

	5670 MHz	5.90	P
802.11ax- HE80	5210MHz	-0.46	P
	5290MHz	1.14	P
	5530MHz	2.35	P
	5610MHz	4.37	P

(W1&W2&W3&W4)

Mode	Frequency	Power Spectral Density (dBm/MHz)	Conclusion
802.11a	5180 MHz	2.45	P
	5200 MHz	3.73	P
	5240 MHz	3.61	P
	5260 MHz	4.33	P
	5280 MHz	4.20	P
	5320 MHz	4.04	P
	5500 MHz	5.07	P
	5580 MHz	5.66	P
	5700 MHz	5.31	P
802.11n- HT20	5180 MHz	2.83	P
	5200 MHz	3.16	P
	5240 MHz	3.25	P
	5260 MHz	3.61	P
	5280 MHz	3.74	P
	5320 MHz	3.63	P
	5500 MHz	4.54	P
	5580 MHz	5.15	P
	5700 MHz	4.60	P
802.11ac- HT40	5190 MHz	-0.35	P
	5230 MHz	0.00	P
	5270 MHz	0.43	P
	5310 MHz	0.34	P
	5510 MHz	1.14	P
	5550 MHz	2.01	P
	5670 MHz	1.23	P
802.11ac HT80	5210MHz	-3.23	P
	5290MHz	-2.53	P
	5530MHz	-1.47	P
	5610MHz	-1.02	P
802.11ax- HE20	5180 MHz	8.30	P
	5200 MHz	7.29	P
	5240 MHz	7.70	P
	5260 MHz	6.87	P

	5280 MHz	6.87	P
	5320 MHz	6.87	P
	5500 MHz	6.98	P
	5580 MHz	5.86	P
	5700 MHz	5.86	P
802.11ax- HE40	5190 MHz	3.28	P
	5230 MHz	3.74	P
	5270 MHz	4.57	P
	5310 MHz	4.82	P
	5510 MHz	5.40	P
	5550 MHz	6.71	P
	5670 MHz	6.82	P
802.11ax- HE80	5210MHz	-0.56	P
	5290MHz	0.24	P
	5530MHz	1.08	P
	5610MHz	4.07	P

Conclusion: PASS

A.4. Occupied 26dB Bandwidth(conducted)

Measurement Limit:

Standard	Limit (kHz)
FCC 47 CFR Part 15.403 (i)	/

The measurement is made according to KDB 789033

Measurement Uncertainty:

Measurement Uncertainty	60.80Hz
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Measurement Result:

SISO-W3

Mode	Frequency	Occupied 26dB Bandwidth (MHz)		conclusion
802.11a	5180 MHz	Fig.1	20.35	P
	5200 MHz	Fig.2	20.35	P
	5240 MHz	Fig.3	20.50	P
	5260 MHz	Fig.4	20.40	P
	5280 MHz	Fig.5	20.55	P
	5320 MHz	Fig.6	20.45	P
	5500 MHz	Fig.7	20.50	P
	5580 MHz	Fig.8	20.20	P
	5700 MHz	Fig.9	20.40	P
802.11n HT20	5180 MHz	Fig.10	21.50	P
	5200 MHz	Fig.11	21.45	P
	5240 MHz	Fig.12	21.50	P
	5260 MHz	Fig.13	21.50	P
	5280 MHz	Fig.14	21.55	P
	5320 MHz	Fig.15	21.55	P
	5500 MHz	Fig.16	21.45	P
	5580 MHz	Fig.17	21.80	P
	5700 MHz	Fig.18	21.10	P
802.11n HT40	5190 MHz	Fig.19	41.04	P
	5230 MHz	Fig.20	41.28	P
	5270 MHz	Fig.21	40.64	P
	5310 MHz	Fig.22	40.64	P
	5510 MHz	Fig.23	40.48	P
	5550 MHz	Fig.24	40.56	P
	5670 MHz	Fig.25	40.48	P
802.11ac HT80	5210MHz	Fig.26	89.60	P
	5290MHz	Fig.27	90.40	P
	5530MHz	Fig.28	91.04	P

	5610MHz	Fig.29	91.04	P
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SISO-W4

Mode	Frequency	Occupied 26dB Bandwidth (MHz)		conclusion
802.11ax- HE20	5180 MHz	Fig.30	25.20	P
	5200 MHz	Fig.31	24.70	P
	5240 MHz	Fig.32	24.95	P
	5260 MHz	Fig.33	24.90	P
	5280 MHz	Fig.34	24.65	P
	5320 MHz	Fig.35	25.15	P
	5500 MHz	Fig.36	25.05	P
	5580 MHz	Fig.37	25.60	P
	5700 MHz	Fig.38	24.75	P
802.11ax- HE40	5190 MHz	Fig.39	46.32	P
	5230 MHz	Fig.40	45.92	P
	5270 MHz	Fig.41	45.44	P
	5310 MHz	Fig.42	46.00	P
	5510 MHz	Fig.43	47.20	P
	5550 MHz	Fig.44	45.60	P
	5670 MHz	Fig.45	46.16	P
802.11ax- HE80	5210MHz	Fig.46	100.00	P
	5290MHz	Fig.47	104.48	P
	5530MHz	Fig.48	127.20	P
	5610MHz	Fig.49	103.84	P

(W3&W4-W3)

Mode	Frequency	Occupied 26dB Bandwidth (MHz)		conclusion
802.11a	5180 MHz	Fig.50	23.45	P
	5200 MHz	Fig.51	23.25	P
	5240 MHz	Fig.52	22.90	P
	5260 MHz	Fig.53	22.95	P
	5280 MHz	Fig.54	23.30	P
	5320 MHz	Fig.55	22.85	P
	5500 MHz	Fig.56	21.90	P
	5580 MHz	Fig.57	22.50	P
	5700 MHz	Fig.58	22.45	P
802.11n- HT20	5180 MHz	Fig.59	23.90	P
	5200 MHz	Fig.60	24.35	P
	5240 MHz	Fig.61	24.60	P
	5260 MHz	Fig.62	24.30	P
	5280 MHz	Fig.63	24.00	P

	5320 MHz	Fig.64	24.05	P
	5500 MHz	Fig.65	23.65	P
	5580 MHz	Fig.66	24.10	P
	5700 MHz	Fig.67	23.95	P
802.11ac- HT40	5190 MHz	Fig.68	44.40	P
	5230 MHz	Fig.69	45.20	P
	5270 MHz	Fig.70	44.48	P
	5310 MHz	Fig.71	44.24	P
	5510 MHz	Fig.72	44.72	P
	5550 MHz	Fig.73	42.80	P
	5670 MHz	Fig.74	45.12	P
802.11ac- HT80	5210MHz	Fig.75	89.76	P
	5290MHz	Fig.76	88.48	P
	5530MHz	Fig.77	90.24	P
	5610MHz	Fig.78	87.52	P

(W3&W4-W4)

Mode	Frequency	Occupied 26dB Bandwidth (MHz)		conclusion
802.11ax- HE20	5180 MHz	Fig.79	24.80	P
	5200 MHz	Fig.80	24.95	P
	5240 MHz	Fig.81	25.00	P
	5260 MHz	Fig.82	25.45	P
	5280 MHz	Fig.83	25.00	P
	5320 MHz	Fig.84	24.85	P
	5500 MHz	Fig.85	24.35	P
	5580 MHz	Fig.86	21.15	P
	5700 MHz	Fig.87	22.25	P
802.11ax- HE40	5190 MHz	Fig.88	44.88	P
	5230 MHz	Fig.89	45.84	P
	5270 MHz	Fig.90	43.84	P
	5310 MHz	Fig.91	43.68	P
	5510 MHz	Fig.92	44.24	P
	5550 MHz	Fig.93	44.08	P
	5670 MHz	Fig.94	44.00	P
802.11ax- HE80	5210MHz	Fig.95	89.44	P
	5290MHz	Fig.96	89.60	P
	5530MHz	Fig.97	88.96	P
	5610MHz	Fig.98	86.40	P

(W2&W3&W4-W3)

Mode	Frequency	Occupied 26dB Bandwidth (MHz)		conclusion
802.11a	5180 MHz	Fig.99	23.25	P
	5200 MHz	Fig.100	22.80	P
	5240 MHz	Fig.101	22.55	P
	5260 MHz	Fig.102	23.00	P
	5280 MHz	Fig.103	22.75	P
	5320 MHz	Fig.104	23.30	P
	5500 MHz	Fig.105	22.00	P
	5580 MHz	Fig.106	21.00	P
	5700 MHz	Fig.107	21.55	P
802.11n HT20	5180 MHz	Fig.108	24.15	P
	5200 MHz	Fig.109	24.10	P
	5240 MHz	Fig.110	23.95	P
	5260 MHz	Fig.111	23.60	P
	5280 MHz	Fig.112	23.90	P
	5320 MHz	Fig.113	24.55	P
	5500 MHz	Fig.114	23.20	P
	5580 MHz	Fig.115	22.50	P
	5700 MHz	Fig.116	22.45	P
802.11ac- HT40	5190 MHz	Fig.117	44.64	P
	5230 MHz	Fig.118	44.16	P
	5270 MHz	Fig.119	43.12	P
	5310 MHz	Fig.120	42.64	P
	5510 MHz	Fig.121	44.00	P
	5550 MHz	Fig.122	43.36	P
	5670 MHz	Fig.123	42.80	P
802.11ac HT80	5210MHz	Fig.124	88.64	P
	5290MHz	Fig.125	88.00	P
	5530MHz	Fig.126	86.56	P
	5610MHz	Fig.127	88.16	P

(W2&W3&W4-W4)

Mode	Frequency	Occupied 26dB Bandwidth (MHz)		conclusion
802.11ax- HE20	5180 MHz	Fig.128	24.90	P
	5200 MHz	Fig.129	23.60	P
	5240 MHz	Fig.130	24.75	P
	5260 MHz	Fig.131	24.20	P
	5280 MHz	Fig.132	23.85	P
	5320 MHz	Fig.133	24.50	P
	5500 MHz	Fig.134	24.15	P

	5580 MHz	Fig.135	23.90	P
	5700 MHz	Fig.136	22.20	P
802.11ax- HE40	5190 MHz	Fig.137	44.80	P
	5230 MHz	Fig.138	45.04	P
	5270 MHz	Fig.139	44.48	P
	5310 MHz	Fig.140	44.64	P
	5510 MHz	Fig.141	42.72	P
	5550 MHz	Fig.142	43.28	P
	5670 MHz	Fig.143	42.96	P
802.11ax- HE80	5210MHz	Fig.144	89.28	P
	5290MHz	Fig.145	89.44	P
	5530MHz	Fig.146	88.96	P
	5610MHz	Fig.147	86.08	P

(W1&W2&W3&W4-W3)

Mode	Frequency	Occupied 26dB Bandwidth (MHz)		conclusion
802.11a	5180 MHz	Fig.148	23.20	P
	5200 MHz	Fig.149	22.55	P
	5240 MHz	Fig.150	23.25	P
	5260 MHz	Fig.151	22.95	P
	5280 MHz	Fig.152	22.60	P
	5320 MHz	Fig.153	23.40	P
	5500 MHz	Fig.154	22.25	P
	5580 MHz	Fig.155	23.80	P
	5700 MHz	Fig.156	22.40	P
802.11n- HT20	5180 MHz	Fig.157	24.30	P
	5200 MHz	Fig.158	24.25	P
	5240 MHz	Fig.159	23.50	P
	5260 MHz	Fig.160	23.85	P
	5280 MHz	Fig.161	23.85	P
	5320 MHz	Fig.162	23.70	P
	5500 MHz	Fig.163	24.10	P
	5580 MHz	Fig.164	23.50	P
	5700 MHz	Fig.165	23.95	P
802.11ac- HT40	5190 MHz	Fig.166	44.24	P
	5230 MHz	Fig.167	43.76	P
	5270 MHz	Fig.168	43.28	P
	5310 MHz	Fig.169	43.12	P
	5510 MHz	Fig.170	43.44	P
	5550 MHz	Fig.171	44.08	P
	5670 MHz	Fig.172	40.80	P
802.11ac-	5210MHz	Fig.173	88.80	P

HT80	5290MHz	Fig.174	87.52	P
	5530MHz	Fig.175	86.40	P
	5610MHz	Fig.176	88.80	P

(W2&W2&W3&W4-W2)

Mode	Frequency	Occupied 26dB Bandwidth (MHz)		conclusion
802.11ax- HE20	5180 MHz	Fig.177	24.50	P
	5200 MHz	Fig.178	24.80	P
	5240 MHz	Fig.179	24.90	P
	5260 MHz	Fig.180	24.50	P
	5280 MHz	Fig.181	25.20	P
	5320 MHz	Fig.182	23.00	P
	5500 MHz	Fig.183	22.40	P
	5580 MHz	Fig.184	22.65	P
	5700 MHz	Fig.185	25.45	P
802.11ax- HE40	5190 MHz	Fig.186	45.20	P
	5230 MHz	Fig.187	44.00	P
	5270 MHz	Fig.188	43.52	P
	5310 MHz	Fig.189	42.48	P
	5510 MHz	Fig.190	43.92	P
	5550 MHz	Fig.191	43.20	P
	5670 MHz	Fig.192	41.68	P
802.11ax- HE80	5210MHz	Fig.193	88.96	P
	5290MHz	Fig.194	86.72	P
	5530MHz	Fig.195	88.16	P
	5610MHz	Fig.196	82.72	P

Conclusion: PASS

Test graphs as below:

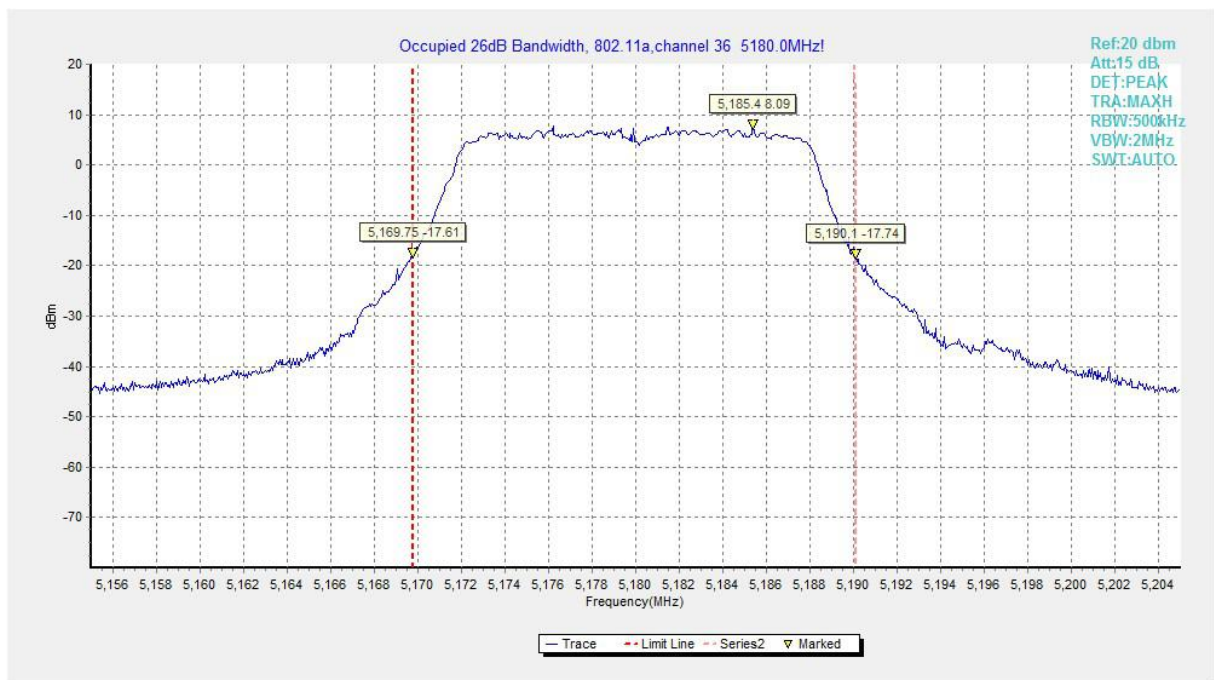


Fig.1 Occupied 26dB Bandwidth (802.11a, 5180MHz)

