



6dB Bandwidth Test	
Spectrum Parameters	Setting
Attenuation	Auto
Span	>6 dB Bandwidth
RBW	100 kHz
VBW	$\geq 3 \cdot \text{RBW}$
Detector	Peak
Trace	Max Hold
Sweep Time	Auto
99% Occupied Bandwidth Test	
Spectrum Parameters	Setting
Attenuation	Auto
RBW	1% to 5% of the OBW
VBW	$\geq 3 \cdot \text{RBW}$
Detector	Peak
Trace	Max Hold

NOTE: The EUT was set to continuously transmitting in each mode and low, middle and high channel for the test.

### **Test Mode**

Please refer to the clause 2.4.



**Test Result**

**Ant0 + Ant1:**

**26dB Bandwidth & 99% Bandwidth**

Mode	Channel	RU & Index	Ant.	26 dB Bandwidth (MHz)	99% BW (MHz)
IEEE 802.11a	36	N/A	0	27.52	16.780
			1	27.62	16.760
	40		0	26.93	16.751
			1	27.52	16.809
	48		0	19.92	16.704
			1	20.10	16.760
	52		0	20.90	16.627
			1	20.29	16.647
	56		0	20.20	16.644
			1	20.36	16.635
	64		0	25.73	16.809
			1	27.24	16.786
100	0	28.25	16.881		
	1	28.90	17.159		
116	0	20.95	16.660		
	1	29.98	17.137		
140	0	25.99	16.795		
	1	27.88	16.912		
IEEE 802.11n_20	36	N/A	0	27.90	17.935
			1	28.35	17.859
	40		0	29.62	17.913
			1	26.92	17.842
	48		0	20.34	17.803
			1	20.35	17.781
	52		0	21.78	17.792
			1	21.43	17.739
	56		0	22.23	17.824
			1	21.32	17.741
	64		0	28.97	17.903
			1	27.15	17.868
100	0	29.47	17.973		
	1	27.98	17.939		
116	0	21.67	17.789		
	1	27.95	17.882		
140	0	25.45	17.899		
	1	25.74	17.938		
IEEE 802.11n_40	38	N/A	0	46.99	36.140
			1	41.51	36.218
	46		0	40.20	36.065
			1	40.13	36.105
	54		0	40.11	36.048
			1	40.63	36.145
	62		0	46.30	36.184
			1	42.84	36.136
	102		0	51.45	36.194
			1	48.26	36.244
	110		0	40.43	36.103
			1	40.88	36.200
134	0	55.25	36.273		
	1	50.23	36.275		
IEEE 802.11ac_20	36	N/A	0	23.17	17.866
			1	24.08	17.848
	40		0	26.75	17.899
			1	27.71	17.867
	48		0	20.30	17.833
			1		

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			1	20.77	17.861	
	52		0	21.93	17.803	
			1	25.73	17.893	
	56		0	21.68	17.819	
			1	25.14	17.870	
	64		0	26.30	17.869	
			1	23.58	17.849	
	100		0	27.91	17.875	
			1	27.82	17.884	
	116		0	22.32	17.845	
			1	25.77	17.854	
	140		0	25.68	17.920	
			1	27.97	17.910	
IEEE 802.11ac_40	38		0	51.21	36.209	
			1	40.01	36.229	
	46		0	40.53	36.082	
			1	39.50	36.199	
	54		0	40.17	36.106	
			1	40.23	36.181	
	62		0	50.42	36.177	
			1	41.61	36.254	
	102		0	53.60	36.205	
			1	47.11	36.291	
	110		0	40.89	36.149	
			1	43.11	36.211	
	134		0	57.26	36.314	
			1	58.33	36.397	
IEEE 802.11ac_80	42		0	97.96	75.467	
			1	86.98	75.516	
	58		0	100.94	75.541	
			1	103.88	75.691	
	106		0	98.56	75.470	
			1	97.84	75.556	
	122		0	79.23	75.290	
			1	84.42	75.393	
IEEE 802.11ac_160	50		0	166.71	152.759	
			1	167.27	153.893	
	114		0	167.49	152.719	
			1	166.85	153.502	
IEEE 802.11ax_20	36	242RU61	0	27.44	19.012	
			1	26.85	19.045	
		26RU4	0	18.43	17.120	
			1	18.22	17.002	
		52RU38	0	18.38	17.098	
			1	18.65	17.059	
	106RU53		0	19.98	18.150	
			1	19.79	18.111	
		40	242RU61	0	28.57	19.015
				1	25.87	19.039
			26RU4	0	18.43	17.137
				1	18.23	16.857
	52RU38		0	18.65	17.115	
			1	18.75	17.059	
	106RU53		0	19.89	18.099	
			1	20.44	18.157	
		48	242RU61	0	19.88	18.917
				1	19.84	18.885
			26RU4	0	18.49	17.018
				1	18.11	16.879
	52RU38		0	18.48	17.038	
			1	18.44	16.931	
	106RU53		0	19.55	18.124	
			1	19.57	18.104	
52		242RU61	0	21.59	18.980	
			1	21.58	18.990	

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IEEE 802.11ax_40	56	26RU4	0	18.64	17.136	
			1	18.21	16.952	
		52RU38	0	18.68	17.151	
			1	18.83	17.138	
		106RU53	0	19.99	18.079	
			1	20.30	18.039	
	64	242RU61	0	21.47	19.018	
			1	21.43	19.014	
		26RU4	0	18.06	16.958	
			1	18.22	16.976	
		52RU38	0	18.73	17.127	
			1	18.56	17.053	
	106RU53	0	20.24	18.200		
		1	20.18	18.168		
	100	242RU61	0	26.63	19.085	
			1	25.41	19.038	
		26RU4	0	18.58	17.112	
			1	18.20	16.997	
		52RU38	0	18.46	17.132	
			1	18.25	17.107	
	106RU53	0	20.02	18.120		
		1	20.38	18.224		
	116	242RU61	0	28.63	19.114	
			1	28.34	19.062	
		26RU4	0	18.54	17.168	
			1	18.20	16.889	
		52RU38	0	18.78	16.828	
			1	18.28	17.052	
	106RU53	0	20.59	18.220		
		1	20.58	18.241		
	140	242RU61	0	22.17	19.005	
			1	25.04	19.055	
		26RU4	0	18.57	17.220	
			1	18.30	16.908	
		52RU38	0	18.78	17.217	
			1	18.45	16.928	
	106RU53	0	19.98	18.193		
		1	20.33	18.150		
	38	484RU65	0	24.85	19.065	
			1	28.32	19.027	
			26RU4	0	18.59	17.152
				1	18.20	16.855
			52RU38	0	18.81	17.203
				1	18.60	16.949
		106RU53	0	20.16	18.151	
			1	20.09	18.132	
		46	484RU65	0	39.37	37.686
				1	39.41	37.602
26RU8			0	37.99	35.423	
			1	37.84	35.539	
52RU40	0		39.08	36.849		
	1		38.10	35.387		
106RU54	0	45.85	36.621			
	1	38.33	35.839			
46	242RU61	0	38.91	36.932		
		1	39.03	36.945		
	484RU65	0	39.30	37.576		
		1	39.60	37.549		
	26RU8	0	37.80	35.675		
		1	37.77	35.143		
52RU40	0	38.82	36.554			
	1	38.05	35.371			
106RU54	0	50.68	37.153			
	1	38.67	35.731			
46	242RU61	0	38.91	36.891		
		0	38.91	36.891		

