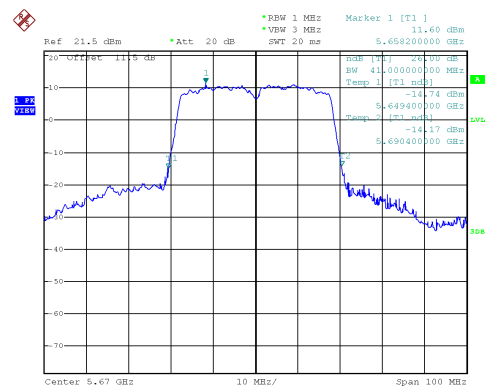
ANT B

Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH54Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH118

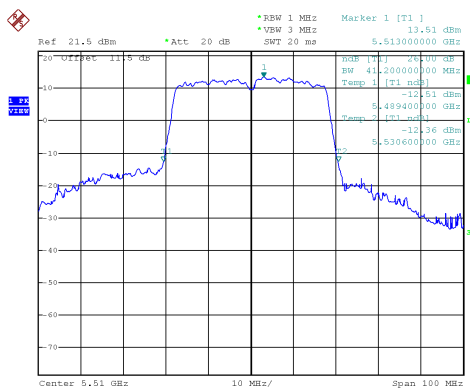
CH62



CH134



CH102





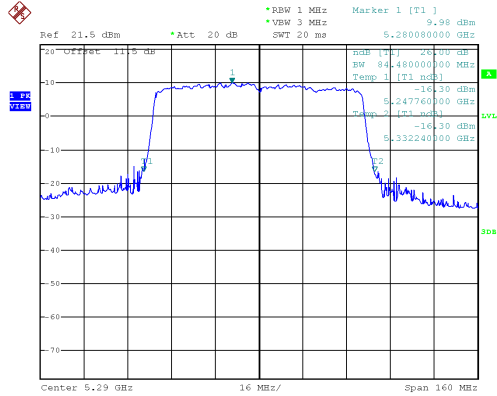
26dB Bandwidth

ANT B

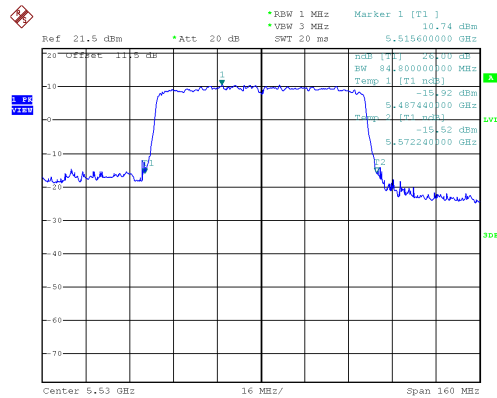
Modulation Standard: 802.11ac VHT80 (29.3Mbps)

CH58

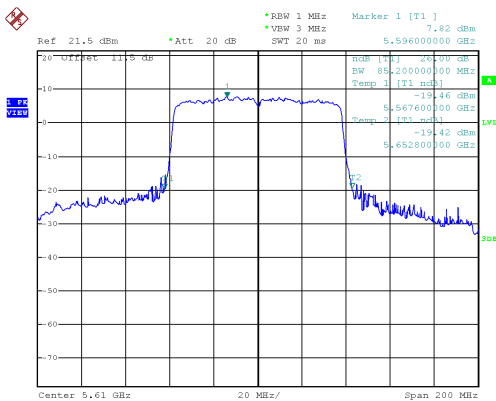
CH58



CH106



CH122



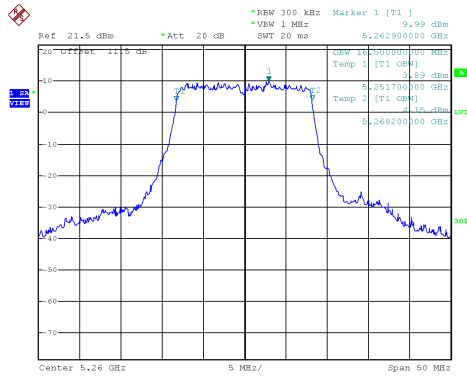


99% Occupied Bandwidth

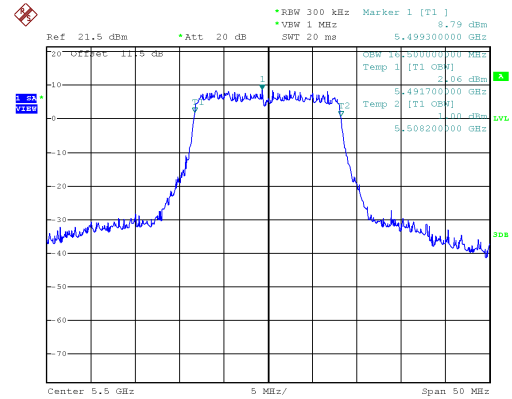
ANT A

Modulation Standard: 802.11a (6Mbps)

CH52

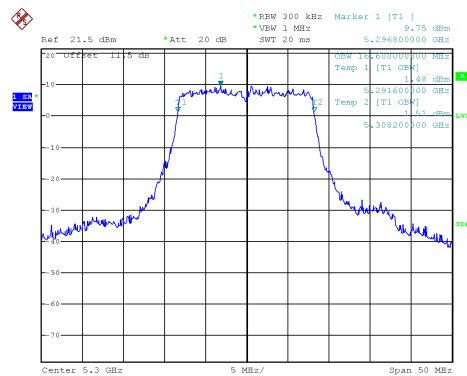


Date: 29.JAN.2019 08:41:09

Modulation Standard: 802.11a (6Mbps)
CH100

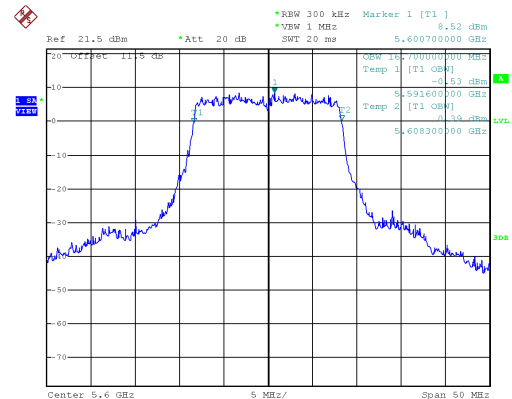
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CH60



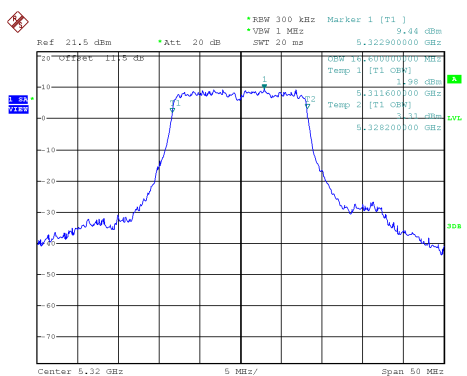
Date: 29.JAN.2019 08:50:50

CH120



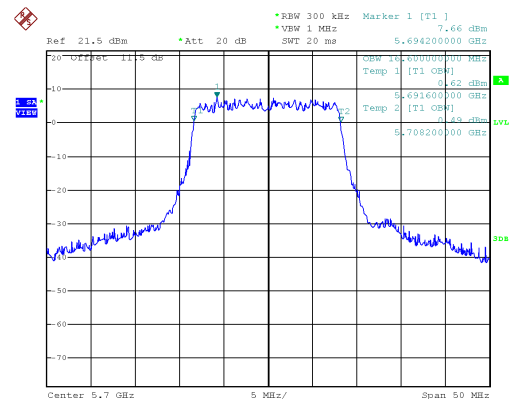
Date: 29.JAN.2019 11:50:44

CH64



Date: 29.JAN.2019 08:53:41

CH140

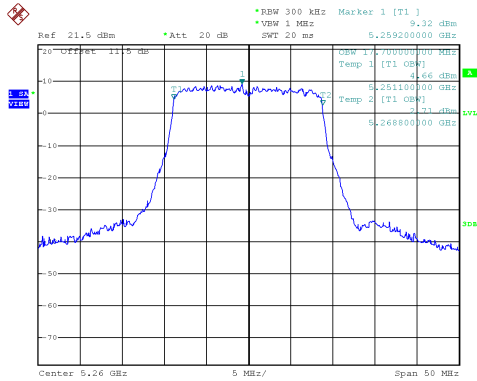


Date: 29.JAN.2019 11:52:46

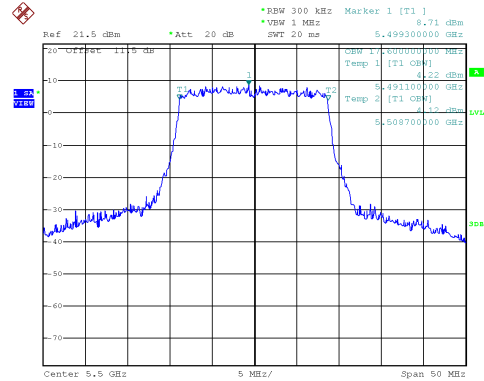


99% Occupied Bandwidth

ANT A

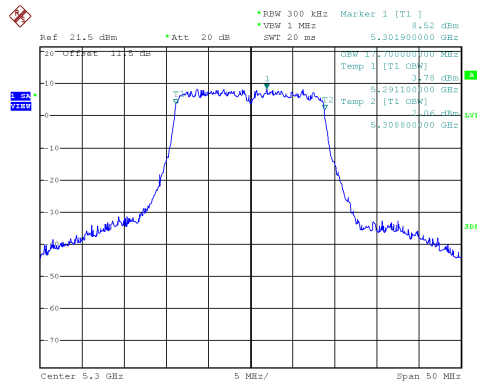
Modulation Standard: 802.11ac VHT20 (6.5Mbps)
CH52