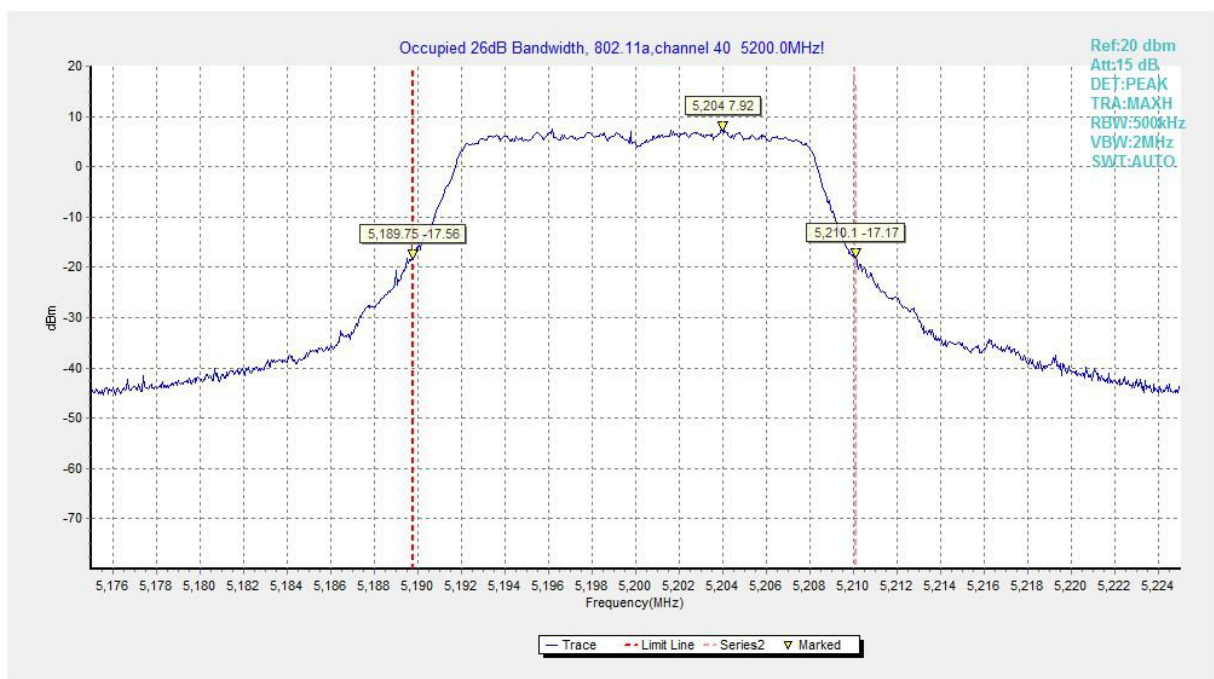


Fig.2 Occupied 26dB Bandwidth (802.11a, 5200MHz)

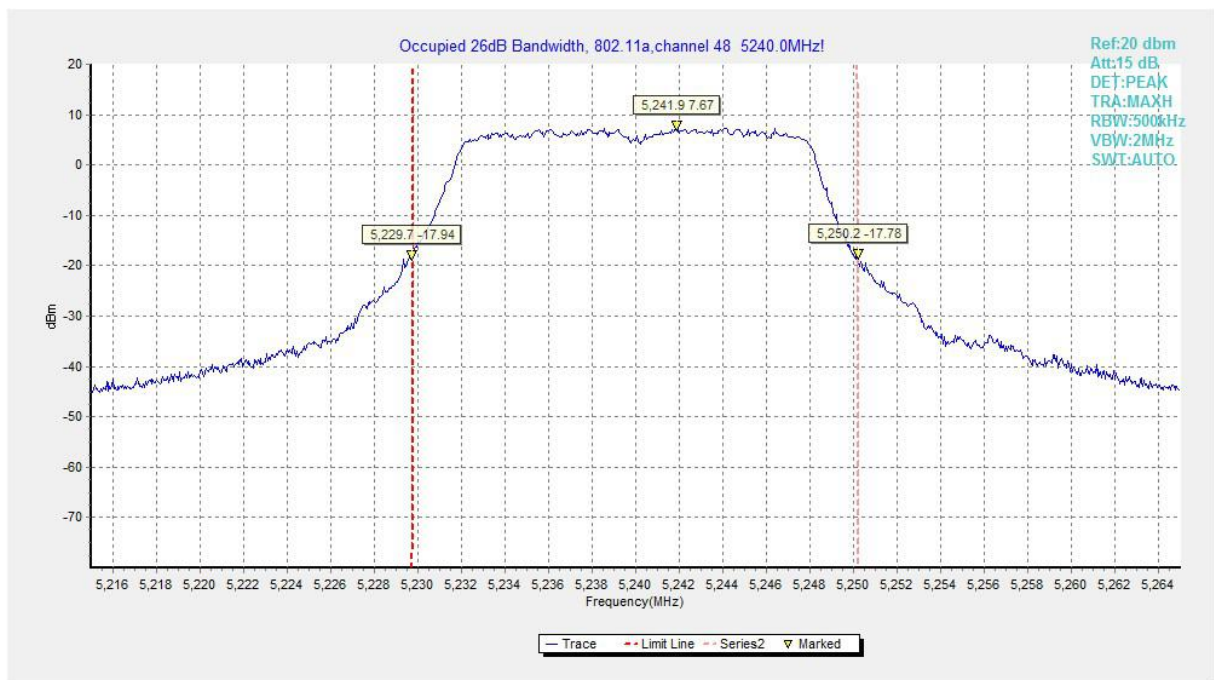


Fig.3 Occupied 26dB Bandwidth (802.11a, 5240MHz)

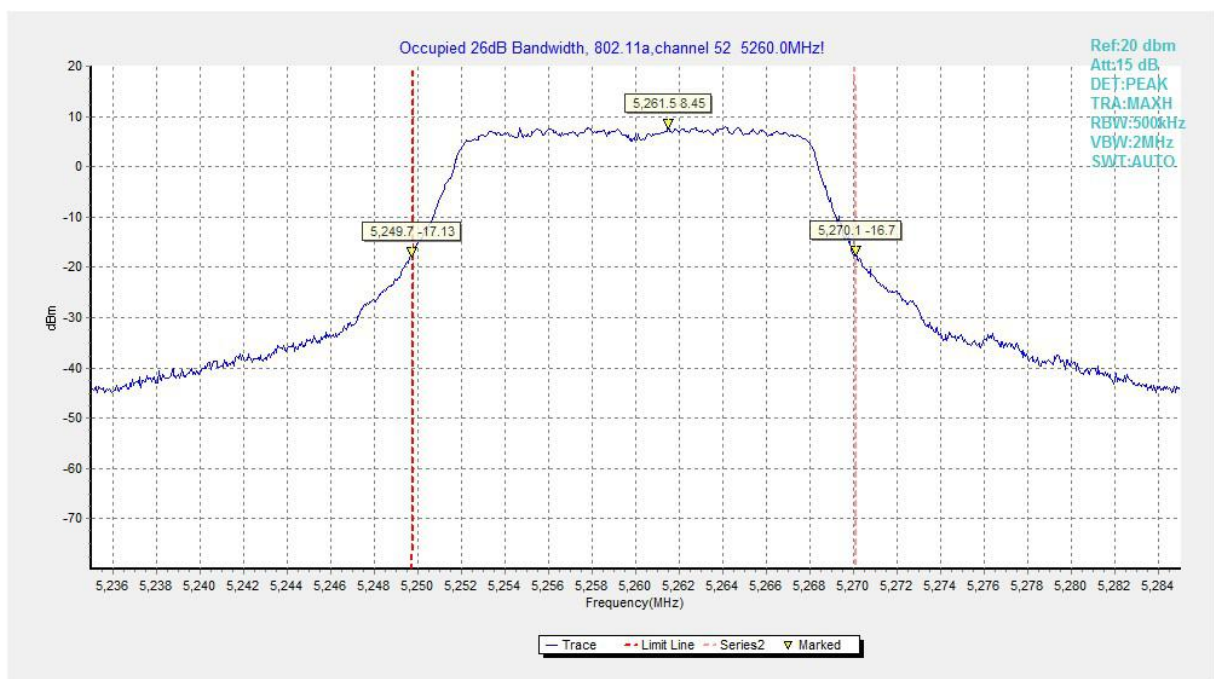


Fig.4 Occupied 26dB Bandwidth (802.11a, 5260MHz)

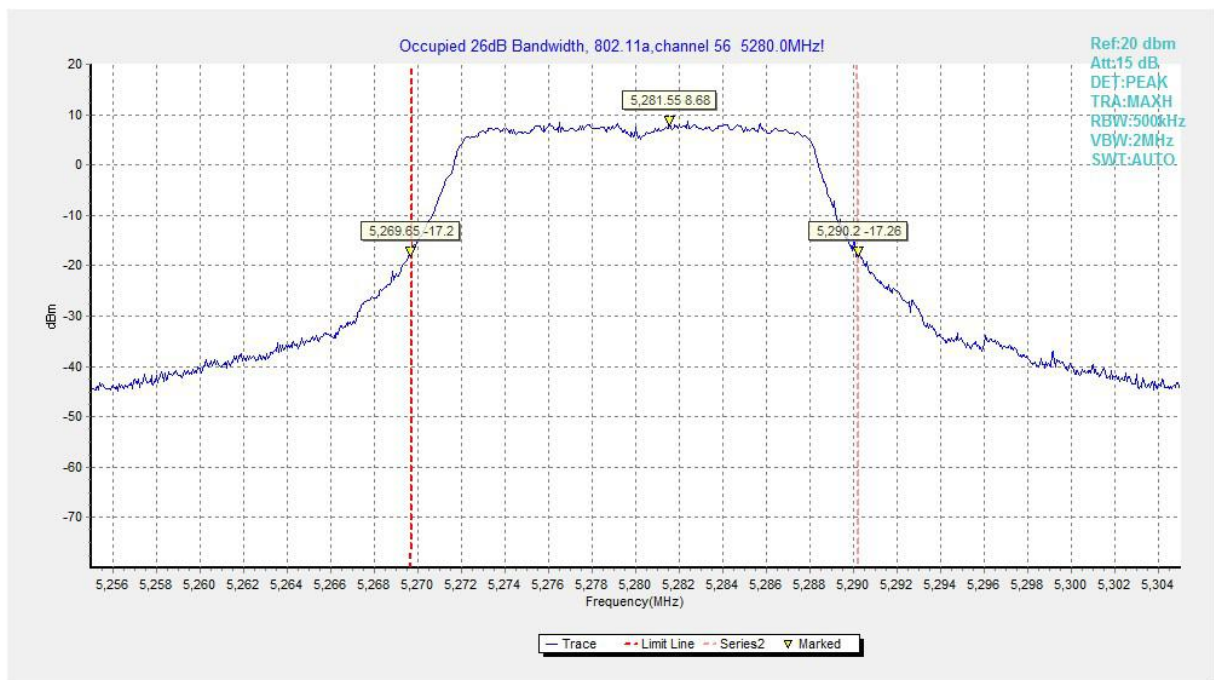


Fig.5 Occupied 26dB Bandwidth (802.11a, 5280MHz)

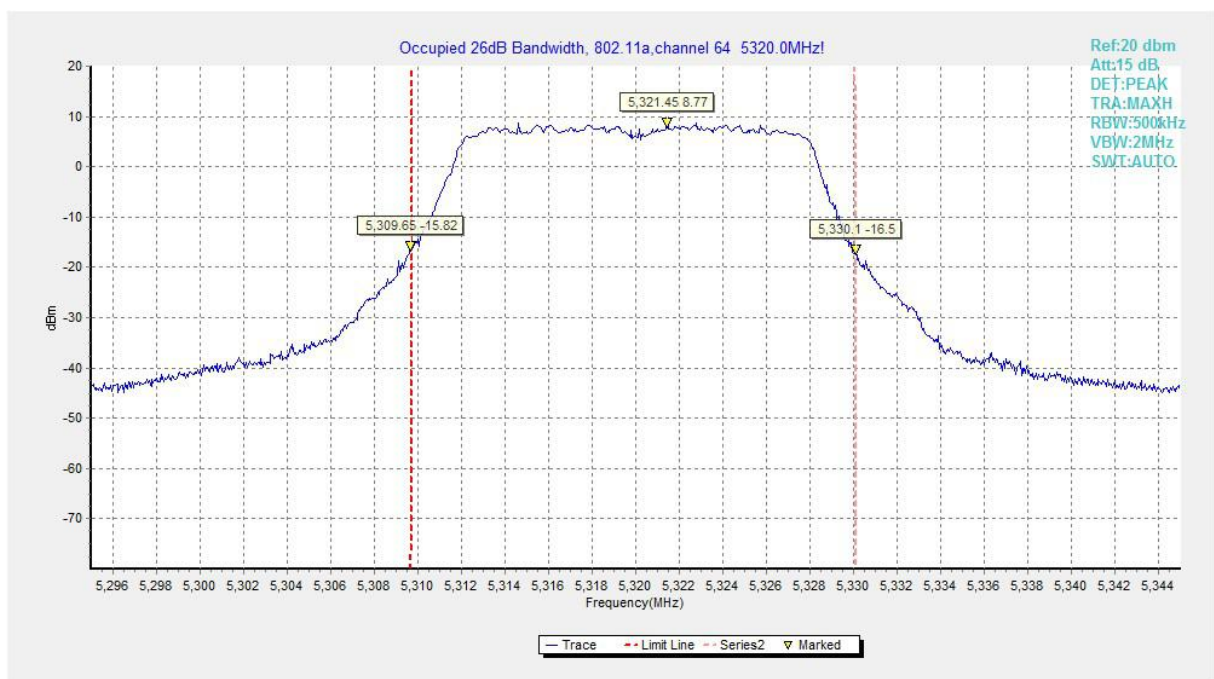


Fig.6 Occupied 26dB Bandwidth (802.11a, 5320MHz)