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IEEE 802.11ax_80	54	484RU65	1	39.06	36.889	
			0	39.39	37.542	
		26RU8	1	39.43	37.625	
			0	37.93	35.433	
		52RU40	1	37.61	35.445	
			0	39.07	36.674	
		106RU54	1	37.97	35.514	
			0	49.43	36.910	
		242RU61	1	38.62	35.871	
			0	39.07	37.095	
				1	39.08	36.949
				0	39.26	37.549
	62	484RU65	1	42.77	37.510	
			0	37.87	35.337	
		26RU8	1	37.77	35.198	
			0	38.72	36.561	
		52RU40	1	38.07	35.347	
			0	50.80	36.902	
		106RU54	1	38.54	35.707	
			0	38.97	36.915	
		242RU61	1	39.01	37.084	
			0	50.46	37.656	
	102	484RU65	1	51.27	37.649	
			0	37.97	35.308	
		26RU8	1	37.84	35.183	
			0	38.33	36.175	
		52RU40	1	38.10	35.498	
			0	40.48	36.063	
		106RU54	1	38.62	35.681	
			0	39.11	37.065	
		242RU61	1	39.08	36.978	
			0	39.24	37.569	
	110	484RU65	1	44.89	37.638	
			0	37.76	35.790	
		26RU8	1	37.78	35.064	
			0	38.19	35.751	
		52RU40	1	38.01	35.744	
			0	39.14	36.247	
		106RU54	1	38.54	35.910	
			0	39.07	36.943	
		242RU61	1	39.12	36.935	
			0	51.54	37.727	
	134	484RU65	1	54.23	37.759	
			0	37.90	35.534	
		26RU8	1	37.87	35.664	
			0	38.21	35.901	
		52RU40	1	38.10	35.765	
			0	47.12	36.251	
		106RU54	1	38.34	35.984	
			0	38.97	37.043	
		242RU61	1	38.96	37.000	
			0	79.78	76.750	
	42	996RU67	1	80.13	76.899	
			0	77.00	72.758	
		26RU17	1	77.61	74.117	
			0	77.80	73.530	
		52RU44	1	77.82	72.628	
			0	78.42	73.351	
		106RU56	1	78.29	73.531	
			0	79.02	75.204	
		242RU62	1	78.70	74.546	
			0	79.58	76.748	
		484RU65	1	79.33	76.327	
			0	79.89	76.858	
		58	996RU67	1	79.85	77.137

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		26RU17	0	77.57	73.689	
			1	77.49	73.529	
		52RU44	0	77.95	73.769	
			1	77.74	73.660	
		106RU56	0	78.39	74.504	
			1	78.29	74.132	
		242RU62	0	78.88	74.959	
			1	78.82	74.890	
		484RU65	0	79.77	76.824	
			1	79.51	76.665	
		106	996RU67	0	79.78	76.677
				1	98.22	77.071
	26RU17		0	77.54	73.729	
			1	77.65	73.783	
	52RU44		0	77.79	73.682	
			1	77.91	73.706	
	106RU56		0	78.39	73.821	
			1	78.25	74.061	
	242RU62		0	79.10	75.037	
			1	78.85	74.604	
	484RU65		0	79.63	76.416	
			1	79.39	76.342	
	122	996RU67	0	79.67	76.583	
			1	79.82	76.913	
26RU17		0	77.72	74.363		
		1	77.72	74.173		
52RU44		0	77.98	73.568		
		1	77.80	73.796		
106RU56		0	78.30	74.110		
		1	78.21	74.489		
242RU62		0	79.08	74.886		
		1	78.71	74.348		
484RU65		0	79.54	76.579		
		1	79.33	76.003		
IEEE 802.11ax_160	50	996RU67	0	167.17	154.468	
			1	168.36	155.326	
		106RU60	0	157.99	149.785	
			1	158.05	148.129	
		996RU67	0	160.44	154.566	
			1	160.58	154.239	
		52RU52	0	157.42	147.980	
			1	157.18	148.463	
		484RU66	0	159.29	150.764	
			1	159.25	150.428	
		242RU64	0	158.75	149.593	
			1	158.94	148.992	
	26RU36	0	157.13	149.925		
		1	155.78	149.851		
	114	996RU67	0	167.11	154.266	
			1	168.00	154.769	
		106RU60	0	158.12	150.054	
			1	158.17	149.759	
		996RU67	0	160.50	155.099	
			1	160.40	154.489	
		52RU52	0	156.54	149.235	
			1	156.89	148.255	
		484RU66	0	159.64	151.768	
			1	159.28	150.963	
242RU64		0	158.72	149.692		
		1	158.88	147.949		
26RU36	0	155.83	149.299			
	1	156.53	148.678			

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Mode	Channel	RU & Index	Ant.	26 dB Bandwidth (MHz)	99% BW (MHz)
IEEE 802.11a	149	N/A	0	27.21	16.968
			1	29.98	16.970
	157		0	29.62	16.922
			1	29.40	16.930
	165		0	29.98	17.224
			1	30.00	16.963
IEEE 802.11n_20	149		0	25.53	17.940
			1	29.36	17.951
	157		0	22.93	17.828
			1	30.00	17.968
	165		0	26.06	17.873
			1	29.91	17.974
IEEE 802.11n_40	151	0	50.44	36.327	
		1	59.28	36.788	
	159	0	59.41	36.265	
IEEE 802.11ac_20	149	1	59.89	36.824	
		0	26.48	17.914	
	157	1	28.70	17.970	
		0	24.88	17.849	
	165	1	28.99	17.965	
		0	26.69	17.894	
IEEE 802.11ac_40	151	1	28.76	17.975	
		0	53.83	36.346	
	159	1	59.88	37.089	
IEEE 802.11ac_80	155	0	59.29	36.362	
		1	60.00	36.970	
	0	109.16	75.535		
IEEE 802.11ax_20	149	242RU61	1	119.27	75.872
			0	29.16	19.251
		26RU4	1	30.00	19.832
			0	18.70	17.277
		52RU38	1	18.53	17.272
			0	19.04	17.209
	106RU53	1	18.48	17.076	
		0	21.50	18.197	
	157	242RU61	1	25.86	18.327
			0	29.75	19.106
		26RU4	1	30.00	19.677
			0	18.44	17.329
		52RU38	1	18.40	17.386
			0	19.00	17.287
	106RU53	1	18.51	17.153	
		0	21.37	18.230	
	165	242RU61	1	25.28	18.368
			0	28.51	19.094
		26RU4	1	29.97	19.480
			0	18.33	17.254
		52RU38	1	18.35	17.144
			0	19.05	17.216
	106RU53	1	18.30	17.015	
		0	22.03	18.248	
IEEE 802.11ax_40	151	484RU65	1	24.30	18.260
			0	49.74	37.771
		26RU8	1	49.36	37.965
			0	38.17	35.889
		52RU40	1	37.99	36.219
			0	38.18	35.948
	106RU54	1	38.53	36.069	
		0	38.38	35.899	
	242RU61	1	38.43	35.754	
		0	40.46	37.022	