Date: 29.JAN.2019 09:08:08

Modulation Standard: 802.11ac VHT20 (6.5Mbps)
CH100

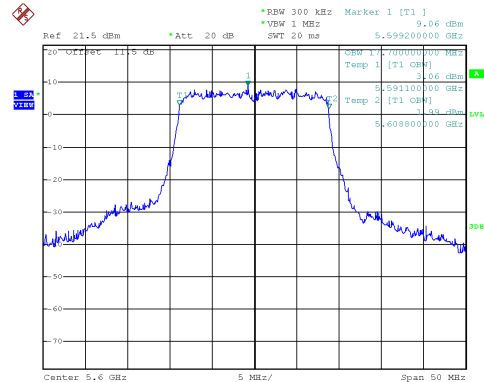
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CH60



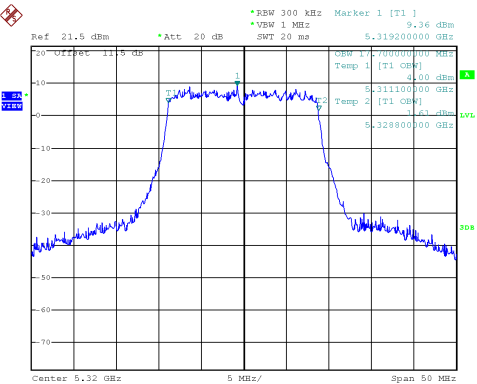
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CH120



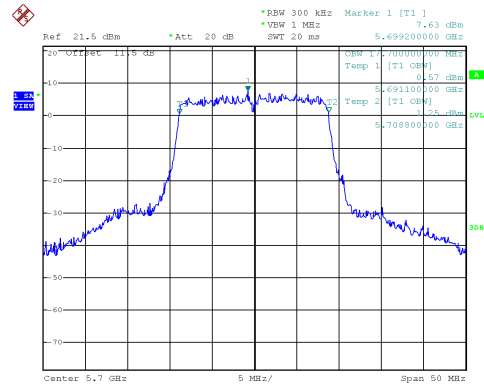
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CH64



Date: 29.JAN.2019 09:54:31

CH140

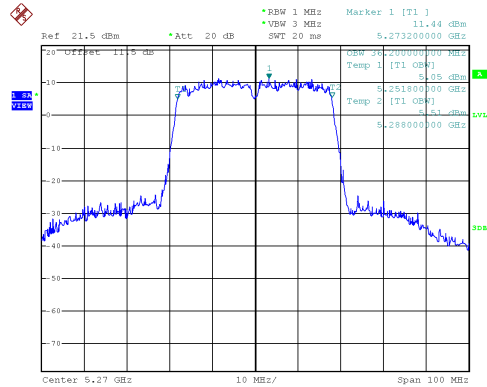


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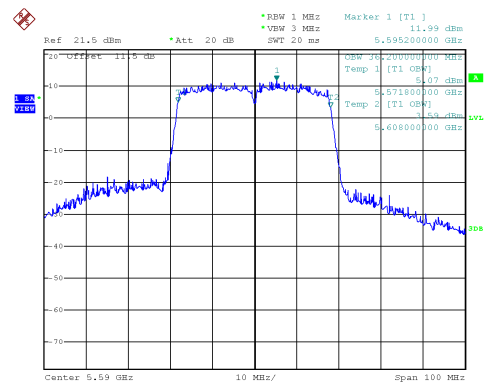


99% Occupied Bandwidth

ANT A

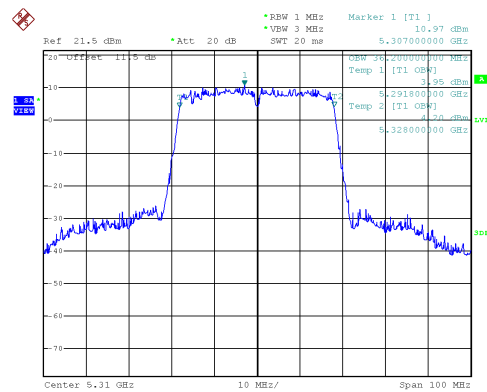
Modulation Standard:802.11ac VHT40 (13.5Mbps)
CH54

Date: 29.JAN.2019 09:55:34

Modulation Standard:802.11ac VHT40 (13.5Mbps)
CH118

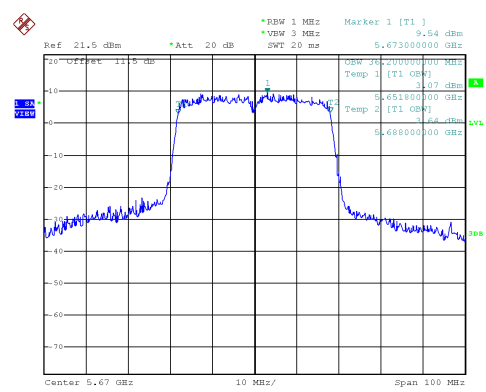
Date: 29.JAN.2019 11:59:03

CH62



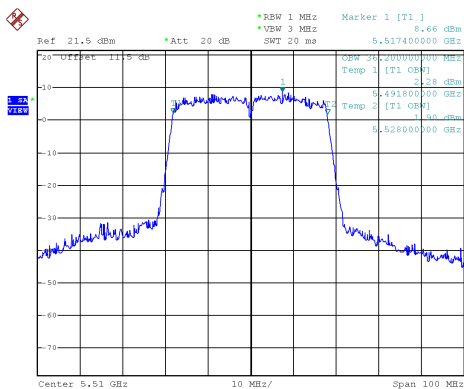
Date: 29.JAN.2019 10:10:57

CH134



Date: 29.JAN.2019 12:01:23

CH102



Date: 29.JAN.2019 11:58:15

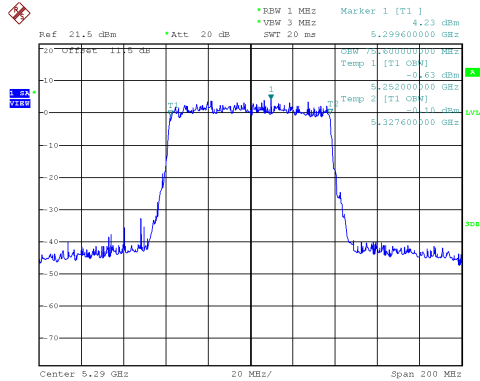


99% Occupied Bandwidth

ANT A

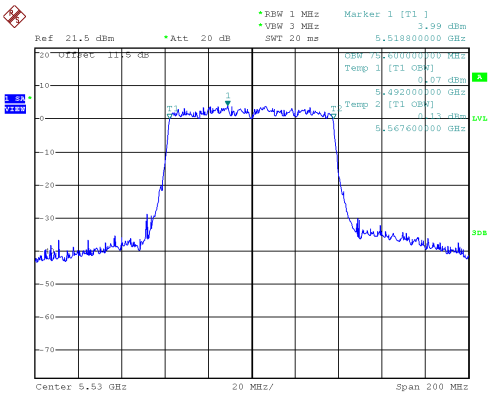
Modulation Standard: 802.11ac VHT80 (29.3Mbps)