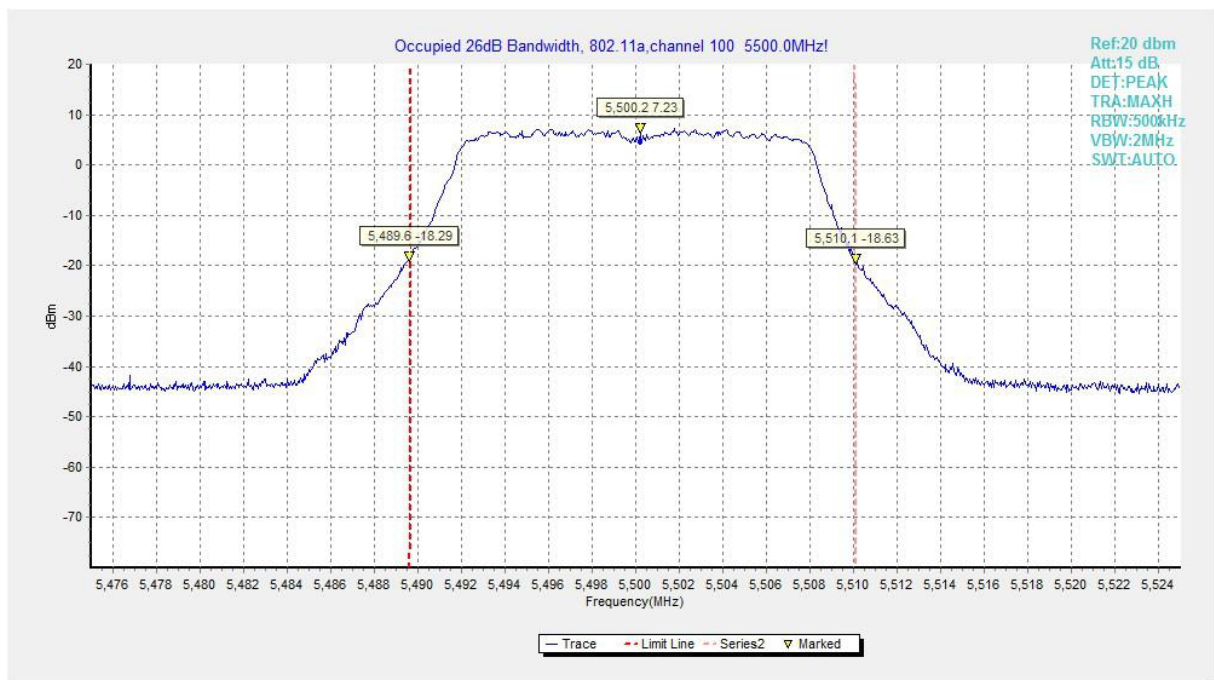


Fig.7 Occupied 26dB Bandwidth (802.11a, 5500MHz)

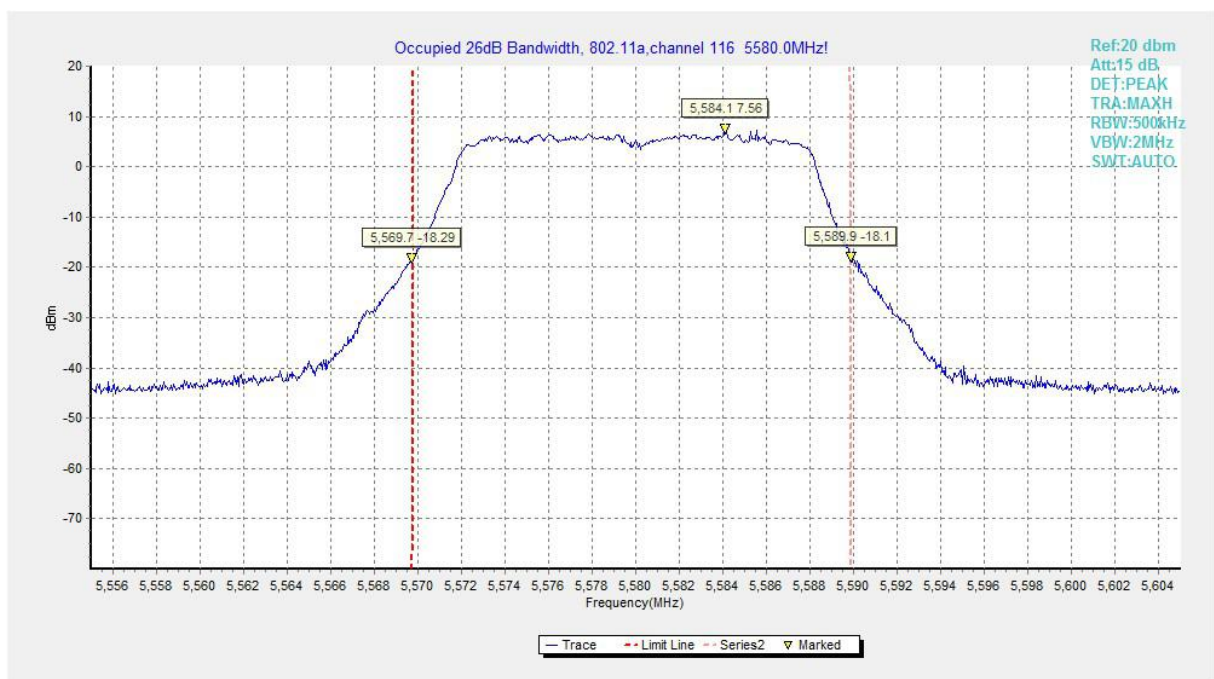


Fig.8 Occupied 26dB Bandwidth (802.11a, 5580MHz)

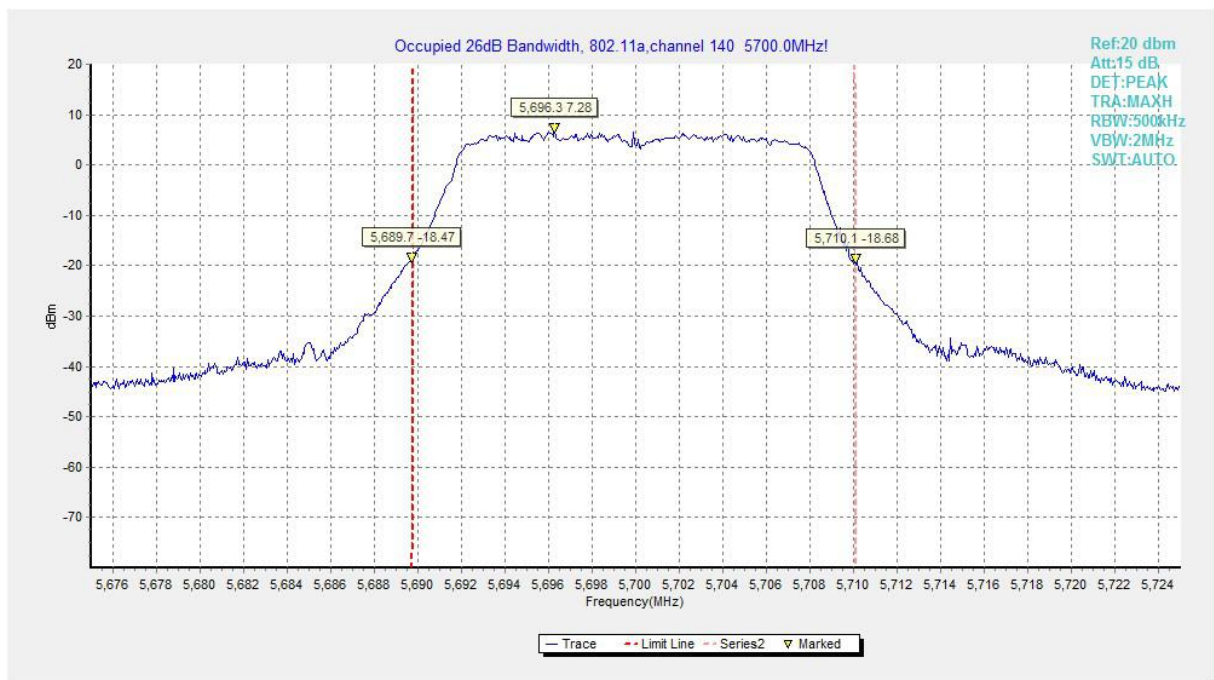


Fig.9 Occupied 26dB Bandwidth (802.11a, 5700MHz)

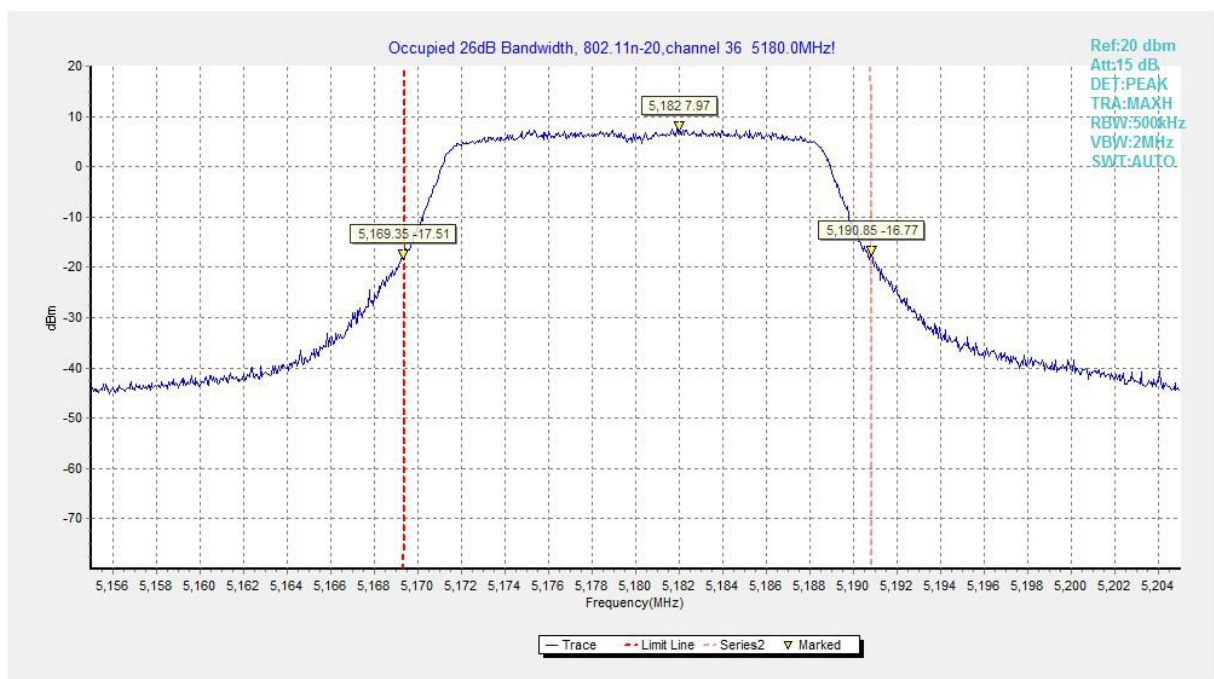


Fig.10 Occupied 26dB Bandwidth (802.11n-HT20, 5180MHz)

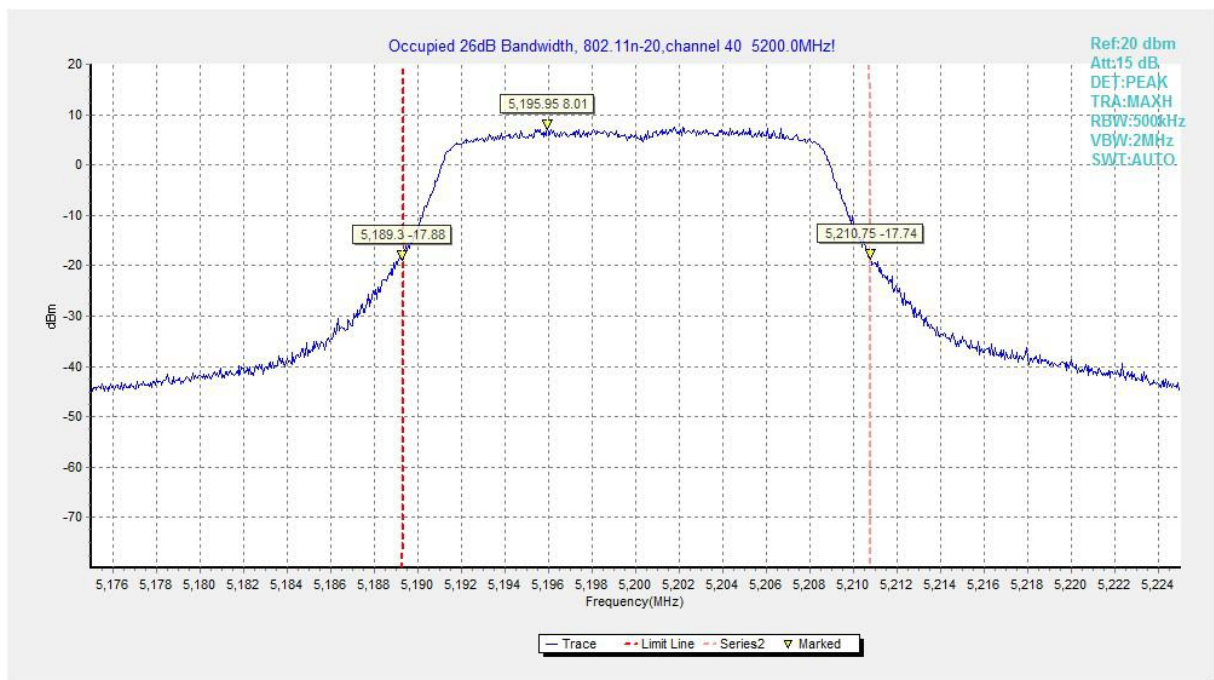


Fig.11 Occupied 26dB Bandwidth (802.11n-HT20, 5200MHz)