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	159	484RU65	1	52.08	37.272
			0	46.32	37.684
		26RU8	1	55.56	37.840
			0	38.12	35.823
		52RU40	1	38.13	35.985
			0	38.20	35.826
		106RU54	1	38.40	35.980
			0	38.33	35.981
		242RU61	1	38.29	35.997
			0	38.82	36.927
IEEE 802.11ax_80	155	996RU67	1	51.46	37.214
			0	97.81	77.005
		26RU17	1	119.88	77.745
			0	78.04	75.132
		52RU44	1	78.04	75.463
			0	78.42	74.960
		106RU56	1	78.30	75.028
			0	78.48	74.841
		242RU62	1	78.42	75.012
			0	78.69	74.670
484RU65	1	84.48	75.035		
	0	98.28	76.630		
			1	111.06	77.358





**Ant 0 + Ant 2:**

Mode	Channel	RU & Index	Ant.	26 dB Bandwidth (MHz)	99% BW (MHz)
IEEE 802.11a	36	N/A	2	28.40	16.814
	40		2	28.76	16.899
	48		2	21.36	16.771
	52		2	24.33	16.740
	56		2	25.34	16.751
	64		2	29.47	17.044
	100		2	28.86	16.928
	116		2	27.16	16.788
140	2		27.99	16.858	
IEEE 802.11n_20	36		0	27.61	17.891
	40		2	27.37	17.868
	48		0	28.00	17.904
	52		2	29.04	17.888
	56		0	20.30	17.794
	64		2	20.21	17.765
	100		0	21.43	17.812
	116		2	21.89	17.770
	140		0	21.66	17.794
	38		2	21.74	17.793
	46		0	28.65	17.920
	54		2	29.67	17.963
	62		0	29.50	18.004
	70		2	28.11	17.919
	78		0	21.28	17.804
	86		2	21.33	17.763
IEEE 802.11n_40	38		0	42.75	36.155
	46		2	40.87	36.124
	54		0	40.27	36.126
	62		2	39.87	36.123
	70		0	40.15	36.090
	78		2	39.94	36.075
	86		0	48.43	36.170
	94		2	42.56	36.181
IEEE 802.11ac_20	36		0	49.75	36.236
	40		2	51.40	36.156
	48		0	40.17	36.145
	52		2	39.77	36.059
	56		0	51.44	36.287
	60		2	43.50	36.173
	64		0	26.01	17.852
	68		2	27.16	17.863
	72		0	27.63	17.875
	76		2	27.11	17.855
	80		0	20.24	17.814
	84		2	22.63	17.805
	88		0	22.11	17.804
	92		2	24.39	17.852
	96		0	27.72	17.986
	100		2	26.64	17.879
IEEE 802.11ac_40	36		0	25.25	17.866
	40		2	28.92	17.999
	48		0	27.56	17.858
	52		2	27.94	17.881
	56		0	21.40	17.831
	60		2	21.46	17.753
	64		0	25.47	17.831
	68		2	26.42	17.917

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			2	41.73	36.180
	46		0	39.85	36.105
			2	40.20	36.084
	54		0	40.44	36.076
			2	44.78	36.068
	62		0	48.63	36.147
			2	51.26	36.310
	102		0	55.69	36.304
			2	49.35	36.230
	110		0	43.28	36.098
			2	40.18	36.188
	134		0	57.82	36.419
			2	55.47	36.285
IEEE 802.11ac_80	42		0	91.71	75.359
			2	84.08	75.267
	58		0	93.76	75.434
			2	85.21	75.397
	106		0	94.35	75.296
			2	92.69	75.285
	122		0	79.23	75.140
			2	78.95	75.112
IEEE 802.11ac_160	50		0	167.46	152.827
			2	166.89	153.667
	114		0	167.36	152.679
			2	166.80	153.865
IEEE 802.11ax_20	36	242RU61	0	26.19	19.035
			2	27.18	19.006
		26RU4	0	18.41	17.027
			2	18.12	16.992
		52RU38	0	18.67	17.136
			2	18.61	16.997
		106RU53	0	20.03	18.119
			2	20.13	18.187
	40	242RU61	0	26.83	19.022
			2	25.92	19.047
		26RU4	0	18.53	17.047
			2	18.12	16.952
		52RU38	0	18.58	17.030
			2	18.22	17.126
		106RU53	0	19.80	18.077
			2	20.60	18.155
	48	242RU61	0	19.78	18.875
			2	19.90	18.893
		26RU4	0	18.26	17.064
			2	18.23	16.901
		52RU38	0	18.35	17.103
			2	18.24	17.100
		106RU53	0	19.49	18.060
			2	19.41	18.104
	52	242RU61	0	21.30	18.997
			2	21.97	18.968
		26RU4	0	18.32	17.115
			2	18.23	16.922
52RU38		0	18.72	17.130	
		2	18.24	17.017	
106RU53		0	19.98	18.100	
		2	20.43	18.151	
56	242RU61	0	21.16	18.971	
		2	22.13	19.014	
	26RU4	0	18.07	17.040	
		2	18.02	16.863	
	52RU38	0	18.74	17.123	
		2	18.42	17.083	
	106RU53	0	20.00	18.201	
		2	20.02	18.215	