CH58



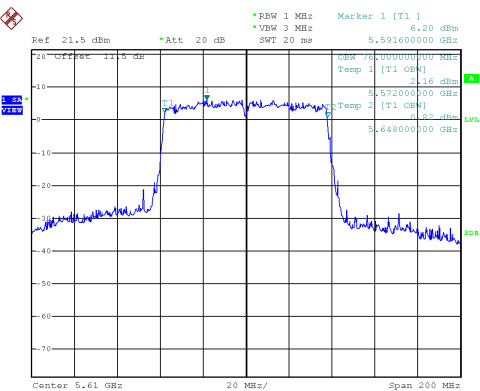
Date: 29.JAN.2019 10:11:43

CH106



Date: 29.JAN.2019 12:04:11

CH122



Date: 29.JAN.2019 12:15:42

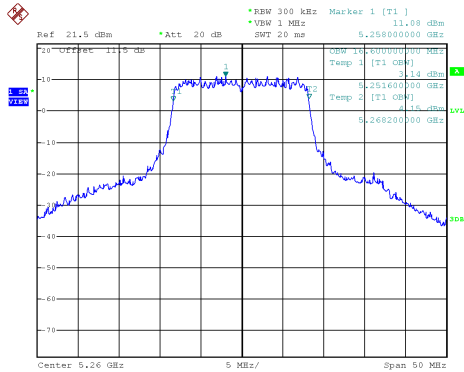


99% Occupied Bandwidth

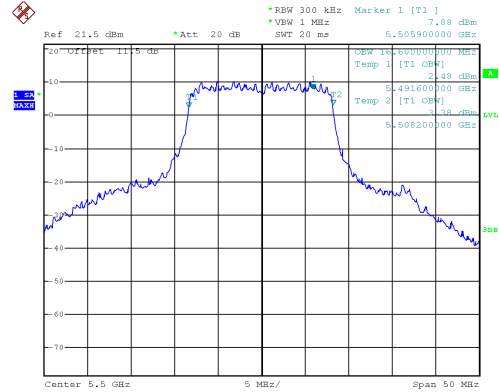
ANT B

Modulation Standard: 802.11a (6Mbps)

CH52

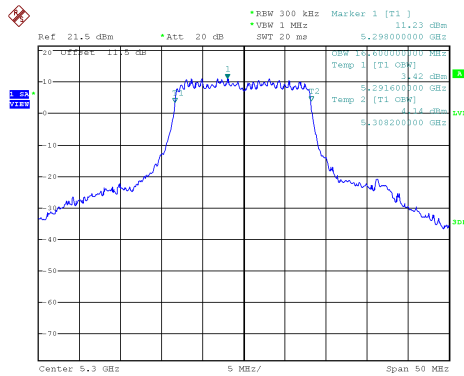


Date: 29.JAN.2019 08:45:21

Modulation Standard: 802.11a (6Mbps)
CH100

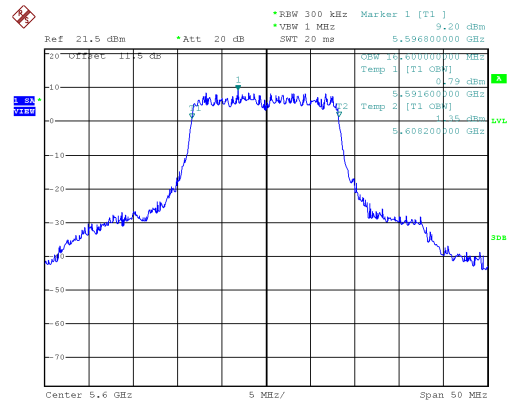
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CH60



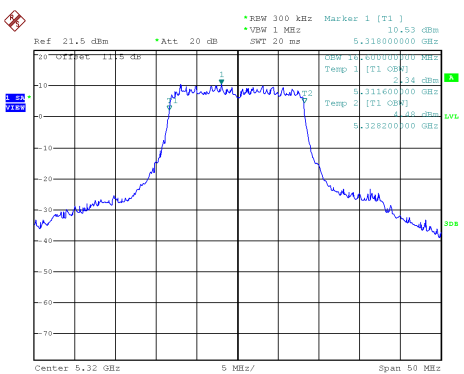
Date: 29.JAN.2019 08:49:17

CH120



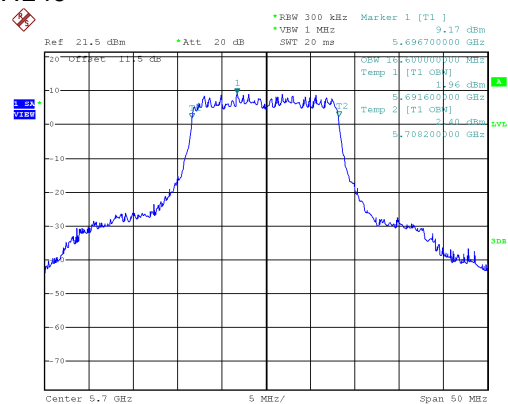
Date: 29.JAN.2019 11:51:13

CH64



Date: 29.JAN.2019 09:01:56

CH140

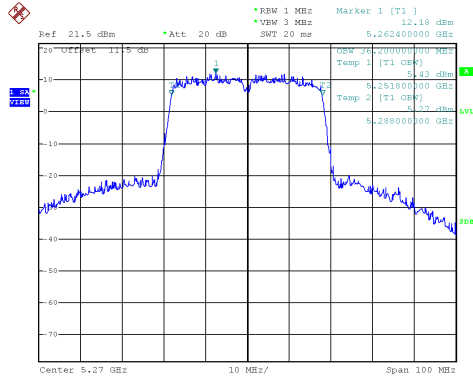


Date: 29.JAN.2019 11:52:19

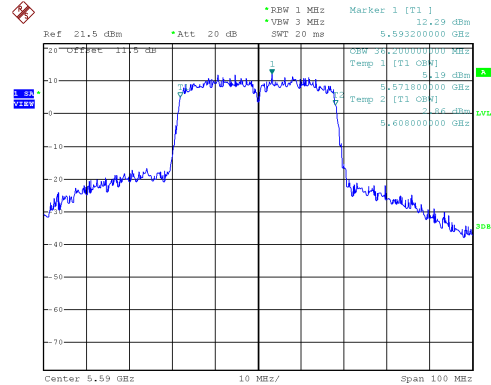


99% Occupied Bandwidth

ANT B

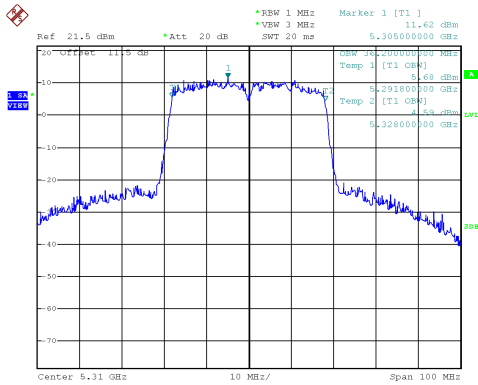
Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH54

Date: 29.JAN.2019 09:55:59

Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH118

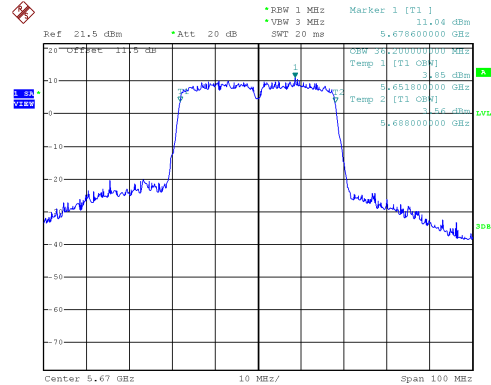
Date: 29.JAN.2019 11:59:27

CH62



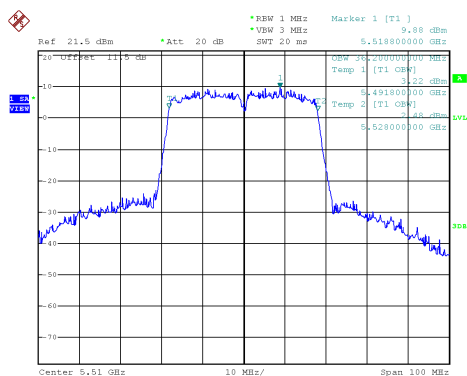
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CH134



Date: 29.JAN.2019 12:00:42

CH102



Date: 29.JAN.2019 11:57:47

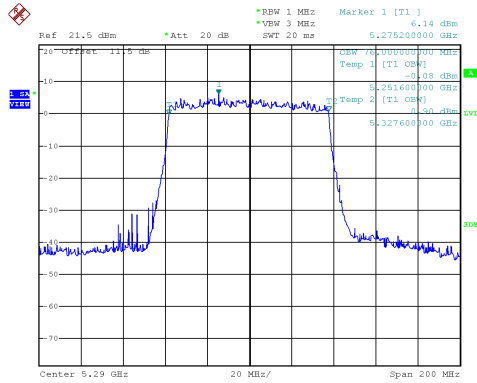


99% Occupied Bandwidth

ANT B

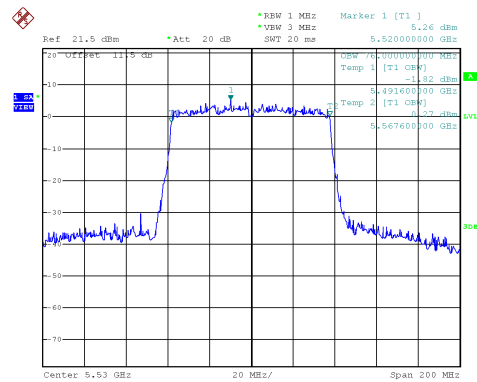
Modulation Standard: 802.11ac VHT80 (29.3Mbps)