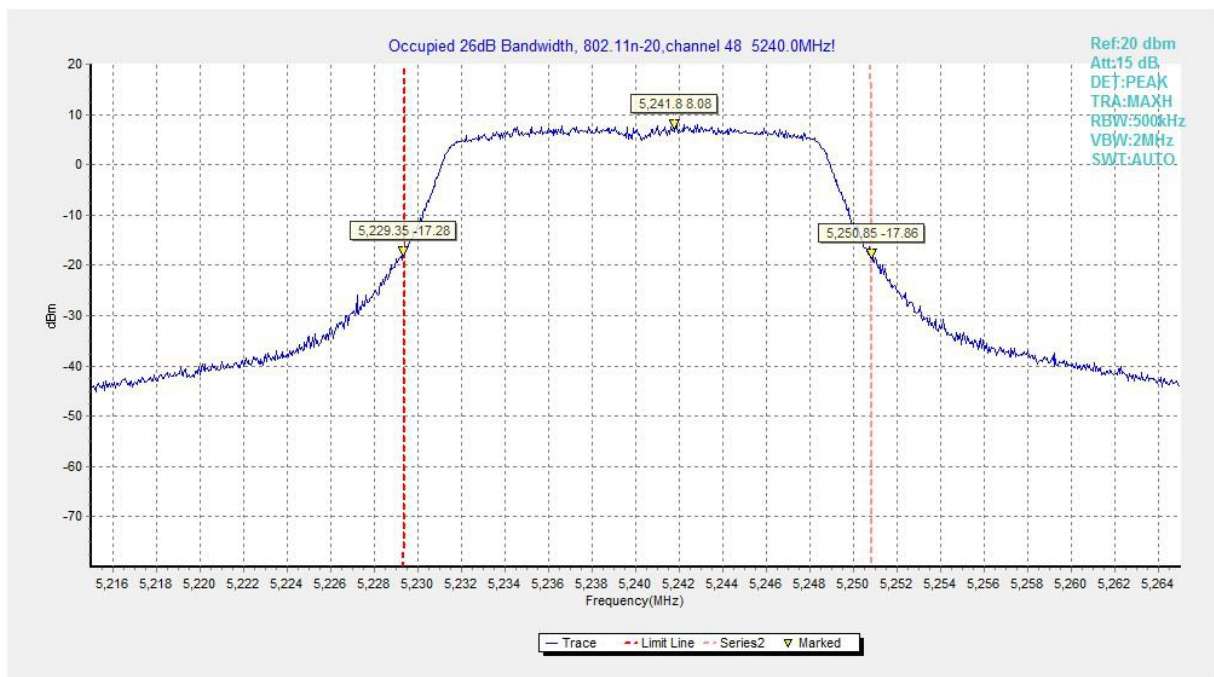


Fig.12 Occupied 26dB Bandwidth (802.11n-HT20, 5240MHz)

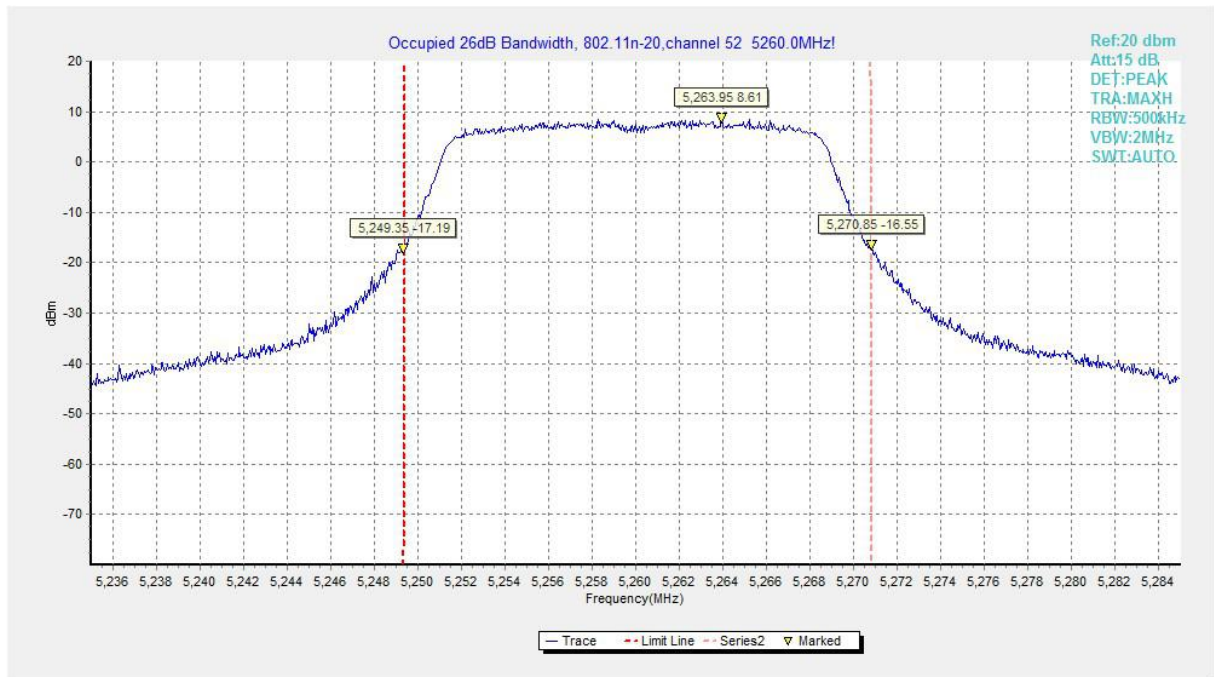


Fig.13 Occupied 26dB Bandwidth (802.11n-HT20, 5260MHz)

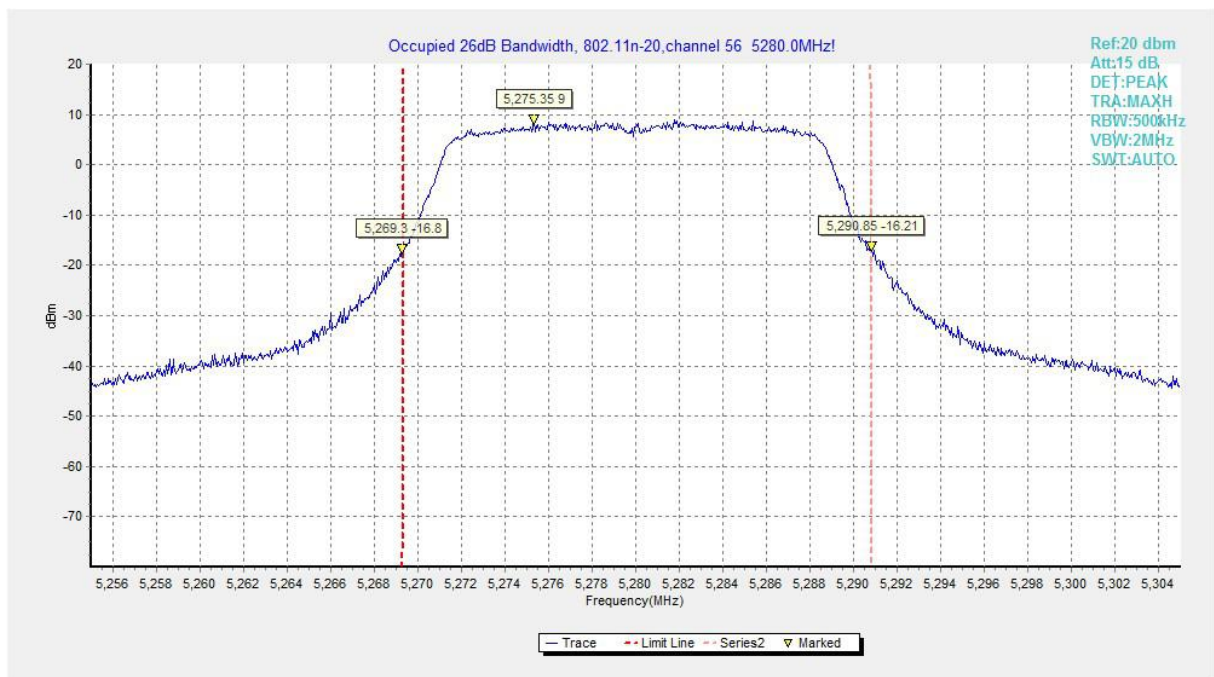


Fig.14 Occupied 26dB Bandwidth (802.11n-HT20, 5280MHz)

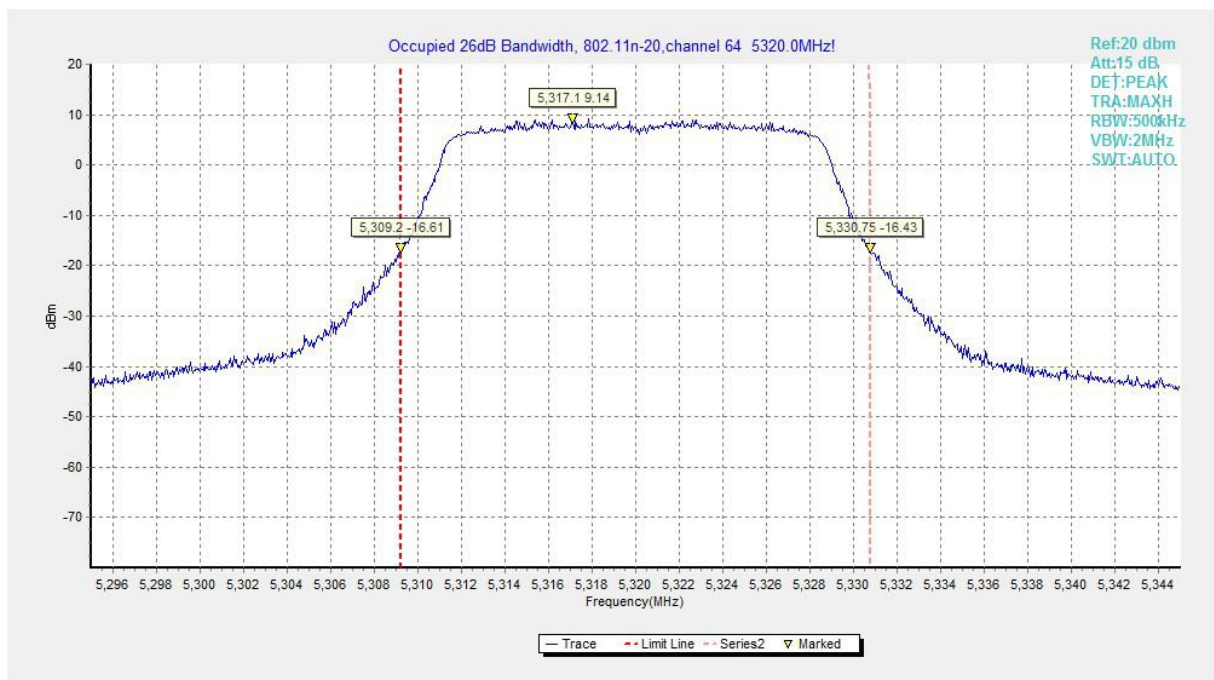


Fig.15 Occupied 26dB Bandwidth (802.11n-HT20, 5320MHz)

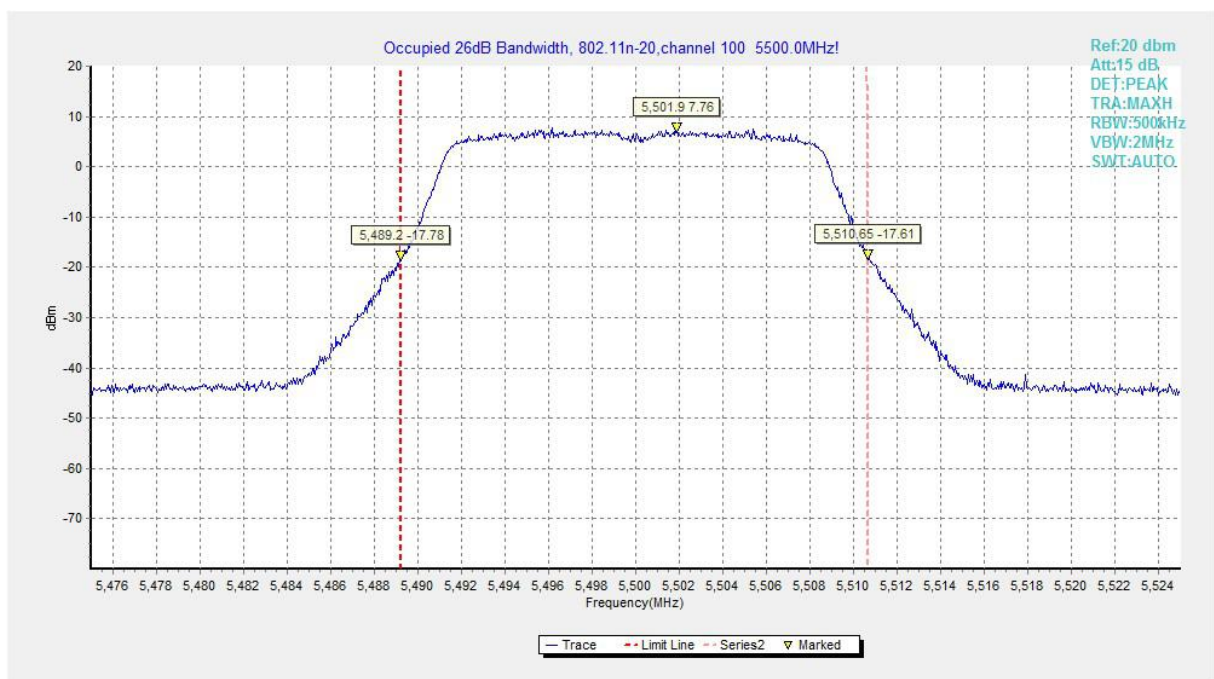


Fig.16 Occupied 26dB Bandwidth (802. 11n-HT20, 5500MHz)

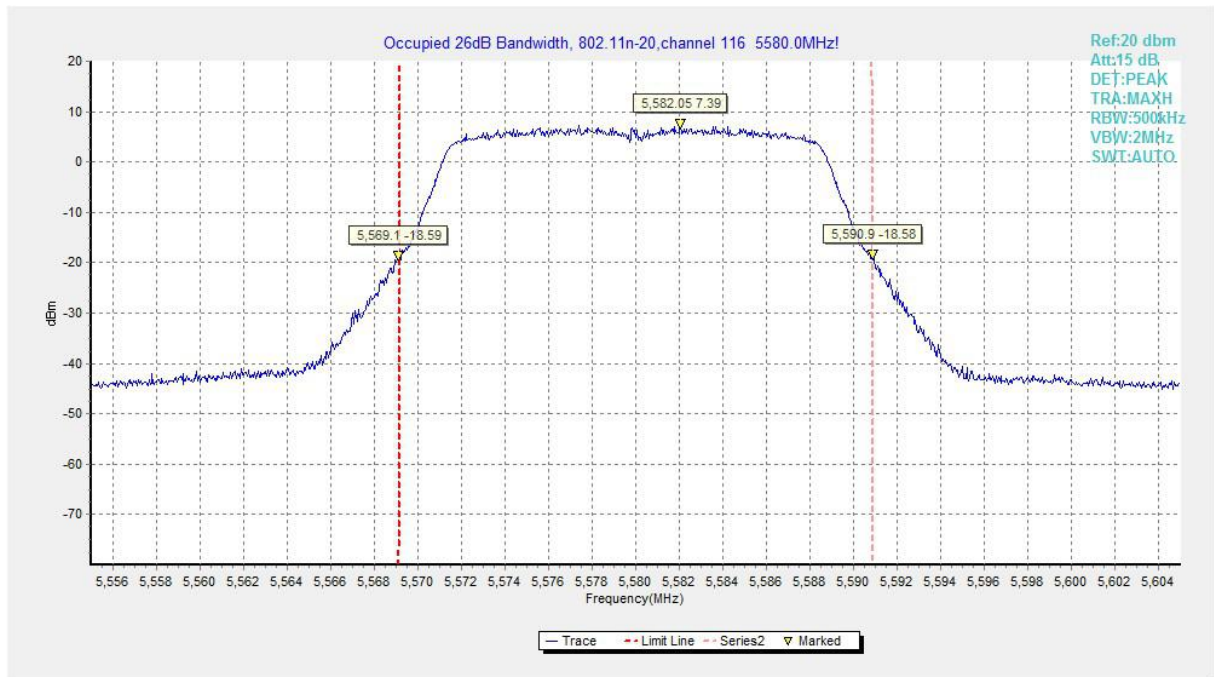


Fig.17 Occupied 26dB Bandwidth (802. 11n-HT20, 5580MHz)