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	64	242RU61	0	26.09	19.058	
			2	29.46	19.045	
		26RU4	0	18.54	17.080	
			2	18.20	16.999	
		52RU38	0	18.59	17.206	
			2	18.52	17.116	
		106RU53	0	19.91	18.138	
			2	20.42	18.052	
	100	242RU61	0	26.45	19.090	
			2	28.19	19.042	
		26RU4	0	18.34	16.984	
			2	18.17	16.950	
		52RU38	0	18.54	17.219	
			2	18.41	17.099	
		106RU53	0	20.29	18.190	
			2	20.53	18.172	
	116	242RU61	0	21.57	18.960	
			2	21.60	19.005	
		26RU4	0	18.32	17.013	
			2	17.99	16.935	
		52RU38	0	18.58	17.146	
			2	18.20	17.053	
		106RU53	0	20.00	18.229	
			2	20.33	18.190	
140	242RU61	0	25.42	19.022		
		2	26.70	19.037		
	26RU4	0	18.47	16.971		
		2	18.09	16.811		
	52RU38	0	18.16	17.109		
		2	18.42	17.096		
	106RU53	0	20.00	18.139		
		2	20.11	18.162		
IEEE 802.11ax_40	38	484RU65	0	46.45	37.604	
			2	41.67	37.651	
		26RU8	0	37.96	35.597	
			2	37.90	35.590	
		52RU40	0	38.30	35.407	
			2	37.98	35.604	
		106RU54	0	38.39	35.963	
			2	38.35	35.891	
		242RU61	0	39.07	37.063	
			2	39.06	37.029	
	46	484RU65	0	39.33	37.605	
			2	39.56	37.639	
		26RU8	0	38.11	35.453	
			2	37.69	35.532	
		52RU40	0	38.31	35.580	
			2	37.93	35.352	
		106RU54	0	38.31	35.817	
			2	38.29	35.676	
		242RU61	0	39.09	37.032	
			2	38.83	36.898	
	54	484RU65	0	39.44	37.513	
			2	39.33	37.611	
		26RU8	0	38.04	35.535	
			2	37.95	35.478	
		52RU40	0	38.26	35.599	
			2	37.94	35.451	
		106RU54	0	38.41	35.898	
			2	38.26	35.600	
		242RU61	0	39.07	37.045	
			2	39.06	36.988	
	62	484RU65	0	39.38	37.648	
			2	47.49	37.715	
			26RU8	0	37.83	35.444

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IEEE 802.11ax_80	102	52RU40	2	37.90	35.407
			0	38.10	35.510
		106RU54	2	38.06	35.728
			0	38.47	35.876
		242RU61	2	38.29	35.730
			0	39.08	36.886
	110	484RU65	2	38.98	36.911
			0	47.76	37.619
		26RU8	2	44.69	37.558
			0	37.85	35.647
		52RU40	2	37.77	35.457
			0	38.43	35.663
	134	106RU54	2	38.02	35.517
			0	38.26	35.781
		242RU61	2	38.18	35.442
			0	39.02	36.769
		484RU65	2	39.06	37.006
			0	39.55	37.648
	42	26RU8	2	39.40	37.625
			0	37.82	35.206
		52RU40	2	37.79	35.382
			0	38.20	35.709
		106RU54	2	37.91	35.625
			0	38.52	35.781
	58	242RU61	2	38.21	35.675
			0	39.16	36.587
		484RU65	2	38.75	36.951
0			50.42	37.764	
26RU8		2	46.92	37.665	
		0	37.96	35.652	
106	52RU40	2	37.80	35.704	
		0	38.21	35.687	
	106RU54	2	38.05	35.623	
		0	38.34	35.919	
	242RU61	2	38.22	35.119	
		0	39.13	36.880	
IEEE 802.11ax_80	42	996RU67	2	39.09	36.944
			0	94.21	76.925
		26RU17	2	80.25	76.904
			0	77.69	74.012
		52RU44	2	77.49	74.110
			0	78.04	73.877
	58	106RU56	2	77.92	73.655
			0	78.40	73.457
		242RU62	2	78.31	74.550
			0	90.28	74.993
		484RU65	2	78.72	74.487
			0	79.59	76.413
	106	996RU67	2	79.38	76.252
			0	79.88	76.950
		26RU17	2	86.06	76.959
			0	77.43	73.965
		52RU44	2	77.69	73.792
			0	78.19	73.732
106	106RU56	2	77.83	73.852	
		0	78.36	73.896	
	242RU62	2	78.19	72.343	
		0	79.10	74.386	
	484RU65	2	78.70	74.054	
		0	79.70	76.449	
106	996RU67	2	79.55	76.436	
		0	90.41	76.974	
	26RU17	2	85.16	77.044	
		0	77.47	73.913	
		2	77.46	74.042	

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		52RU44	0	77.96	73.694
			2	78.14	73.402
		106RU56	0	78.21	74.779
			2	78.21	74.293
		242RU62	0	78.74	74.607
			2	78.58	74.152
		484RU65	0	79.48	75.938
			2	79.39	76.184
	122	996RU67	0	79.86	76.915
			2	79.84	76.846
		26RU17	0	77.67	73.732
			2	77.74	73.765
		52RU44	0	77.87	72.911
			2	77.83	73.488
		106RU56	0	78.32	73.497
			2	78.35	73.717
242RU62	0	78.58	74.425		
	2	78.64	73.974		
484RU65	0	79.47	76.249		
	2	79.26	76.171		
IEEE 802.11ax_160	50	996*2RU68	0	162.18	154.387
			2	163.14	155.304
		106RU60	0	158.04	149.316
			2	157.86	148.057
		996RU67	0	160.74	155.042
			2	160.59	154.589
		52RU52	0	157.68	149.565
			2	156.83	148.081
		484RU66	0	159.60	151.488
			2	159.36	151.163
		242RU64	0	158.54	149.642
			2	158.89	149.430
	26RU36	0	157.02	149.190	
		2	153.86	148.363	
	114	996*2RU68	0	161.99	154.337
			2	166.86	155.490
		106RU60	0	157.94	147.827
			2	158.02	147.707
		996RU67	0	160.51	154.857
			2	160.28	153.615
		52RU52	0	156.39	148.258
			2	157.31	147.959
		484RU66	0	159.18	150.182
			2	159.45	147.811
242RU64		0	159.13	147.494	
		2	158.66	147.193	
26RU36	0	156.24	150.318		
	2	156.07	148.361		