CH58



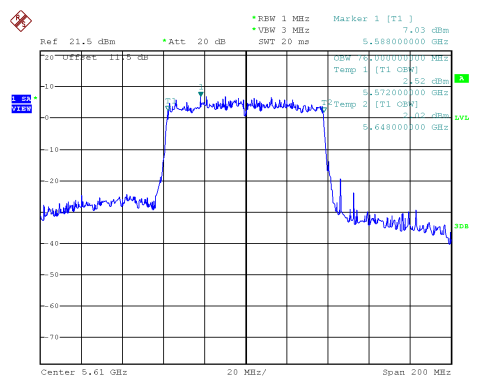
Date: 29.JAN.2019 10:12:42

CH106



Date: 29.JAN.2019 12:04:52

CH122



Date: 29.JAN.2019 12:16:19



9. Average Power

9.1. Test Limit

Output Power:

Frequency Band		Limit
☐	5.15~5.25GHz	
Operating Mode		
☐	Outdoor access point	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm) provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30degrees as measured from the horizon must not exceed 125 mW (21 dBm).
☐	Indoor access point	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm) provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
☐	Fixed point-to-point access points	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm). Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi.
☐	client devices	The maximum conducted output power over the frequency band of operation shall not exceed 250 mW (24dBm) provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.



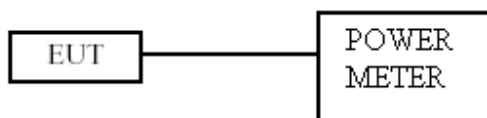
Frequency Band		Limit
☒	5.25-5.35 GHz	The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW (24dBm) or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
☒	5.470-5.725 GHz	
☐	5.725~5.85 GHz	The maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm). If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.

9.2. Test Procedure

The transmitter output is connected to a power meter.

The cable assembly insertion loss of 11 dB (including 10 dB pad and 1 dB cable) was entered as an offset in the power meter to allow for direct reading of power.

9.3. Test Setup Layout



**9.4. Test Result and Data****(Non-Beamforming)****In the 5.3GHz Band**

Modulation Mode	Channel	Frequency (MHz)	Avg Power Output (dBm)		Total Power (dBm)	Total Power (mW)	Power Limit (dBm)
			ANT A	ANT B			
802.11a	52	5260	18.52	18.35	21.45	139.513	24.00
	60	5300	18.98	18.41	21.71	148.410	24.00
	64	5320	18.87	18.16	21.54	142.554	24.00
802.11an HT20	52	5260	18.43	18.29	21.37	137.115	24.00
	60	5300	18.75	18.21	21.50	141.211	24.00
	64	5320	18.96	18.36	21.68	147.253	24.00
802.11an HT40	54	5270	18.88	18.33	21.62	145.345	24.00
	62	5310	18.18	17.62	20.92	123.575	24.00
802.11ac VHT20	52	5260	18.45	18.31	21.39	137.748	24.00
	60	5300	18.78	18.23	21.52	142.037	24.00
	64	5320	18.99	18.39	21.71	148.274	24.00
802.11ac VHT40	54	5270	18.91	18.35	21.65	146.195	24.00
	62	5310	18.22	17.65	20.95	124.585	24.00
802.11ac VHT80	58	5290	14.44	14.25	17.36	54.404	24.00

In the 5.5GHz Band

Modulation Mode	Channel	Frequency (MHz)	Avg Power Output (dBm)		Total Power (dBm)	Total Power (mW)	Power Limit (dBm)
			ANT A	ANT B			
802.11a	100	5500	18.13	17.97	21.06	127.674	24.00
	120	5600	18.31	18.02	21.18	131.151	24.00
	140	5700	17.26	17.08	20.18	104.261	24.00
802.11an HT20	100	5500	18.20	17.79	21.01	126.187	24.00
	120	5600	18.48	18.41	21.46	139.812	24.00
	140	5700	17.12	17.00	20.07	101.642	24.00
802.11an HT40	102	5510	15.29	15.34	18.33	68.004	24.00
	118	5590	18.84	18.75	21.81	151.549	24.00
	134	5670	17.18	17.11	20.16	103.644	24.00
802.11ac VHT20	100	5500	18.23	17.82	21.04	127.061	24.00
	120	5600	18.52	18.44	21.49	140.945	24.00
	140	5700	17.15	17.02	20.10	102.230	24.00
802.11ac VHT40	102	5510	15.31	15.37	18.35	68.398	24.00
	118	5590	18.88	18.79	21.85	152.951	24.00
	134	5670	17.21	17.13	20.18	104.243	24.00
802.11ac VHT80	106	5530	13.86	13.77	16.83	48.145	24.00
	122	5610	16.68	16.66	19.68	92.903	24.00

**(Beamforming)****In the 5.3GHz Band**

Modulation Mode	Channel	Frequency (MHz)	Avg Power Output (dBm)		Total Power (dBm)	Total Power (mW)	Power Limit (dBm)
			ANT A	ANT B			
802.11a	52	5260	15.51	15.34	18.44	69.761	23.64
	60	5300	15.97	15.40	18.70	74.210	23.64
	64	5320	15.86	15.15	18.53	71.282	23.64
802.11an HT20	52	5260	15.42	15.28	18.36	68.562	23.64
	60	5300	15.74	15.20	18.49	70.610	23.64
	64	5320	15.95	15.35	18.67	73.632	23.64
802.11an HT40	54	5270	15.87	15.32	18.61	72.678	23.64
	62	5310	15.17	14.61	17.91	61.792	23.64
802.11ac VHT20	52	5260	15.44	15.30	18.38	68.879	23.64
	60	5300	15.77	15.22	18.51	71.023	23.64
	64	5320	15.98	15.38	18.70	74.142	23.64
802.11ac VHT40	54	5270	15.90	15.34	18.64	73.102	23.64
	62	5310	15.21	14.64	17.94	62.297	23.64
802.11ac VHT80	58	5290	11.43	11.24	14.35	27.204	23.64

In the 5.5GHz Band

Modulation Mode	Channel	Frequency (MHz)	Avg Power Output (dBm)		Total Power (dBm)	Total Power (mW)	Power Limit (dBm)
			ANT A	ANT B			
802.11a	100	5500	15.12	14.96	18.05	63.842	23.69
	120	5600	15.30	15.01	18.17	65.580	23.69
	140	5700	14.25	14.07	17.17	52.134	23.69
802.11an HT20	100	5500	15.19	14.78	18.00	63.098	23.69
	120	5600	15.47	15.40	18.45	69.911	23.69
	140	5700	14.11	13.99	17.06	50.824	23.69
802.11an HT40	102	5510	12.28	12.33	15.32	34.005	23.69
	118	5590	15.83	15.74	18.80	75.780	23.69
	134	5670	14.17	14.10	17.15	51.826	23.69
802.11ac VHT20	100	5500	15.22	14.81	18.03	63.535	23.69
	120	5600	15.51	15.43	18.48	70.477	23.69
	140	5700	14.14	14.01	17.09	51.119	23.69
802.11ac VHT40	102	5510	12.30	12.36	15.34	34.201	23.69
	118	5590	15.87	15.78	18.84	76.481	23.69
	134	5670	14.20	14.12	17.17	52.125	23.69
802.11ac VHT80	106	5530	10.85	10.76	13.82	24.074	23.69
	122	5610	13.67	13.65	16.67	46.455	23.69



10. Maximum Power Spectral Density

10.1. Test Limit

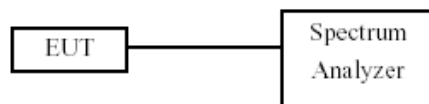
PSD:

Frequency Band		Limit
☐	5.15~5.25GHz	
	Operating Mode	
☐	Outdoor access point	17 dBm/MHz
☐	Indoor access point	17 dBm/MHz
☐	Fixed point-to-point access points	17 dBm/MHz
☐	client devices	11 dBm/MHz
☒	5.250~5.350 GHz	11 dBm/MHz
☒	5.470~5.725 GHz	11 dBm/MHz
☐	5.725~5.85 GHz	30 dBm/500kHz

10.2. Test Procedure

Reference to KDB789033 D02 General UNII Test Procedures New Rules v02r01

10.3. Test Setup Layout





10.4. Test Result and Data

In the 5.3GHz Band

Modulation Mode	Channel	Freq. (MHz)	Meas PSD (dBm/MHz)		Sum chain (dBm)	Duty Cycle CF(dB)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)
			ANT A	ANT B				
802.11a	52	5260	7.18	7.25	10.23	0.00	10.23	10.64
	60	5300	7.37	7.10	10.25	0.00	10.25	10.64
	64	5320	7.16	6.74	9.97	0.00	9.97	10.64
802.11ac VHT20	52	5260	6.78	6.86	9.83	0.00	9.83	10.64
	60	5300	6.99	6.39	9.71	0.00	9.71	10.64
	64	5320	7.43	6.62	10.05	0.00	10.05	10.64
802.11ac VHT40	54	5270	4.43	4.01	7.24	0.00	7.24	10.64
	62	5310	3.81	3.10	6.48	0.00	6.48	10.64
802.11ac VHT80	58	5290	-3.41	-3.36	-0.37	0.15	-0.22	10.64