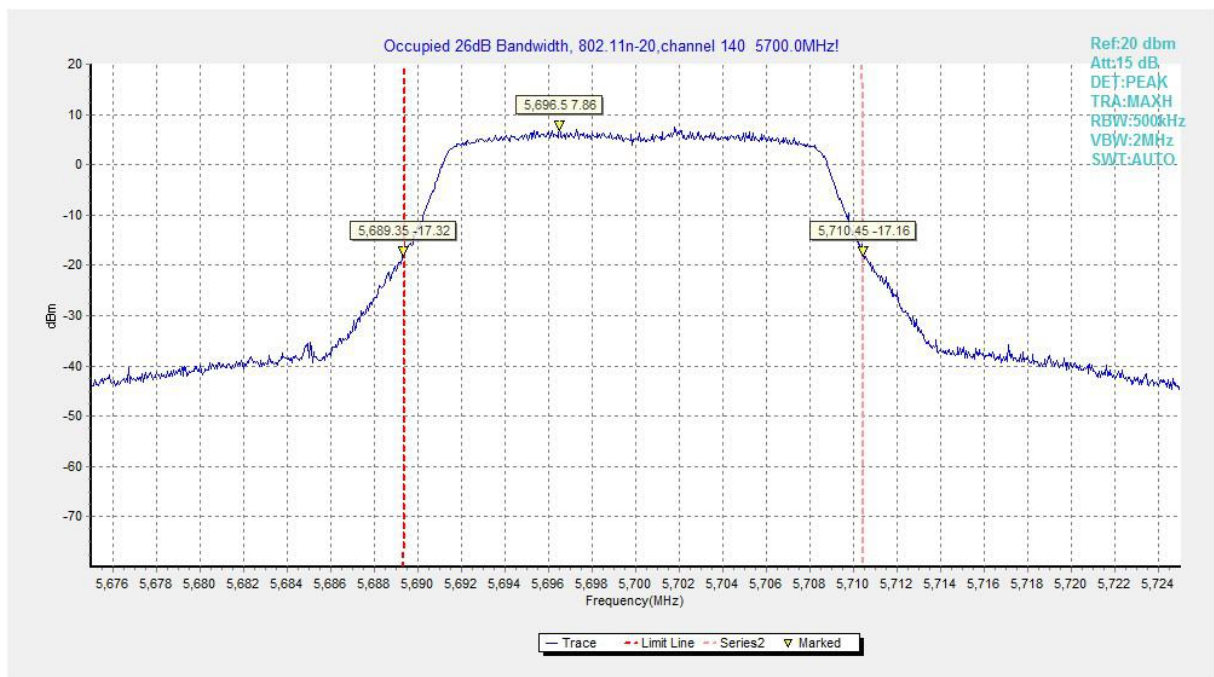


Fig.18 Occupied 26dB Bandwidth (802. 11n-HT20, 5700MHz)

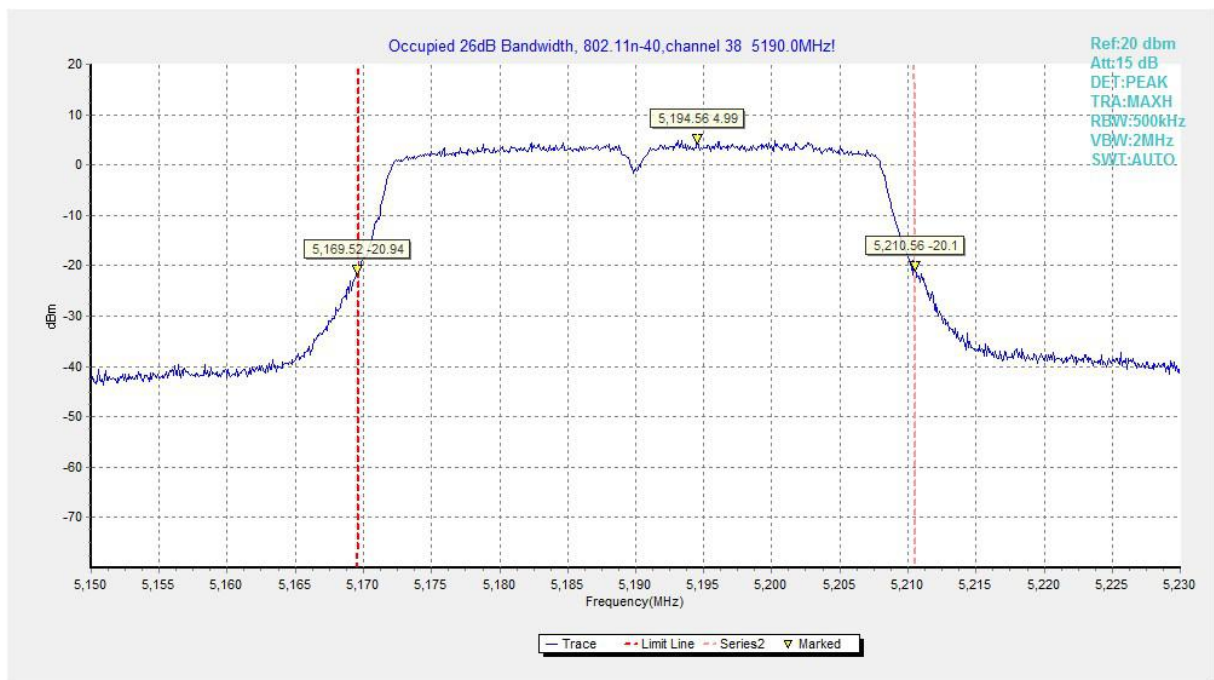


Fig.19 Occupied 26dB Bandwidth (802.11n-HT40, 5190MHz)

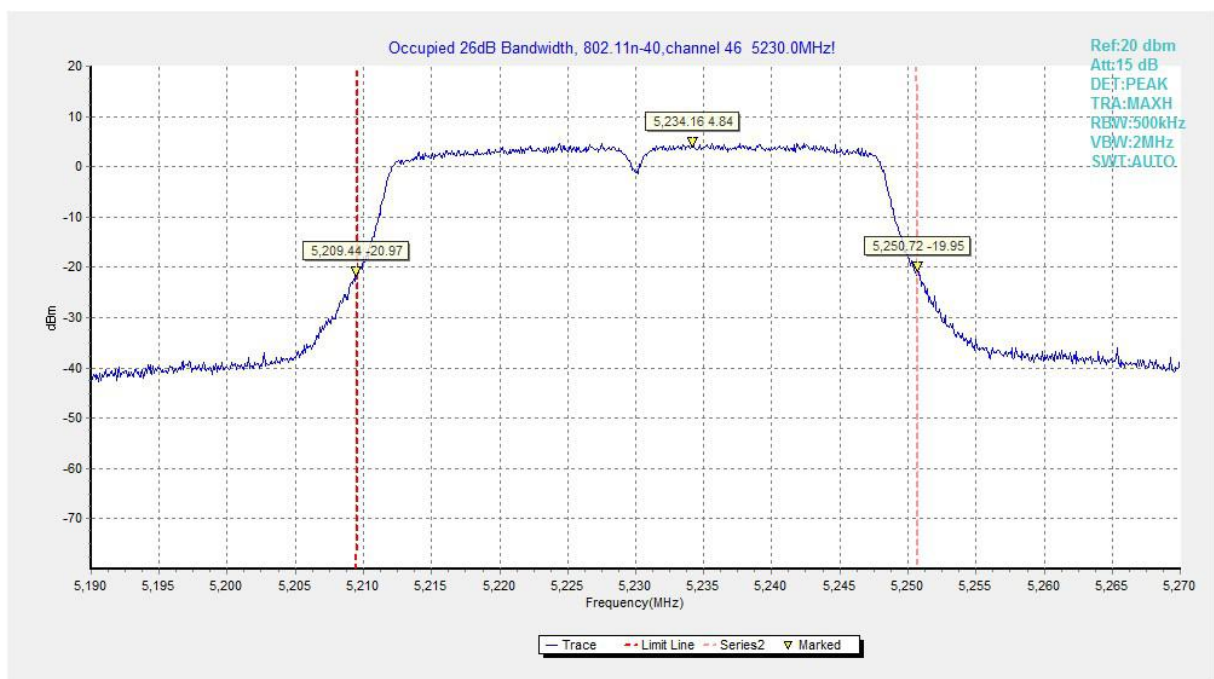


Fig.20 Occupied 26dB Bandwidth (802.11n-HT40, 5230MHz)

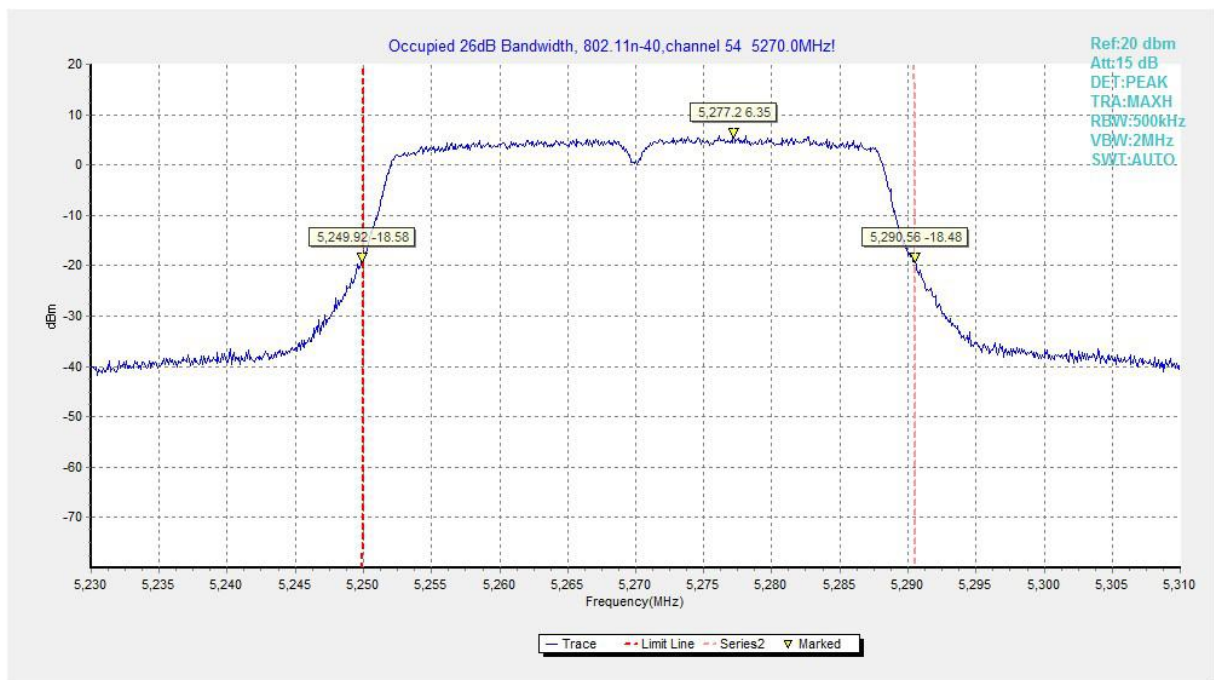


Fig.21 Occupied 26dB Bandwidth (802.11n-HT40, 5270MHz)

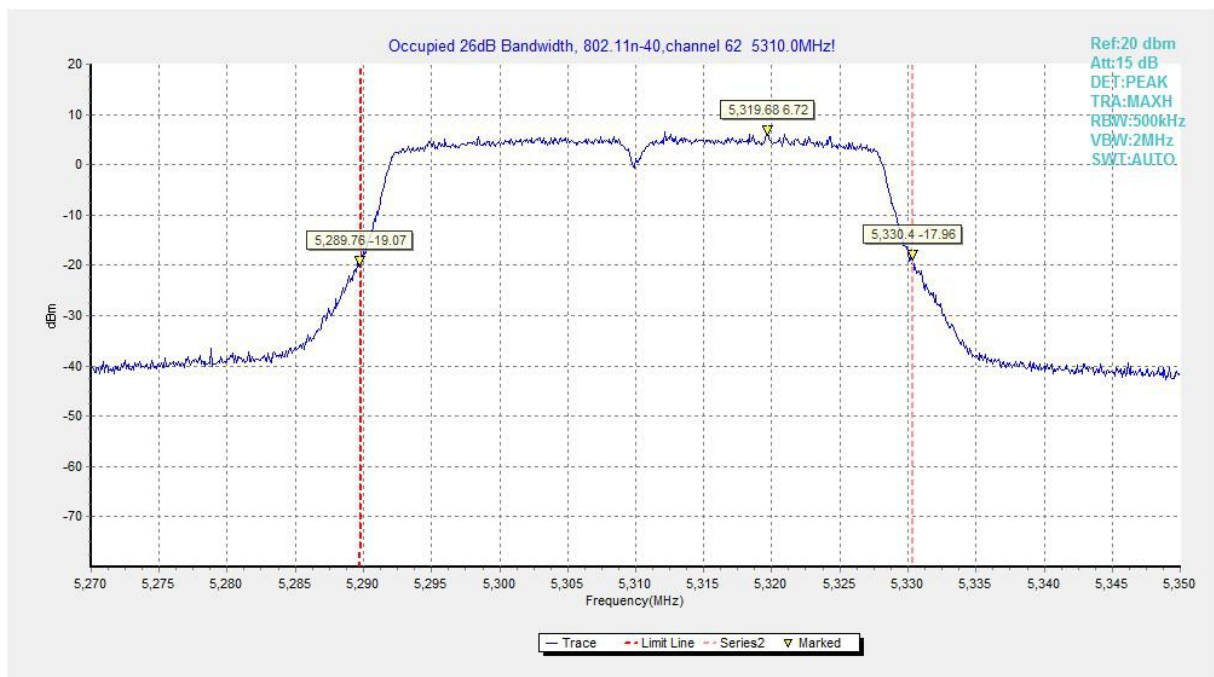


Fig.22 Occupied 26dB Bandwidth (802.11n-HT40, 5310MHz)