Mode	Channel	RU & Index	Ant.	26 dB Bandwidth (MHz)	99% BW (MHz)	
IEEE 802.11a	149	N/A	2	25.45	16.804	
	157		2	29.28	16.848	
	165		2	29.91	17.282	
IEEE 802.11n_20	149		0	25.91	17.834	
			2	25.60	17.885	
	157		0	22.00	17.815	
			2	25.40	17.819	
	165		0	25.92	17.890	
			2	29.25	18.109	
IEEE 802.11n_40	151		0	51.87	36.354	
			2	45.36	36.238	
	159		0	57.90	36.255	
IEEE 802.11ac_20	149		2	50.64	36.131	
			0	27.05	17.975	
	157		2	25.99	17.852	
			0	28.90	17.938	
	165		2	25.33	17.822	
			0	29.11	17.981	
IEEE 802.11ac_40	151		2	29.57	18.083	
			0	59.50	36.733	
	159	2	50.79	36.425		
IEEE 802.11ac_80	155	0	59.54	36.719		
		2	57.09	36.439		
IEEE 802.11ax_20	149	242RU61	0	114.49	75.620	
			2	89.63	75.515	
		26RU4	0	27.17	19.115	
			2	30.00	19.557	
		52RU38	0	18.30	17.400	
			2	18.23	17.263	
		106RU53	0	19.09	17.253	
			2	18.29	17.023	
	157	242RU61	0	22.14	18.205	
			2	20.73	18.175	
		26RU4	0	29.64	19.111	
			2	30.00	19.443	
		52RU38	0	18.51	17.375	
			2	18.29	17.231	
		106RU53	0	18.83	17.224	
			2	18.38	17.107	
	165	242RU61	0	21.02	18.199	
			2	20.22	18.271	
		26RU4	0	29.81	19.106	
			2	29.99	19.342	
		52RU38	0	21.29	17.650	
			2	26.92	17.833	
		106RU53	0	18.95	17.241	
			2	18.35	17.148	
IEEE 802.11ax_40	151	484RU65	0	22.13	18.233	
			2	21.44	18.183	
		26RU8	0	52.96	37.872	
			2	55.72	37.877	
		52RU40	0	37.97	35.647	
			2	37.88	35.661	
		106RU54	0	38.25	35.829	
			2	37.94	35.499	
	242RU61	0	38.41	35.858		
		2	38.27	35.660		
	159	484RU65	0	39.12	36.991	
			2	39.03	37.185	
				0	58.31	37.765
				2	55.91	37.811

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		26RU8	0	38.02	35.571
			2	37.87	35.556
		52RU40	0	38.07	35.654
			2	38.08	35.450
		106RU54	0	38.47	35.824
			2	38.29	35.325
		242RU61	0	39.30	37.013
			2	42.21	37.328
IEEE 802.11ax_80	155	996RU67	0	116.40	77.397
			2	114.08	77.344
		26RU17	0	77.85	74.561
			2	77.93	74.590
		52RU44	0	78.25	74.082
			2	78.16	73.433
		106RU56	0	78.34	74.578
			2	78.42	74.034
		242RU62	0	78.80	74.873
			2	78.72	74.731
		484RU65	0	104.43	76.869
			2	79.70	76.584

**6dB Bandwidth****Ant 0 + Ant 1:**

Mode	Channel	RU & Index	Ant.	6 dB Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11a	149	N/A	0	16.28	0.5	PASS
			1	15.93		PASS
	157		0	15.94		PASS
			1	15.96		PASS
	165		0	16.31		PASS
			1	16.31		PASS
IEEE 802.11n_20	149		0	15.46		PASS
			1	17.18		PASS
	157		0	16.91		PASS
			1	17.55		PASS
	165		0	17.05		PASS
			1	17.24		PASS
IEEE 802.11n_40	151	0	35.11	PASS		
		1	35.09	PASS		
	159	0	35.12	PASS		
		1	35.07	PASS		
IEEE 802.11ac_20	149	0	17.27	PASS		
		1	16.68	PASS		
	157	0	17.51	PASS		
		1	17.55	PASS		
	165	0	16.92	PASS		
		1	17.54	PASS		
IEEE 802.11ac_40	151	0	35.05	PASS		
		1	35.11	PASS		
	159	0	35.10	PASS		
		1	35.28	PASS		
IEEE 802.11ac_80	155	0	75.08	PASS		
		1	75.12	PASS		
IEEE 802.11ax_20	149	242RU61	0	17.75	PASS	
			1	18.07	PASS	
		26RU4	0	2.648	PASS	
			1	2.660	PASS	
		52RU38	0	12.52	PASS	
			1	15.00	PASS	
	106RU53	0	17.10	PASS		
		1	17.08	PASS		
	157	242RU61	0	18.15	PASS	
			1	17.52	PASS	
		26RU4	0	2.754	PASS	
			1	2.627	PASS	
		52RU38	0	12.54	PASS	
			1	10.32	PASS	
	106RU53	0	17.05	PASS		
		1	17.13	PASS		
	165	242RU61	0	16.82	PASS	
			1	16.46	PASS	
		26RU4	0	2.639	PASS	
			1	2.731	PASS	
		52RU38	0	7.867	PASS	
			1	10.37	PASS	
	106RU53	0	17.08	PASS		
		1	17.06	PASS		
IEEE 802.11ax_40	151	484RU65	0	35.07	PASS	
			1	35.08	PASS	
		26RU8	0	2.047	PASS	
			1	1.973	PASS	
		52RU40	0	4.038	PASS	
			1	4.063	PASS	

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		106RU54	0	11.05	PASS
			1	13.80	PASS
		242RU61	0	33.93	PASS
			1	23.85	PASS
	159	484RU65	0	35.02	PASS
			1	36.34	PASS
		26RU8	0	1.971	PASS
			1	1.989	PASS
		52RU40	0	4.050	PASS
			1	4.074	PASS
		106RU54	0	19.79	PASS
			1	12.26	PASS
	242RU61	0	27.27	PASS	
		1	33.89	PASS	
IEEE 802.11ax_80	155	996RU67	0	75.09	PASS
			1	75.13	PASS
		26RU17	0	2.083	PASS
			1	2.067	PASS
		52RU44	0	4.044	PASS
			1	4.082	PASS
		106RU56	0	8.253	PASS
			1	8.278	PASS
		242RU62	0	51.28	PASS
			1	35.06	PASS
		484RU65	0	76.58	PASS
			1	63.76	PASS



**Ant 0 + Ant 2:**

Mode	Channel	RU & Index	Ant.	6 dB Bandwidth (MHz)	Limit (MHz)	Result	
IEEE 802.11a	149	N/A	2	16.29	0.5	PASS	
			2	16.31		PASS	
			2	16.34		PASS	
IEEE 802.11n_20	149		0	17.52		PASS	
			2	17.54		PASS	
	157		0	16.70		PASS	
			2	16.96		PASS	
	165		0	17.56		PASS	
			2	17.57		PASS	
IEEE 802.11n_40	151		0	35.11		PASS	
	159		2	35.12		PASS	
IEEE 802.11ac_20	149		0	35.09		PASS	
			2	35.07		PASS	
	157		0	16.65		PASS	
			2	16.93		PASS	
	165		0	17.28		PASS	
			2	17.56		PASS	
IEEE 802.11ac_40	151		0	16.38		PASS	
			2	17.10		PASS	
	159		0	35.03		PASS	
			2	35.09		PASS	
IEEE 802.11ac_80	155		0	35.08		PASS	
			2	35.05		PASS	
IEEE 802.11ax_20	149		242RU61	0		75.10	PASS
				2		75.11	PASS
			26RU4	0		18.42	PASS
				2		18.37	PASS
				0		2.727	PASS
				2		2.731	PASS
	52RU38		0	6.573		PASS	
		2	11.30	PASS			
		0	17.06	PASS			
		2	17.12	PASS			
	157	242RU61	0	18.09	PASS		
			2	18.67	PASS		
		26RU4	0	2.774	PASS		
			2	2.725	PASS		
		52RU38	0	11.22	PASS		
			2	10.31	PASS		
	165	106RU53	0	17.07	PASS		
			2	17.08	PASS		
		242RU61	0	18.18	PASS		
			2	17.53	PASS		
		26RU4	0	2.748	PASS		
			2	2.705	PASS		
	52RU38	0	11.31	PASS			
		2	12.85	PASS			
IEEE 802.11ax_40	151	484RU65	0	17.07	PASS		
			2	17.10	PASS		
		26RU8	0	35.10	PASS		
			2	36.05	PASS		
		52RU40	0	2.064	PASS		
			2	2.028	PASS		
		106RU54	0	4.079	PASS		
			2	4.081	PASS		
		242RU61	0	12.55	PASS		
			2	13.56	PASS		
			0	31.72	PASS		