In the 5.5GHz Band

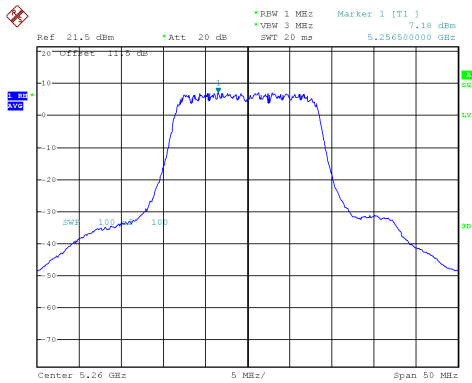
Modulation Mode	Channel	Freq. (MHz)	Meas PSD (dBm/MHz)		Sum chain (dBm)	Duty Cycle CF(dB)	Total Corr'd PSD (dBm/MHz)	PSD Limit (dBm/MHz)
			ANT A	ANT B				
802.11a	100	5500	7.69	7.37	10.54	0.00	10.54	10.69
	120	5600	7.70	7.44	10.58	0.00	10.58	10.69
	140	5700	6.22	6.03	9.14	0.00	9.14	10.69
802.11ac VHT20	100	5500	7.34	7.00	10.18	0.00	10.18	10.69
	120	5600	7.56	7.32	10.45	0.00	10.45	10.69
	140	5700	5.79	5.64	8.73	0.00	8.73	10.69
802.11ac VHT40	102	5510	1.79	1.46	4.64	0.00	4.64	10.69
	118	5590	5.26	5.16	8.22	0.00	8.22	10.69
	134	5670	3.13	3.05	6.10	0.00	6.10	10.69
802.11ac VHT80	106	5530	-3.00	-3.16	-0.07	0.15	0.08	10.69
	122	5610	-0.37	-0.37	2.64	0.15	2.79	10.69



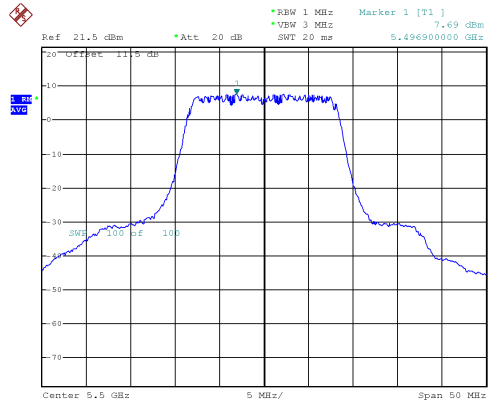
Power Spectral Density

ANT A

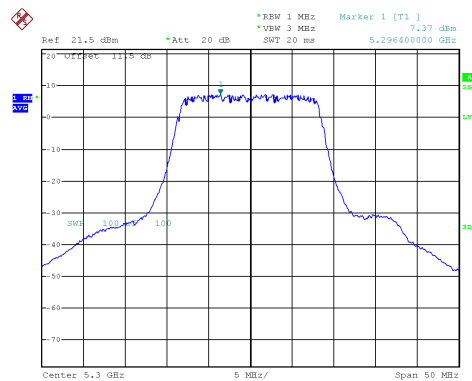
Modulation Standard: 802.11a (6Mbps)
CH52



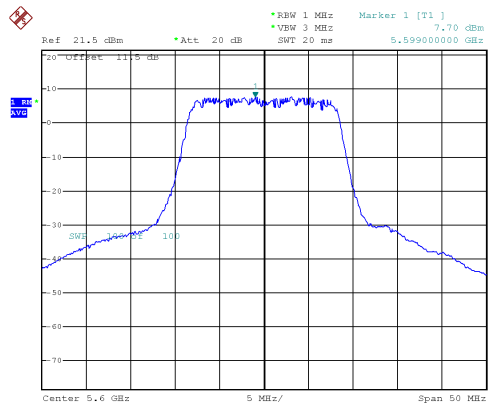
Modulation Standard: 802.11a (6Mbps)
CH100



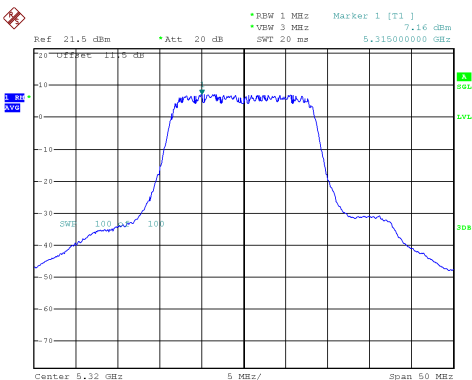
CH60



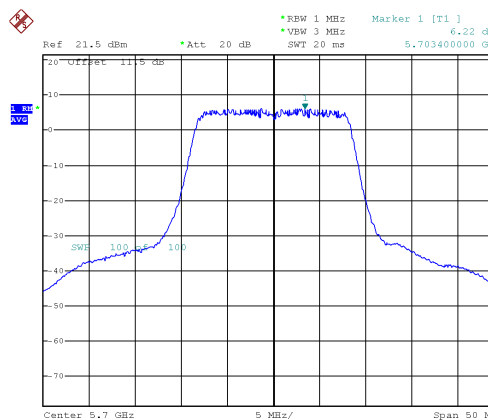
CH120



CH64



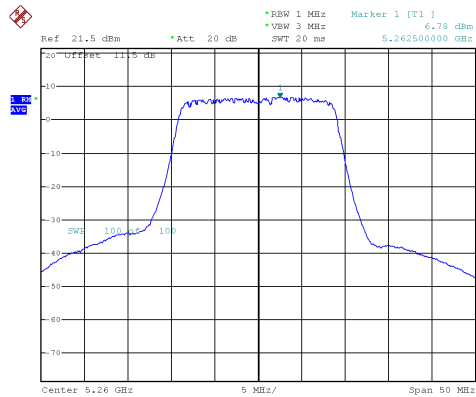
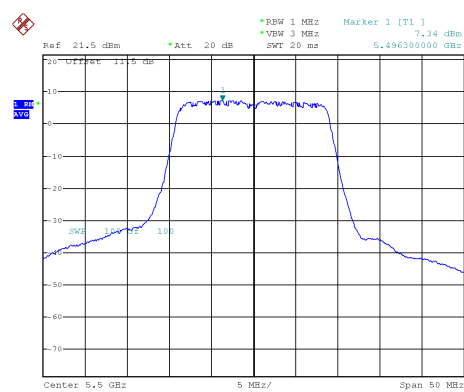
CH140



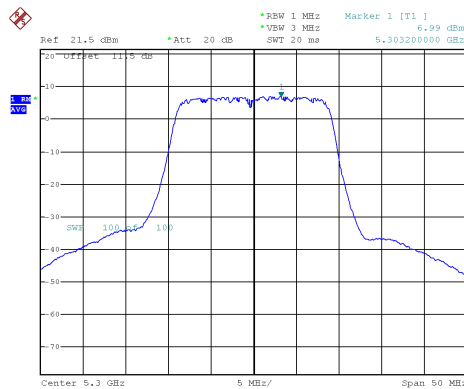


Power Spectral Density

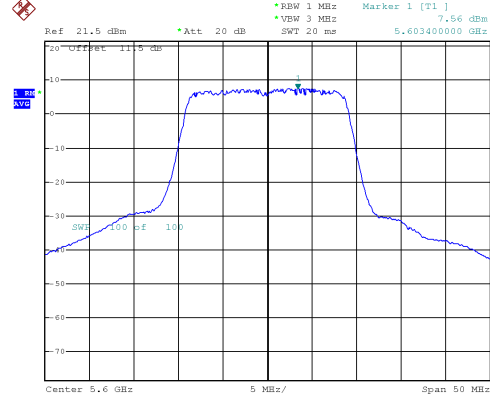
ANT A

Modulation Standard:802.11a VHT20 (6.5Mbps)
CH52Modulation Standard:802.11a VHT20 (6.5Mbps)
CH100