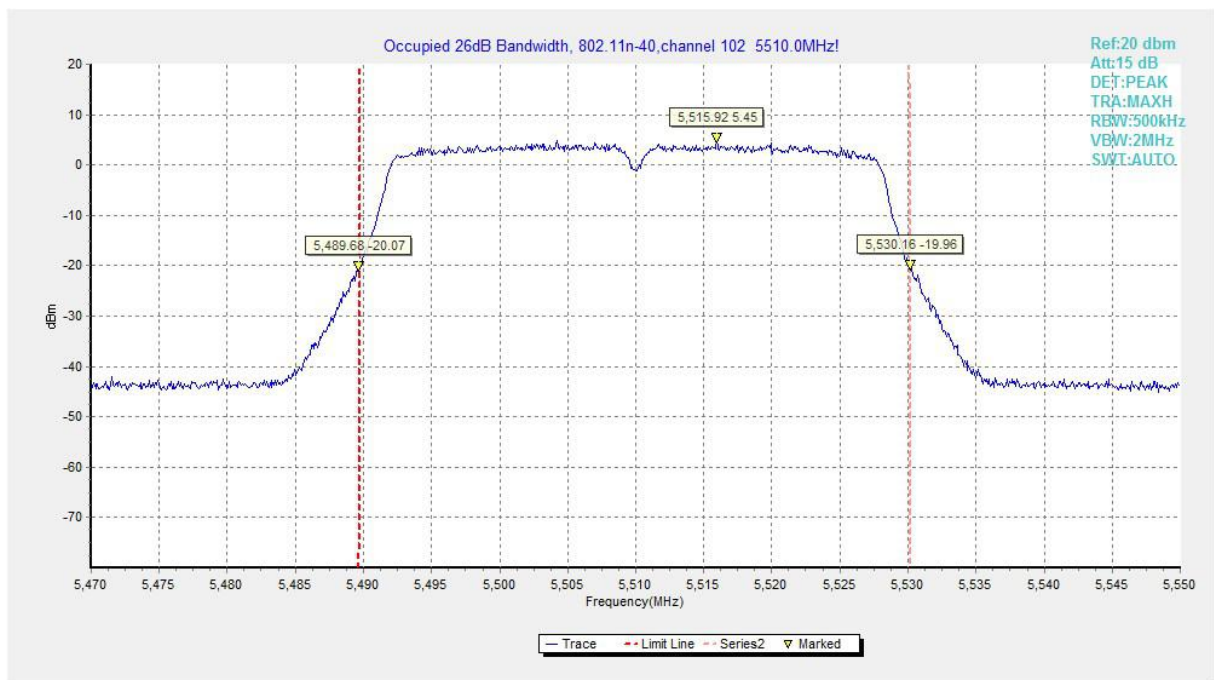


Fig.23 Occupied 26dB Bandwidth (802. 11n-HT40, 5510MHz)

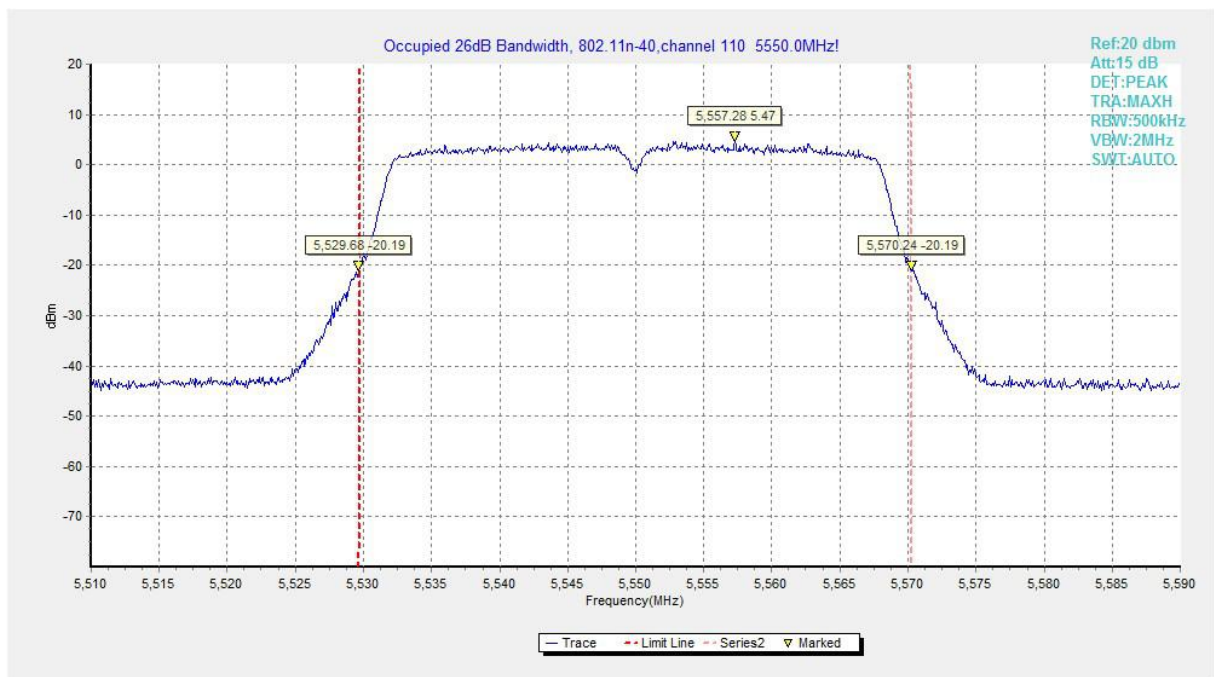


Fig.24 Occupied 26dB Bandwidth (802. 11n-HT40, 5590MHz)

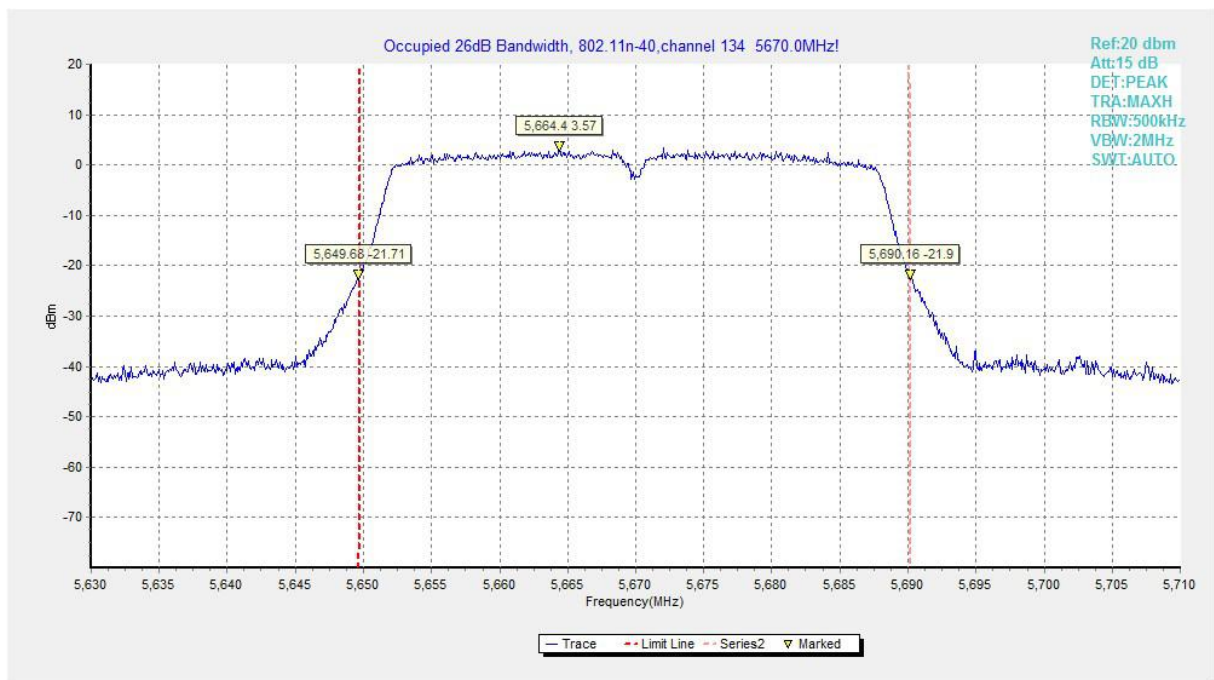


Fig.25 Occupied 26dB Bandwidth (802. 11n-HT40, 5670MHz)

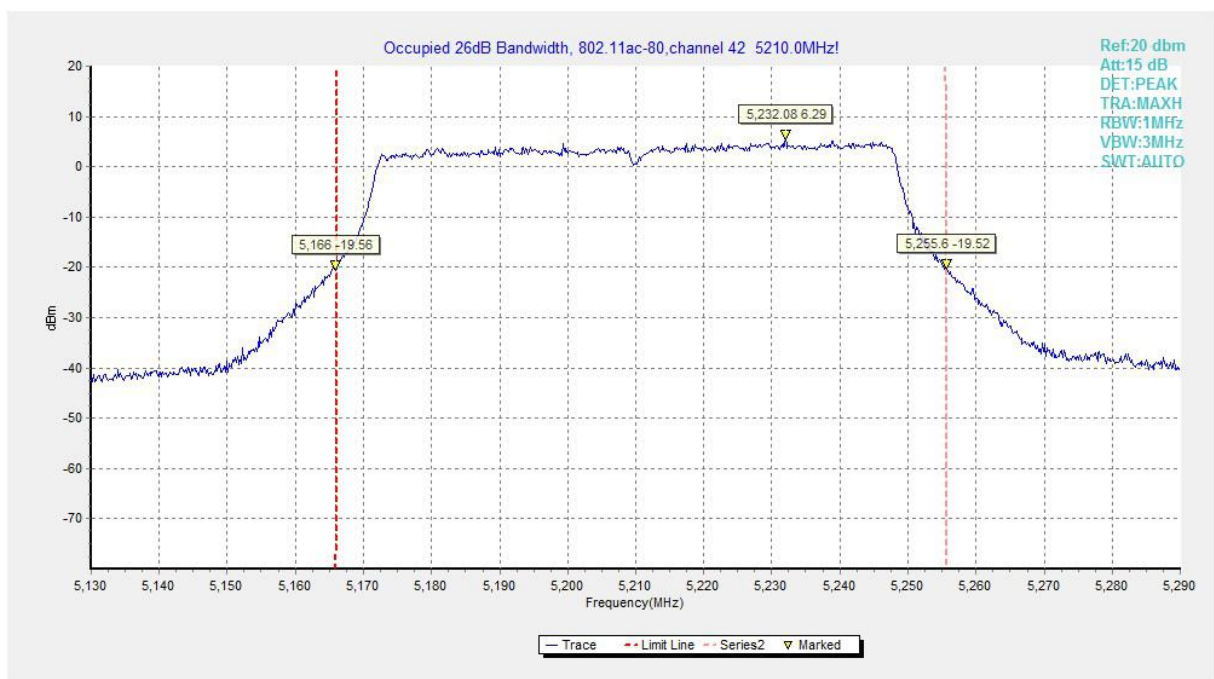


Fig.26 Occupied 26dB Bandwidth (802. 11ac-HT80, 5210MHz)

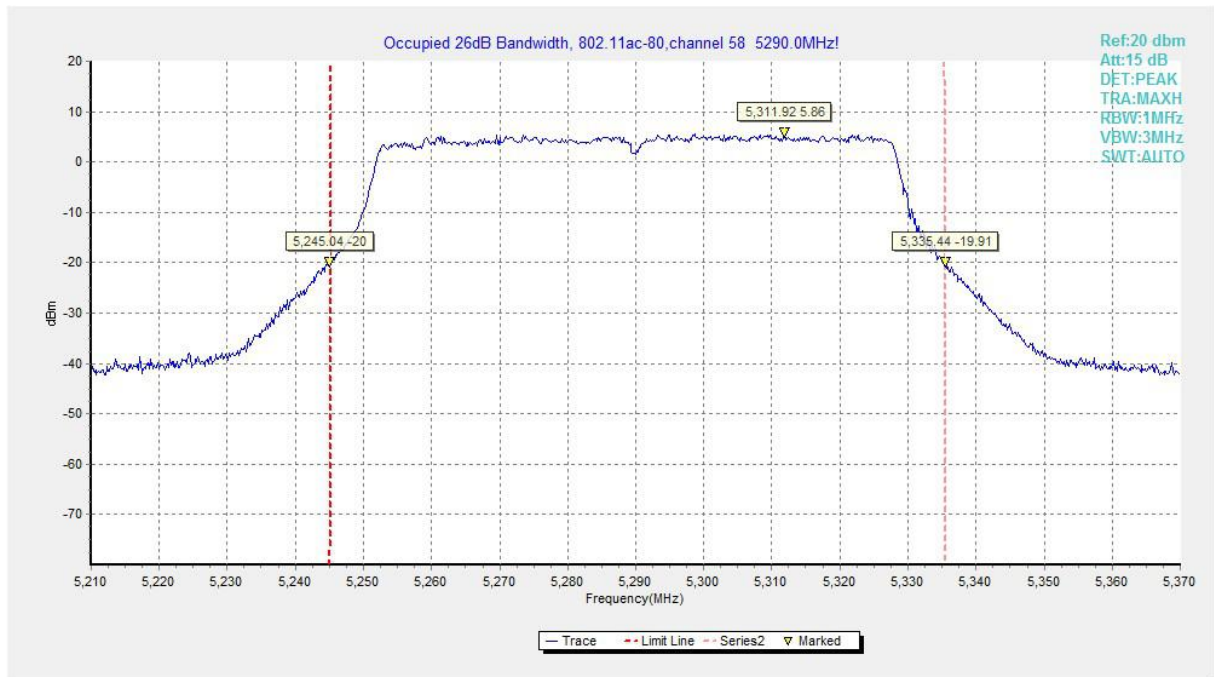


Fig.27 Occupied 26dB Bandwidth (802. 11ac-HT80, 5290MHz)