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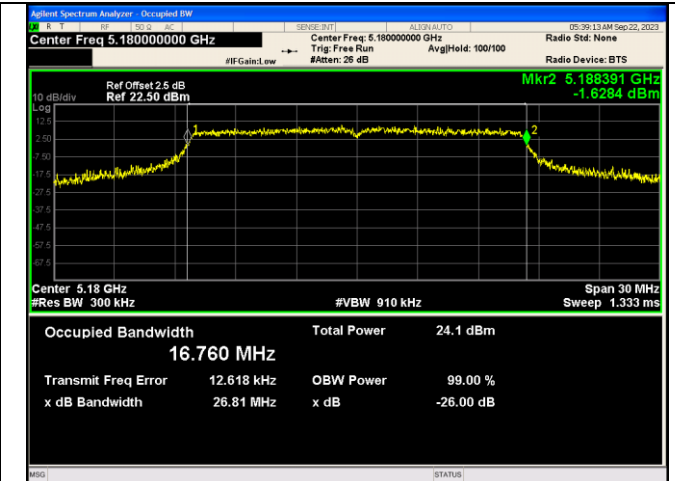
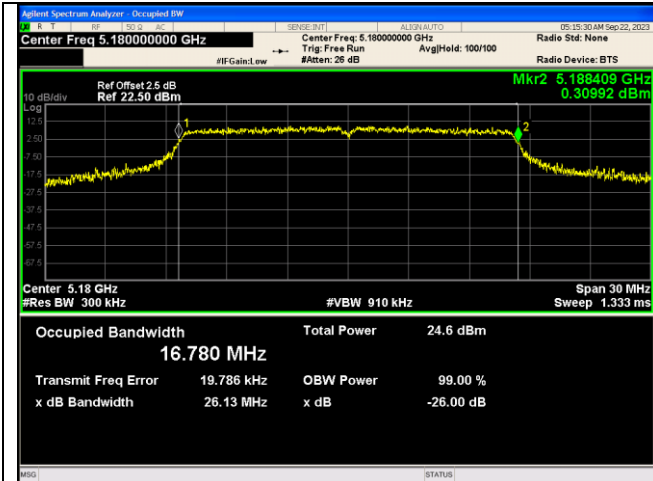


	159	484RU65	2	35.13	PASS
			0	35.10	PASS
			2	35.05	PASS
		26RU8	0	2.028	PASS
			2	2.042	PASS
		52RU40	0	4.079	PASS
			2	4.017	PASS
		106RU54	0	12.28	PASS
			2	13.56	PASS
		242RU61	0	36.09	PASS
2	29.12		PASS		
IEEE 802.11ax_80	155	996RU67	0	74.83	PASS
			2	75.09	PASS
		26RU17	0	2.089	PASS
			2	2.090	PASS
		52RU44	0	4.070	PASS
			2	4.018	PASS
		106RU56	0	8.264	PASS
			2	8.226	PASS
		242RU62	0	32.62	PASS
			2	35.16	PASS
		484RU65	0	76.06	PASS
			2	73.09	PASS



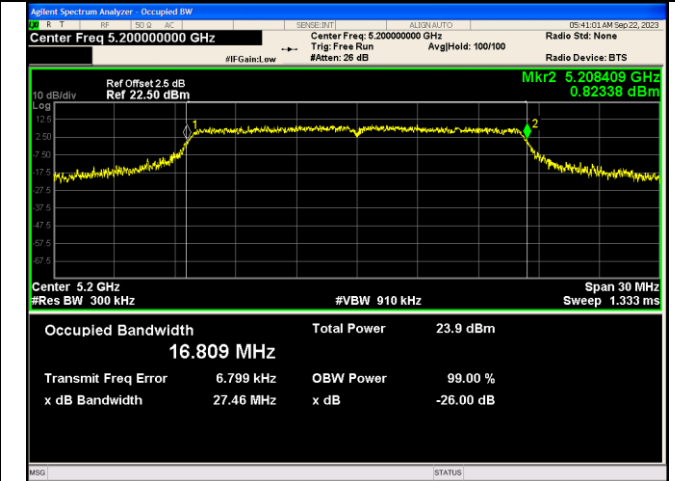
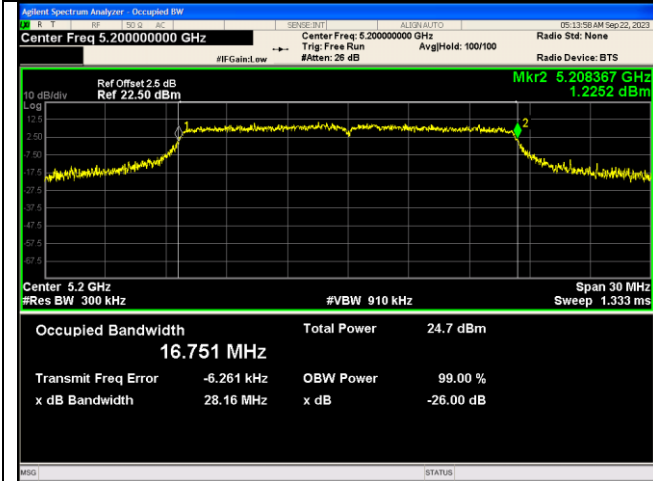
99% Bandwidth:

Ant 0+Ant 1:



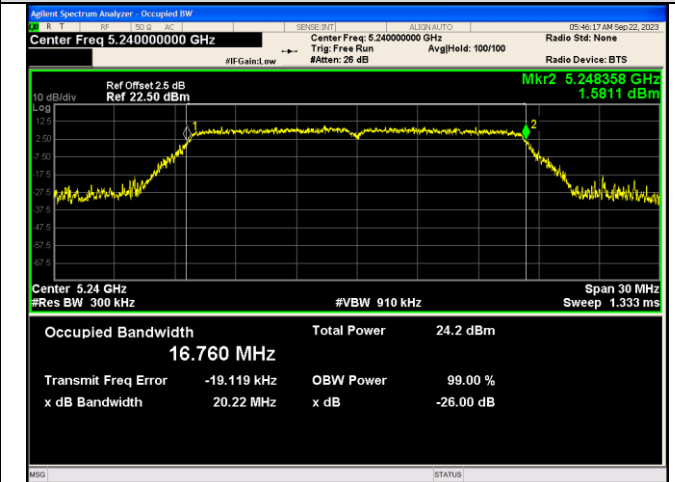
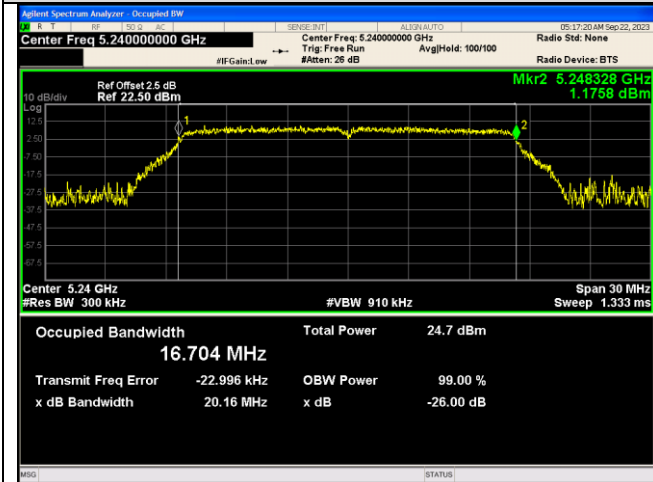
IEEE 802.11a Channel 36 20MHz Antenna 0

IEEE 802.11a Channel 36 20MHz Antenna 1



IEEE 802.11a Channel 40 20MHz Antenna 0

IEEE 802.11a Channel 40 20MHz Antenna 1



IEEE 802.11a Channel 48 20MHz Antenna 0

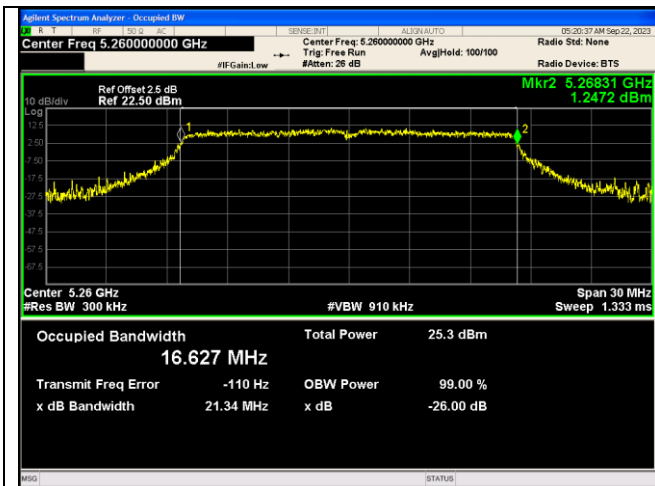
IEEE 802.11a Channel 48 20MHz Antenna 1

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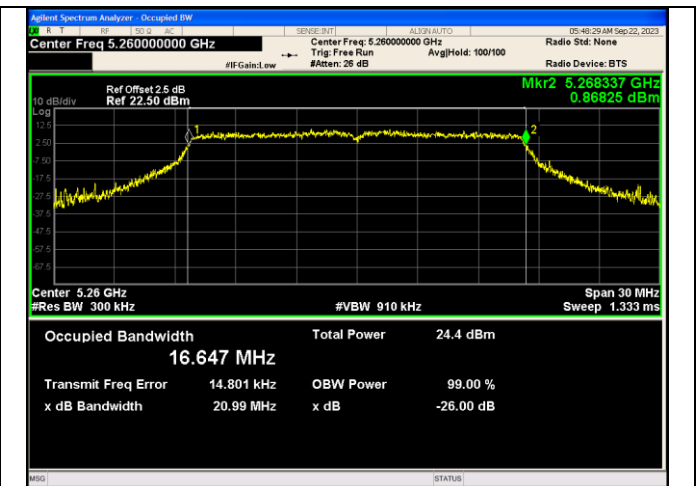
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China  
 Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn



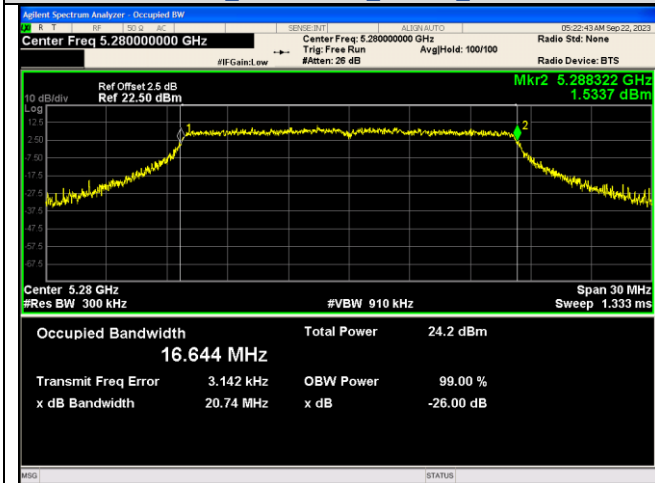
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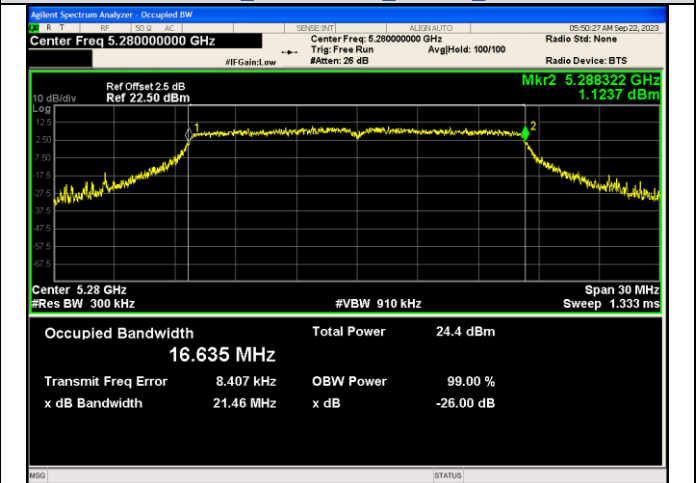
IEEE 802.11a Channel 52 20MHz Antenna 0