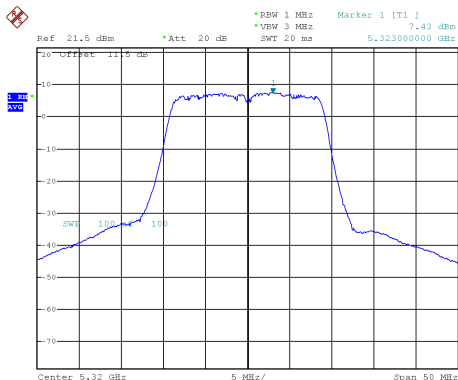
CH60



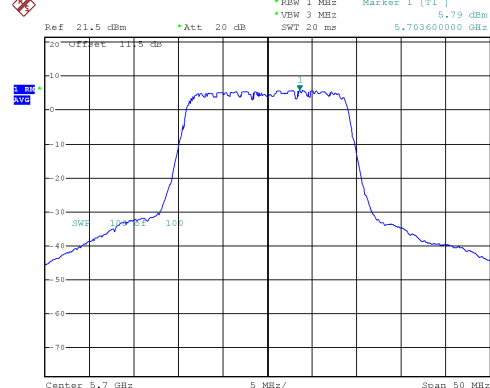
CH120



CH64



CH140

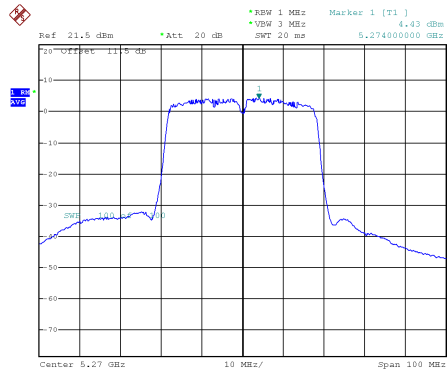




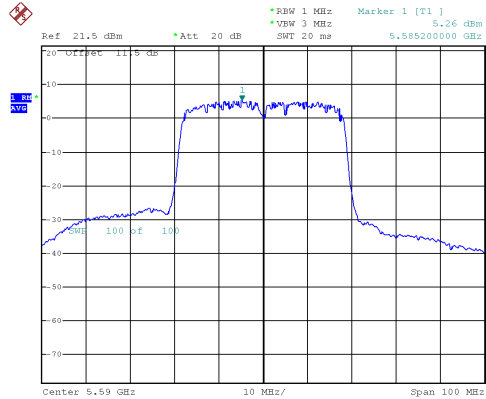
Power Spectral Density

ANT A

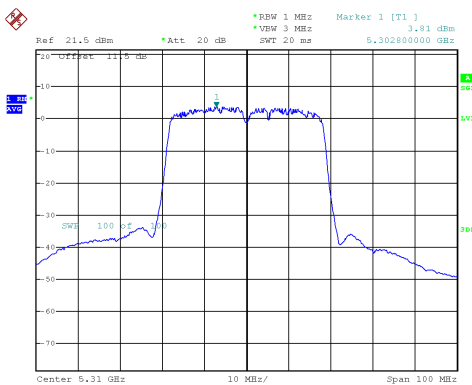
Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH54



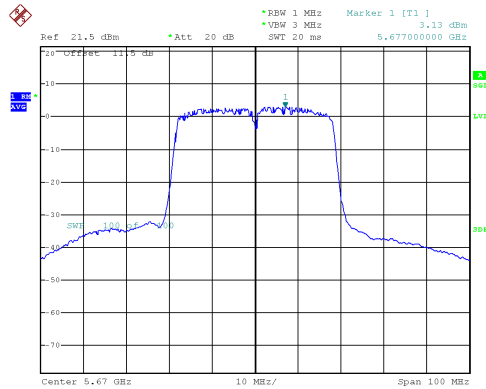
Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH118



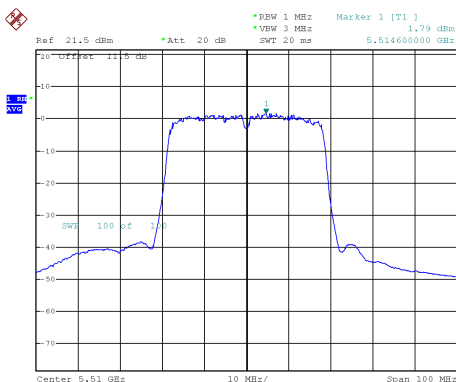
CH62



CH134



CH102



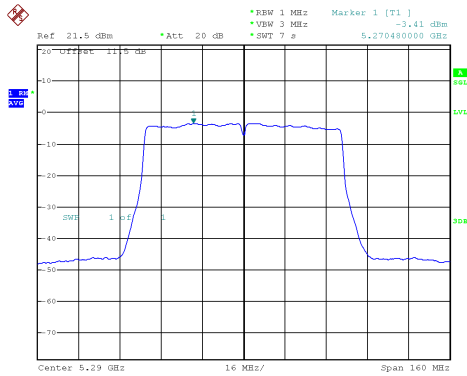


Power Spectral Density

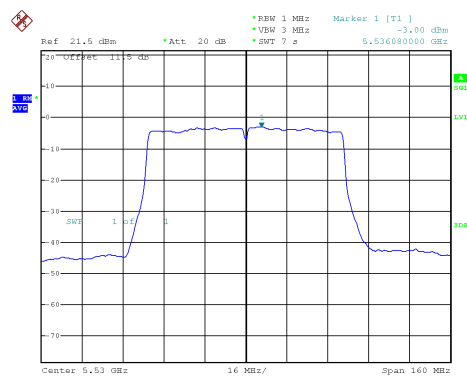
ANT A

Modulation Standard: 802.11ac VHT80 (29.3Mbps)

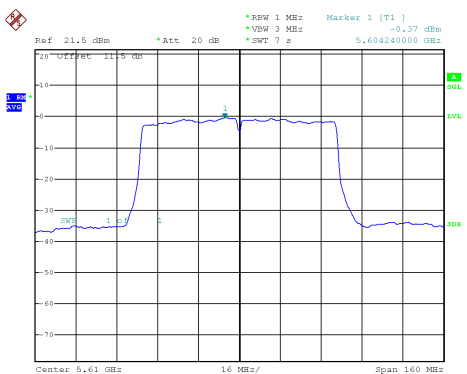
CH58



CH106



CH122



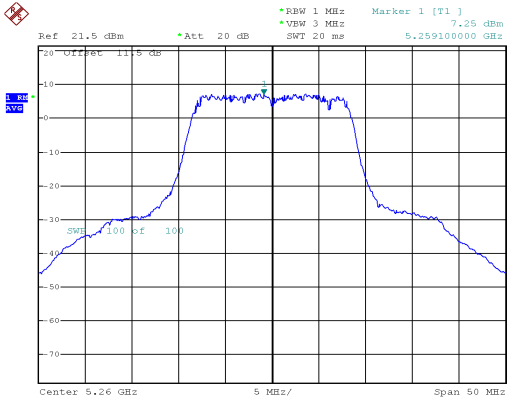
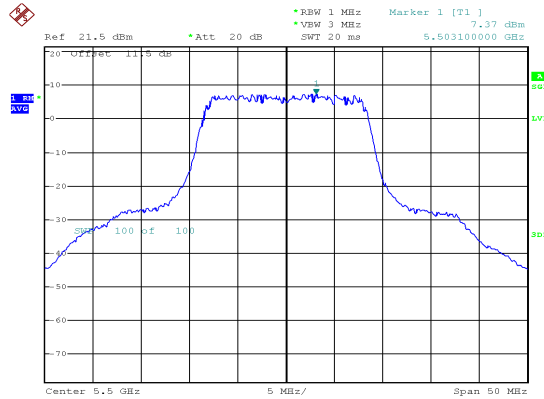


Power Spectral Density

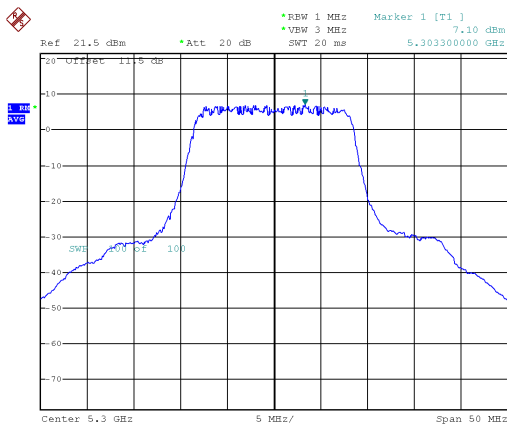
ANT B

Modulation Standard: 802.11a (6Mbps)