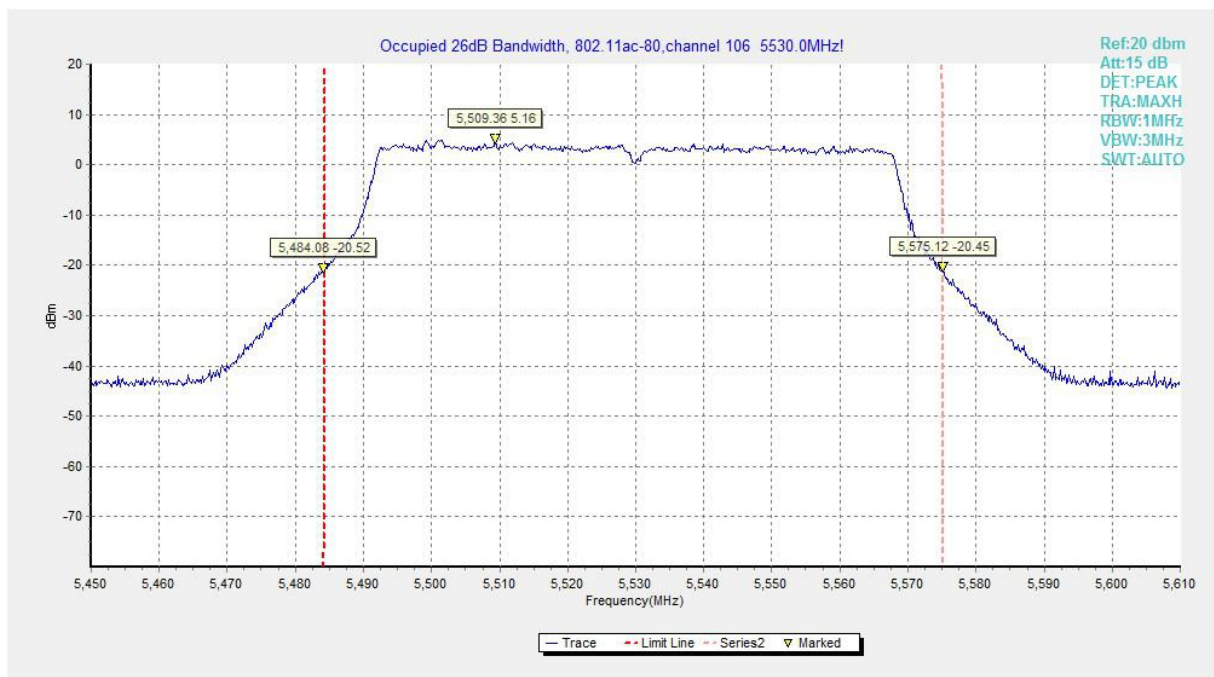


Fig.28 Occupied 26dB Bandwidth (802. 11ac-HT80, 5530MHz)

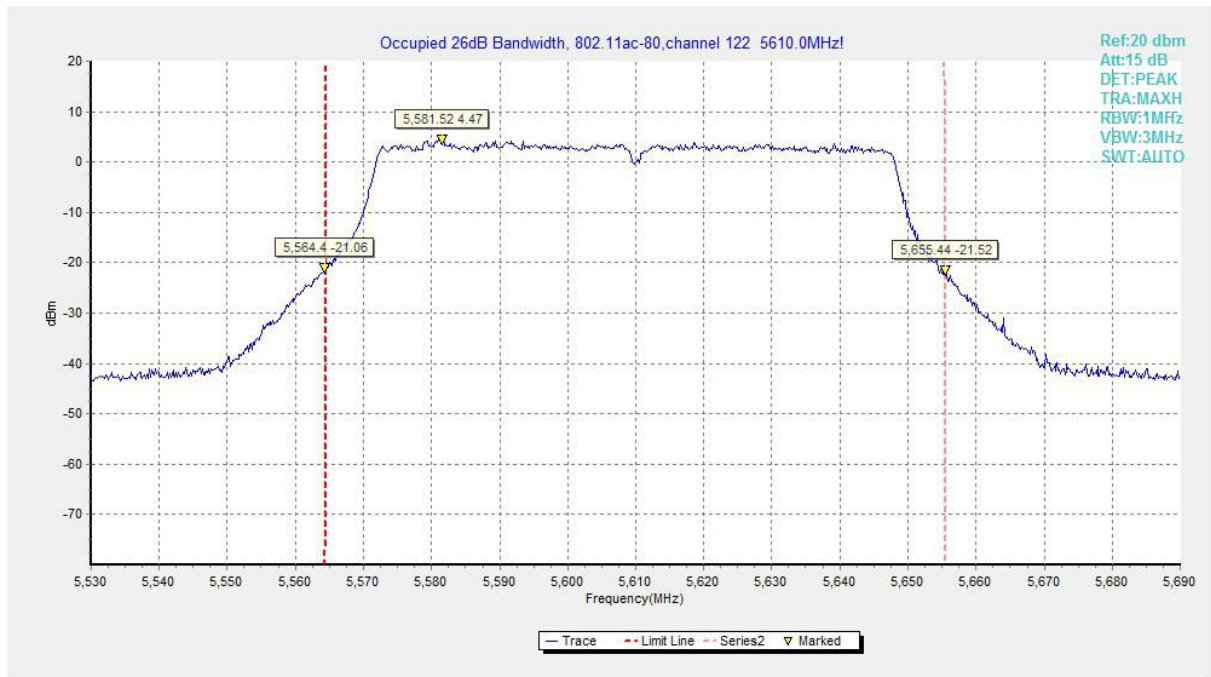


Fig.29 Occupied 26dB Bandwidth (802.11ac-HT80, 5610MHz)

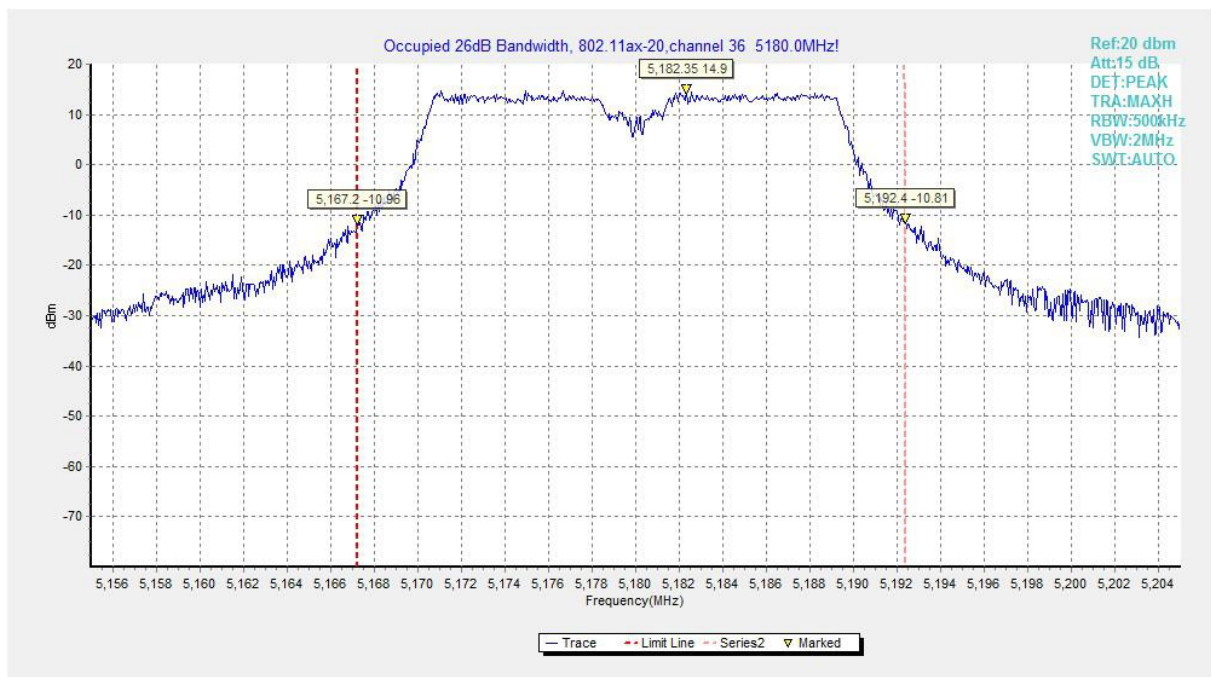


Fig.30 Occupied 26dB Bandwidth (802.11ax-HE20, 5180MHz)

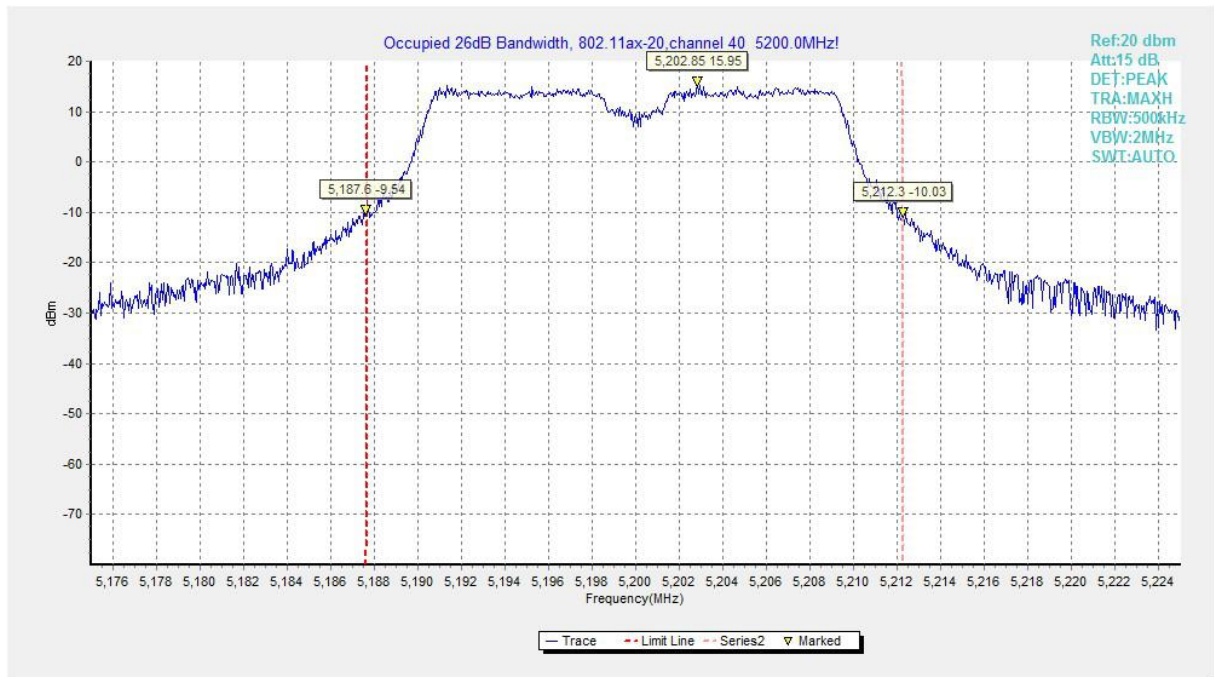


Fig.31 Occupied 26dB Bandwidth (802.11ax-HE20, 5200MHz)

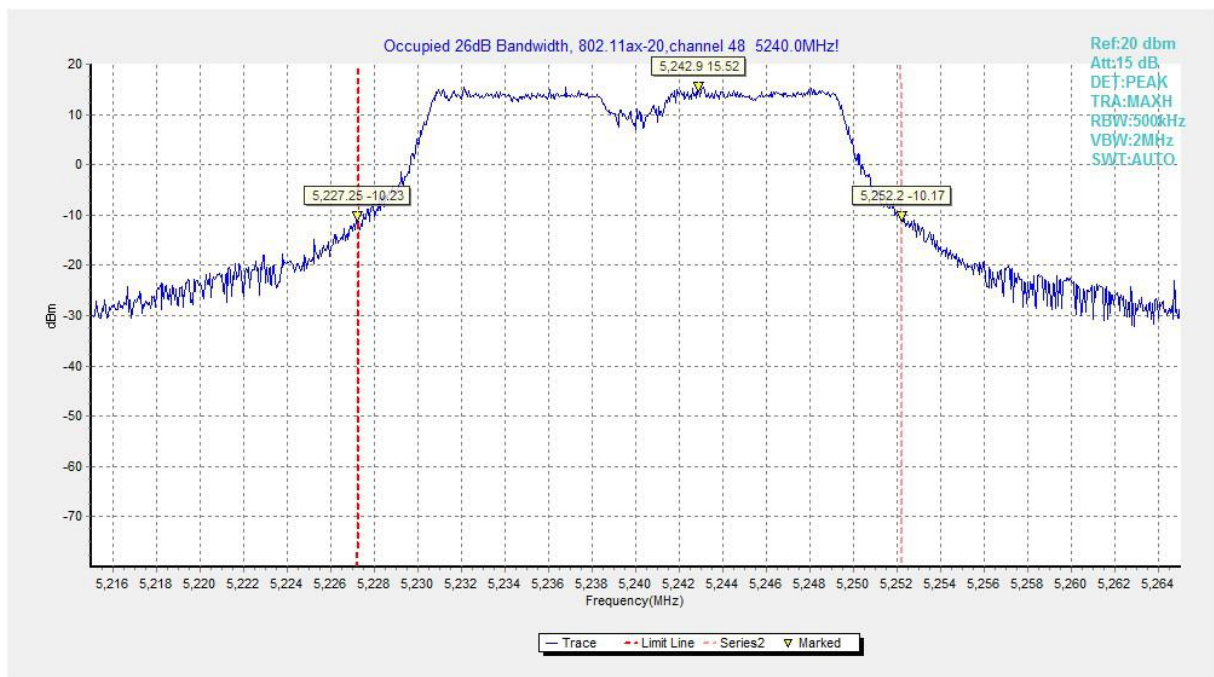


Fig.32 Occupied 26dB Bandwidth (802.11ax-HE20, 5240MHz)

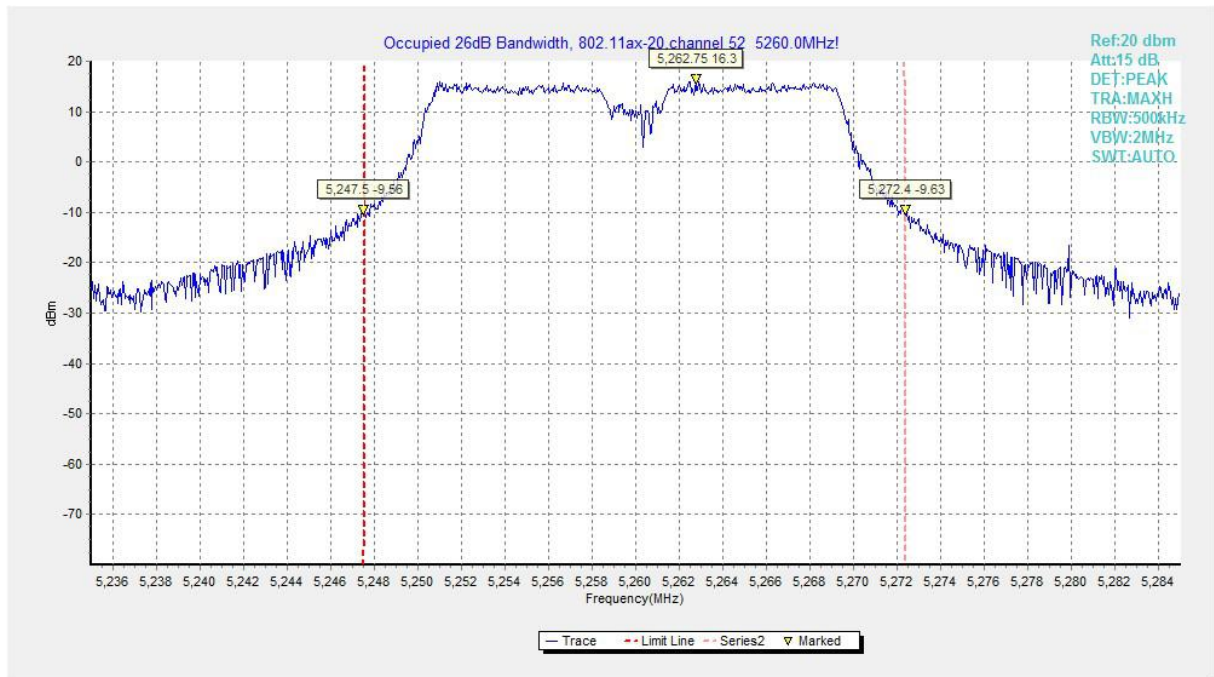


Fig.33 Occupied 26dB Bandwidth (802.11ax-HE20, 5260MHz)

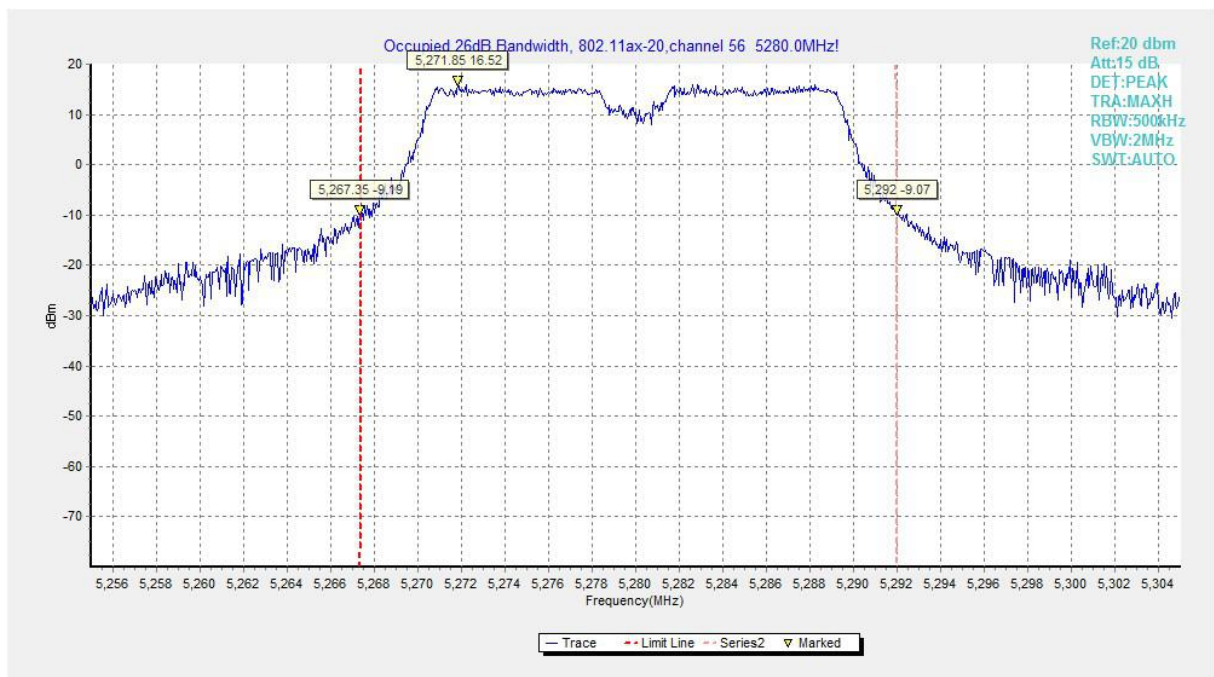


Fig.34 Occupied 26dB Bandwidth (802.11ax-HE20, 5280MHz)

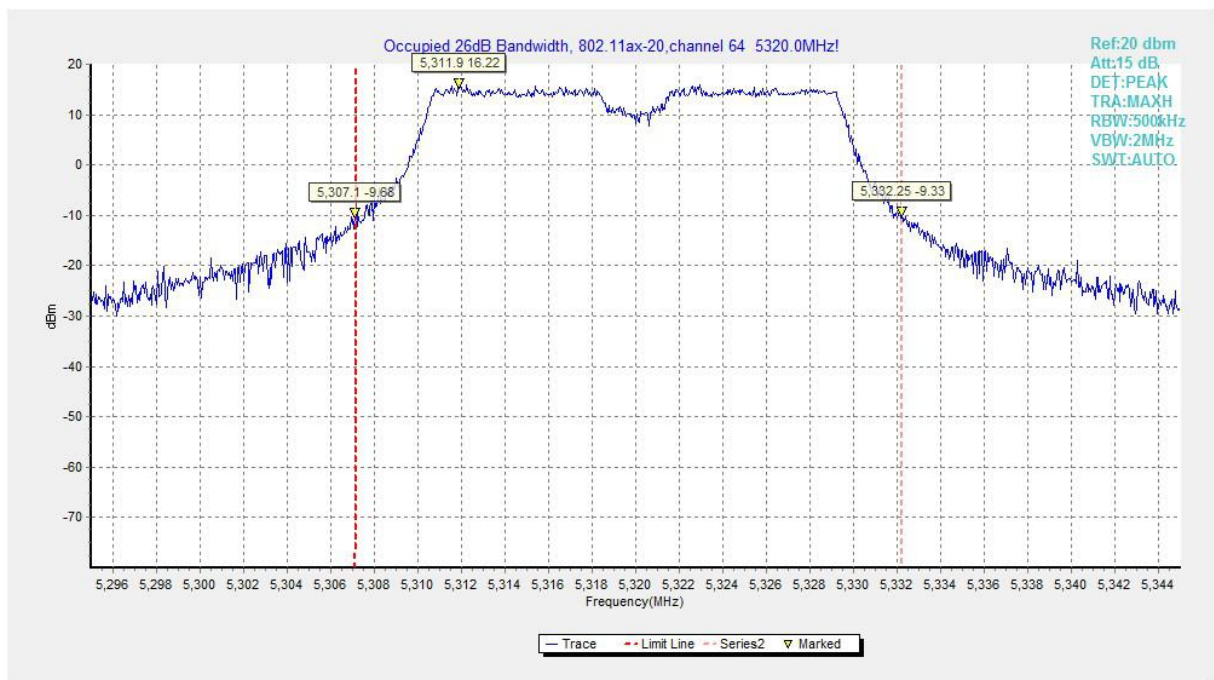


Fig.35 Occupied 26dB Bandwidth (802.11ax-HE20, 5320MHz)

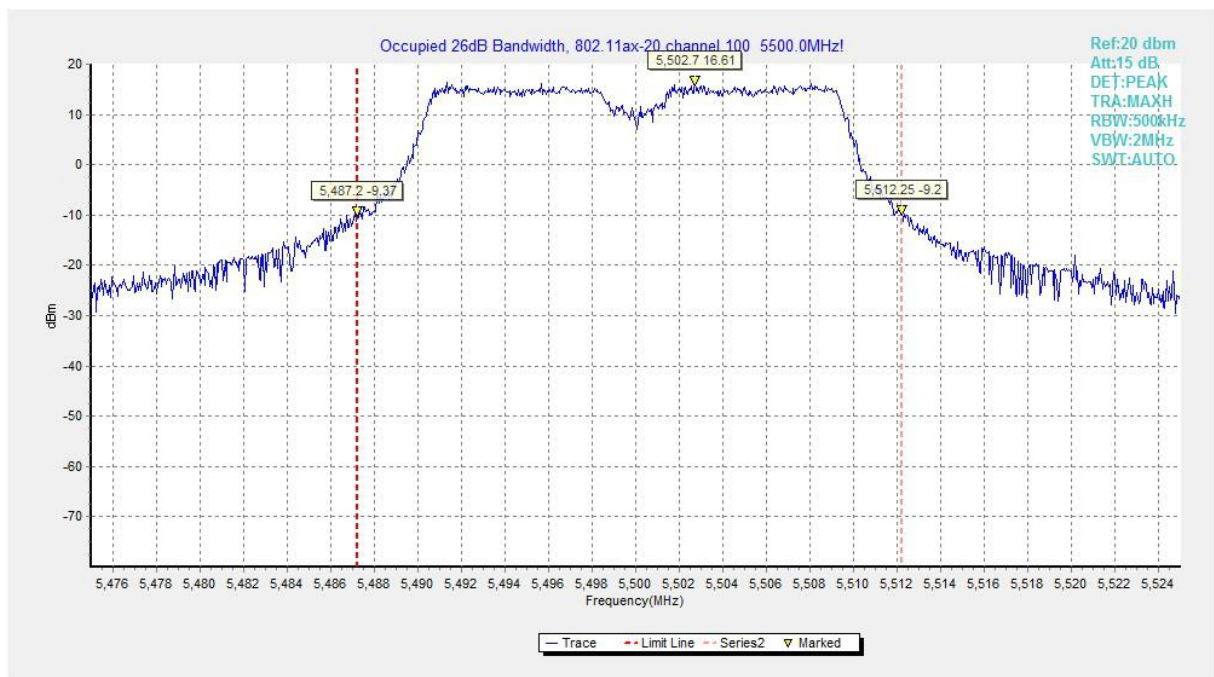


Fig.36 Occupied 26dB Bandwidth (802.11ax-HE20, 5500MHz)

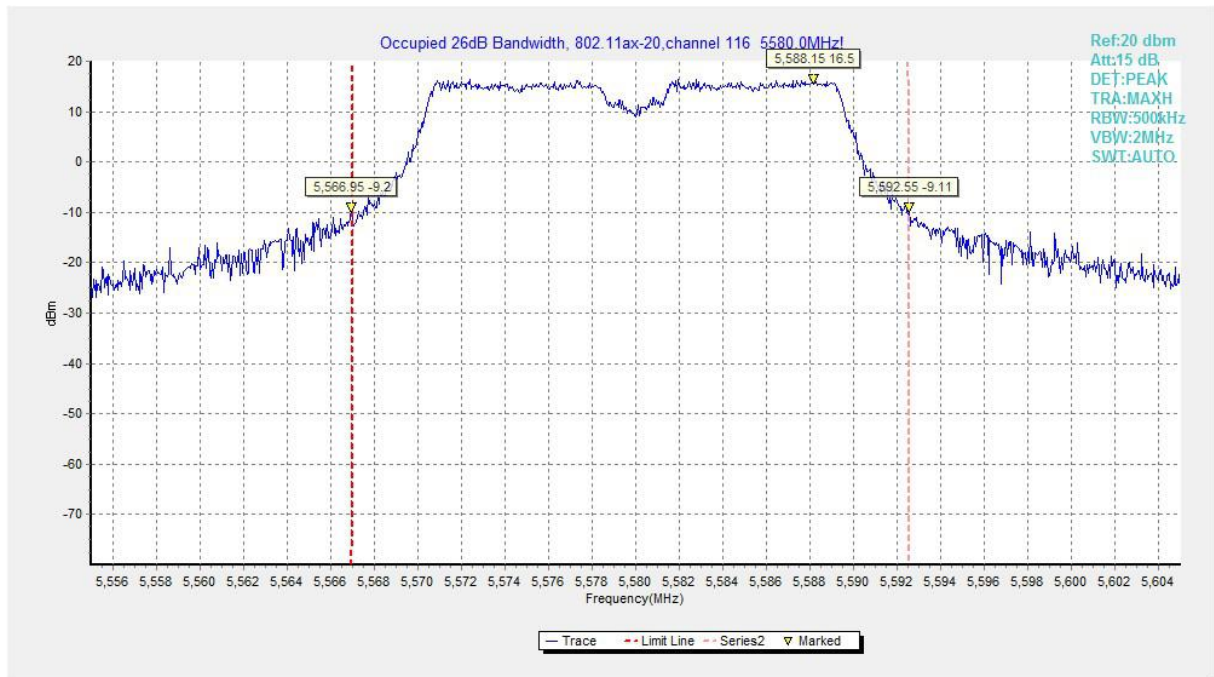


Fig.37 Occupied 26dB Bandwidth (802.11ax-HE20, 5580MHz)

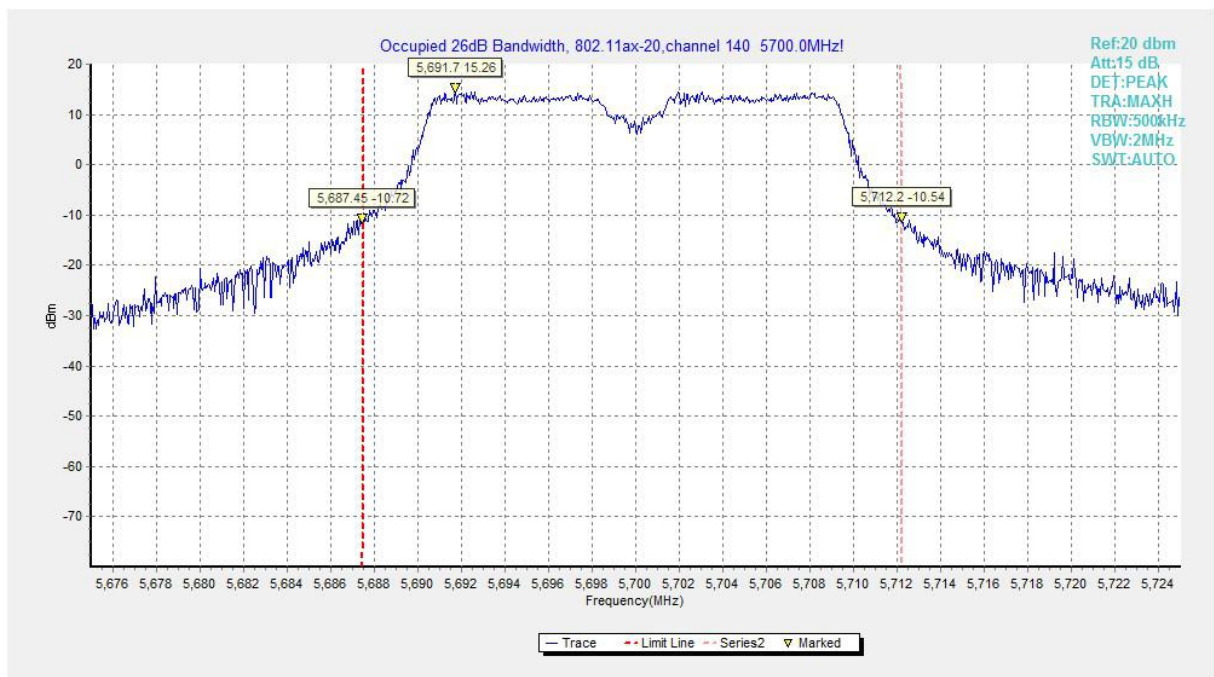


Fig.38 Occupied 26dB Bandwidth (802. 11n-HT20, 5700MHz)