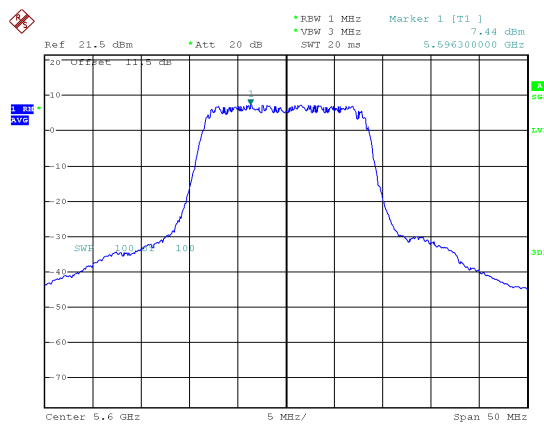
CH52

Modulation Standard: 802.11a (6Mbps)
CH100

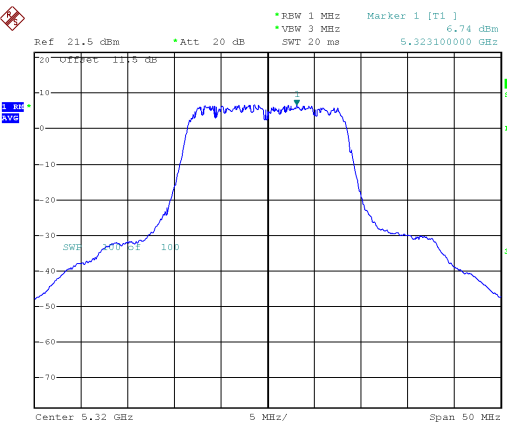
CH60



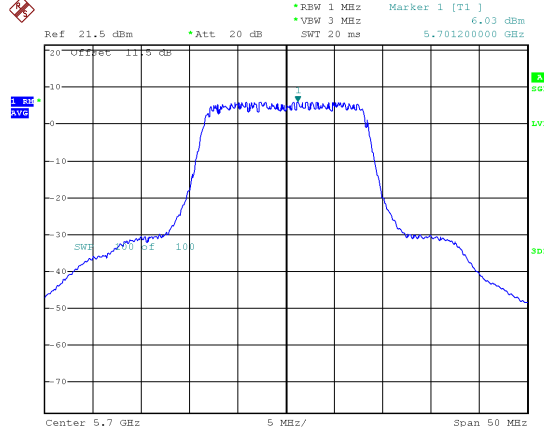
CH120



CH64



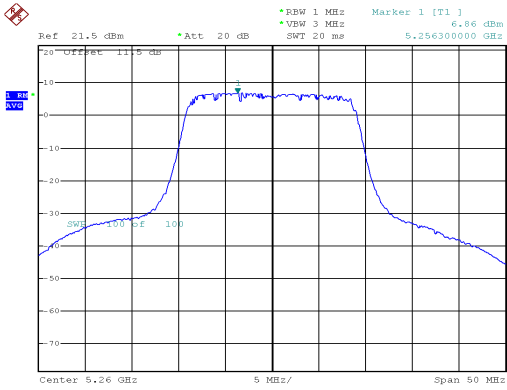
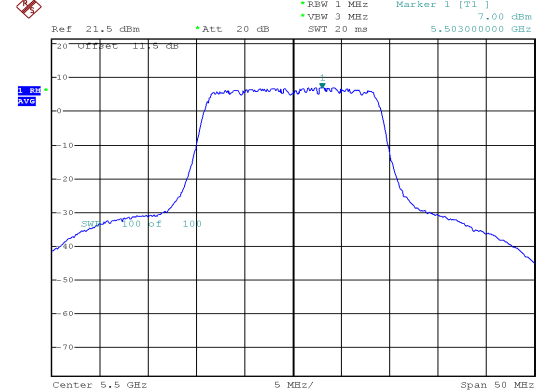
CH140



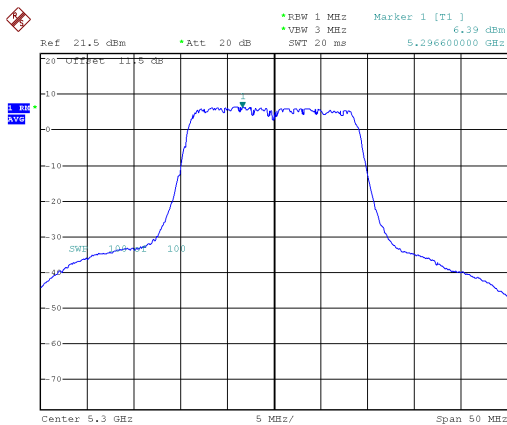


Power Spectral Density

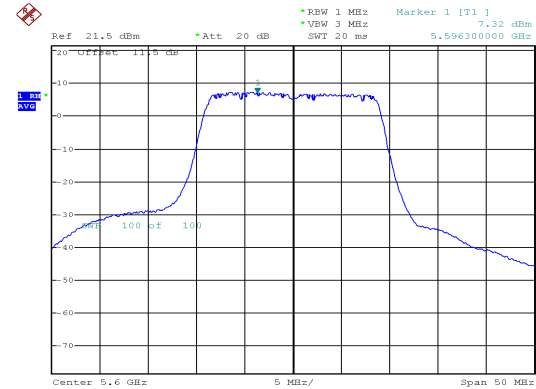
ANT B

Modulation Standard:802.11a VHT20 (6.5Mbps)
CH52Modulation Standard:802.11a VHT20 (6.5Mbps)
CH100

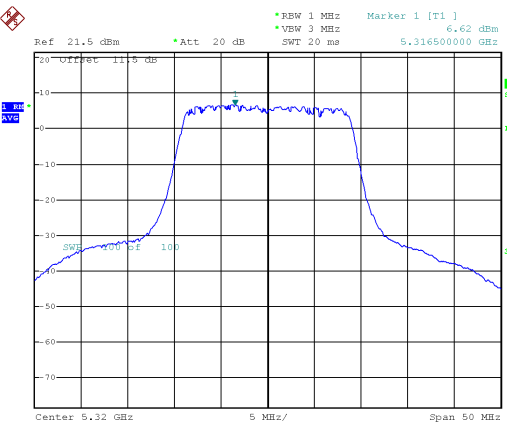
CH60



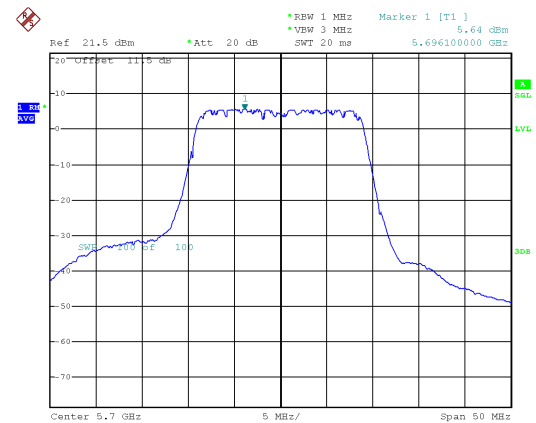
CH120



CH64



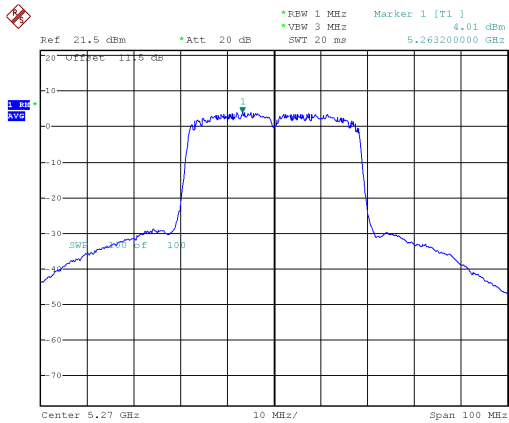
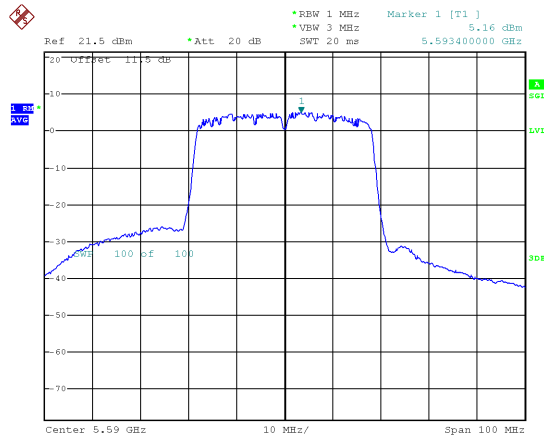
CH140



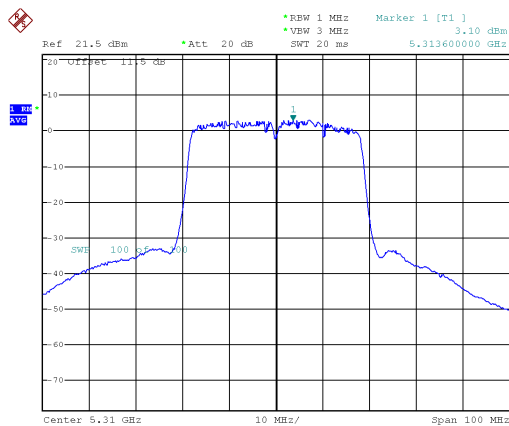


Power Spectral Density

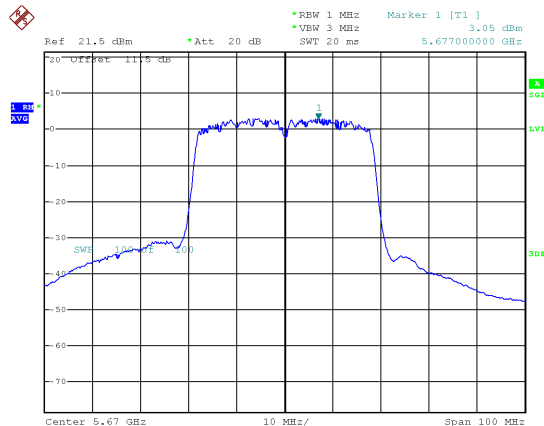
ANT B

Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH54Modulation Standard: 802.11ac VHT40 (13.5Mbps)
CH118

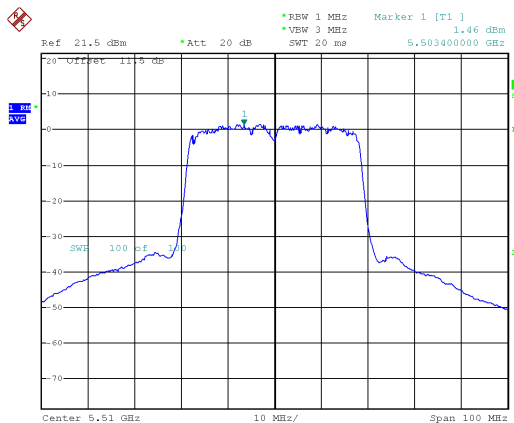
CH62



CH134



CH102



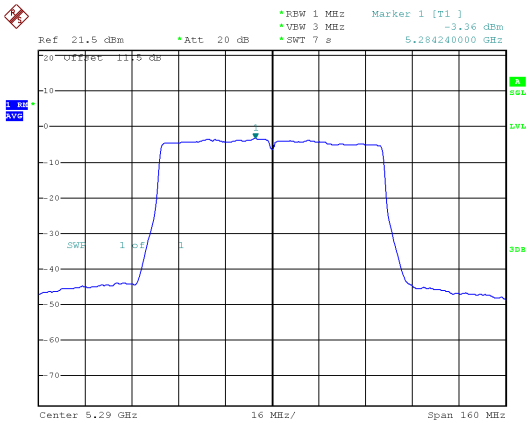


Power Spectral Density

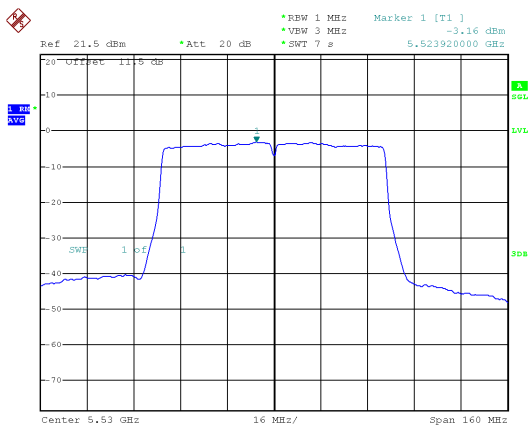
ANT B

Modulation Standard: 802.11ac VHT80 (29.3Mbps)

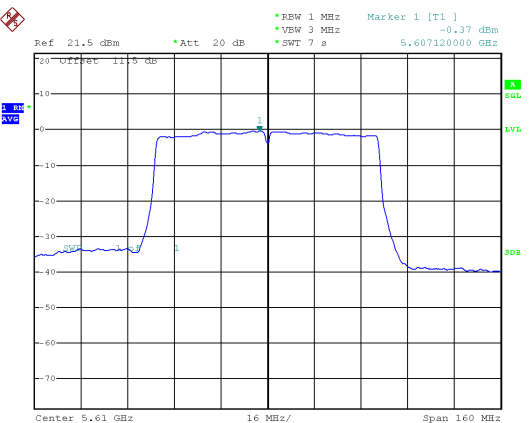
CH58



CH106



CH122



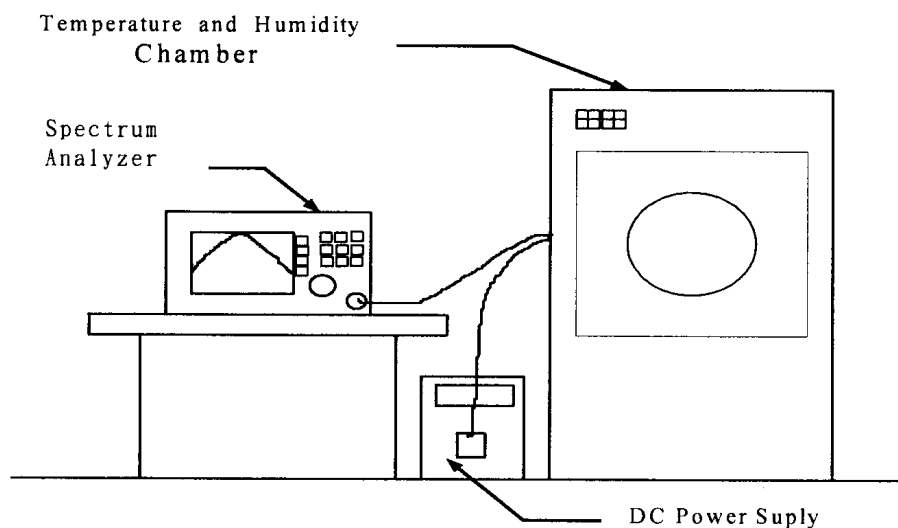


11. Frequency Stability

11.1. Test Procedure

1. The EUT was placed inside the Temperature and Humidity chamber.
2. The transmitter output was connected to spectrum analyzer.
3. Turn the EUT on and couple its output to a spectrum analyzer.
4. Turn the EUT off and set the chamber to the highest temperature specified.
5. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 minutes.
6. Repeat step 2 and 3 with the temperature chamber set to the lowest temperature.
7. The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

11.2. Test Setup Layout





11.3. Test Result and Data

Operating frequency: 5320 MHz							
Temp	Power supply	2 minute		5 minute		10 minute	
(°C)	(V)	(MHz)	(%)	(MHz)	(%)	(MHz)	(%)
50	102	5319.9732	-0.000503	5319.9247	-0.001415	5319.9836	-0.000308
	120	5319.9853	-0.000276	5319.9924	-0.000143	5319.9864	-0.000255
	138	5320.0333	0.000626	5319.9642	-0.000673	5319.9736	-0.000497
40	102	5319.9972	-0.000052	5320.0937	0.001761	5319.9640	-0.000678
	120	5320.0263	0.000494	5320.0589	0.001107	5320.0021	0.000040
	138	5319.9792	-0.000392	5319.9940	-0.000114	5320.0180	0.000338
30	102	5320.0492	0.000924	5320.0115	0.000216	5320.0877	0.001649
	120	5319.9613	-0.000727	5320.0508	0.000955	5319.9747	-0.000476
	138	5320.0487	0.000916	5319.9994	-0.000012	5319.9950	-0.000093
20	102	5320.0698	0.001312	5319.9472	-0.000993	5319.9916	-0.000157
	120	5320.0551	0.001035	5320.0725	0.001362	5319.9734	-0.000499
	138	5319.9646	-0.000666	5319.9741	-0.000487	5319.9263	-0.001385
10	102	5320.0910	0.001711	5320.0815	0.001531	5319.9482	-0.000974
	120	5320.0485	0.000911	5319.9731	-0.000505	5319.9440	-0.001053
	138	5320.0484	0.000909	5319.9943	-0.000108	5320.0383	0.000719
0	102	5320.0527	0.000990	5319.9484	-0.000970	5319.9948	-0.000098
	120	5319.9876	-0.000233	5319.9199	-0.001506	5319.9795	-0.000386
	138	5319.9649	-0.000659	5319.9108	-0.001677	5320.0295	0.000554
-10	102	5320.0661	0.001242	5320.0268	0.000504	5320.0362	0.000680
	120	5320.0239	0.000450	5319.9724	-0.000519	5319.9869	-0.000246
	138	5320.0404	0.000759	5319.9486	-0.000966	5320.0989	0.001858
-20	102	5319.9245	-0.001420	5319.9723	-0.000521	5320.0719	0.001351
	120	5320.0048	0.000090	5320.0211	0.000396	5320.0968	0.001819
	138	5319.9312	-0.001294	5319.9659	-0.000640	5320.0573	0.001076
-30	102	5320.0012	0.000023	5320.0553	0.001039	5320.0732	0.001376
	120	5320.0743	0.001397	5320.0056	0.000106	5320.0991	0.001863
	138	5320.0546	0.001025	5320.0631	0.001185	5320.0275	0.000516

Limit:

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.



12. Automatically Discontinue Transmission

12.1.Limit of Automatically Discontinue Transmission

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

12.2.Test Result of Automatically Discontinue Transmission

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.