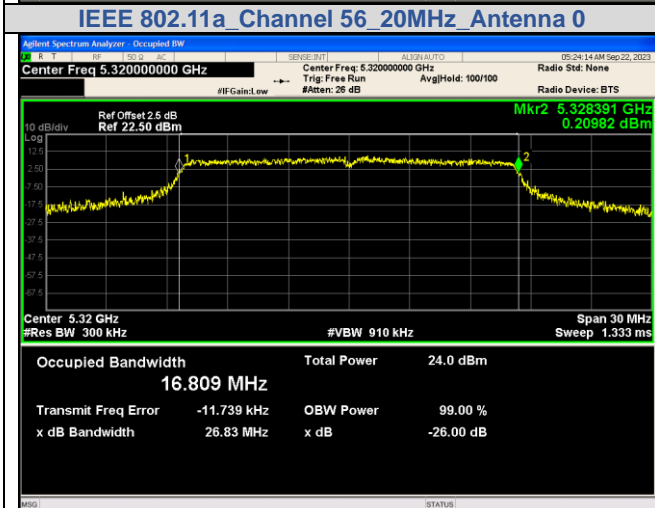
IEEE 802.11a Channel 52 20MHz Antenna 1



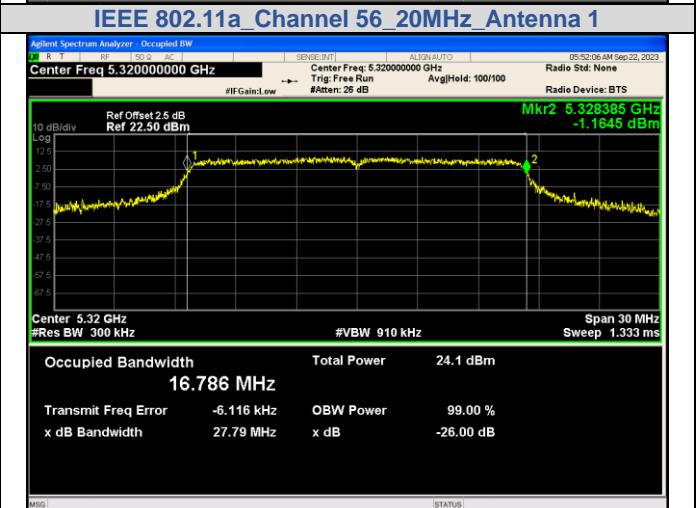
IEEE 802.11a Channel 52 20MHz Antenna 0



IEEE 802.11a Channel 52 20MHz Antenna 1



IEEE 802.11a Channel 56 20MHz Antenna 0



IEEE 802.11a Channel 56 20MHz Antenna 1



IEEE 802.11a Channel 64 20MHz Antenna 0



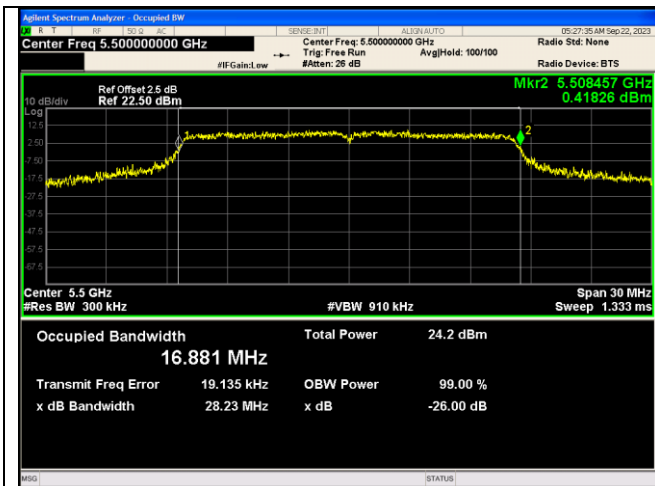
IEEE 802.11a Channel 64 20MHz Antenna 1

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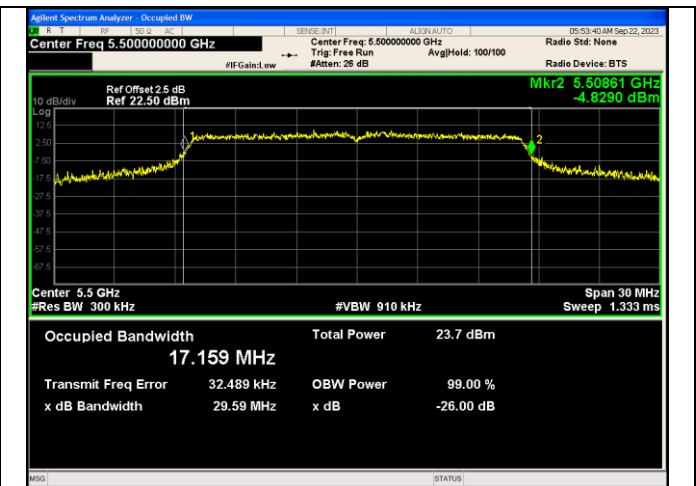
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Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn



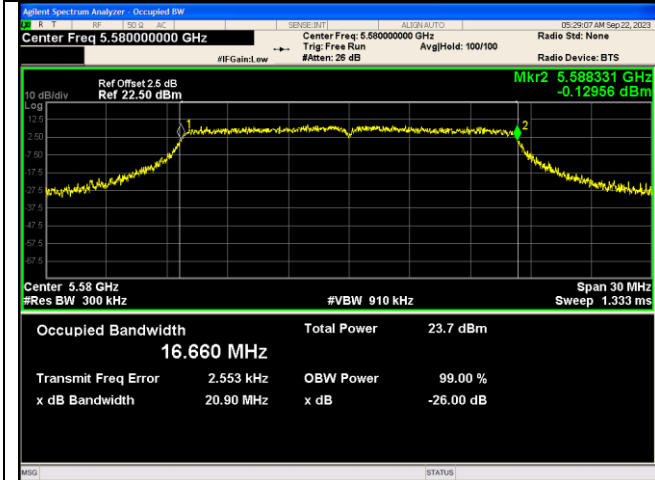
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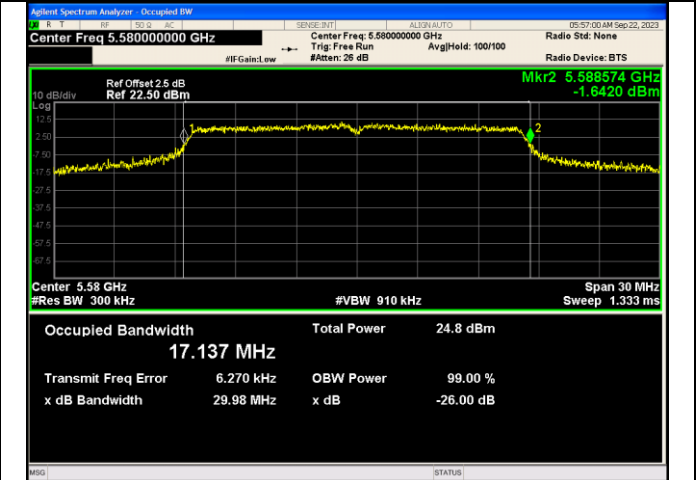
IEEE 802.11a Channel 100 20MHz Antenna 0



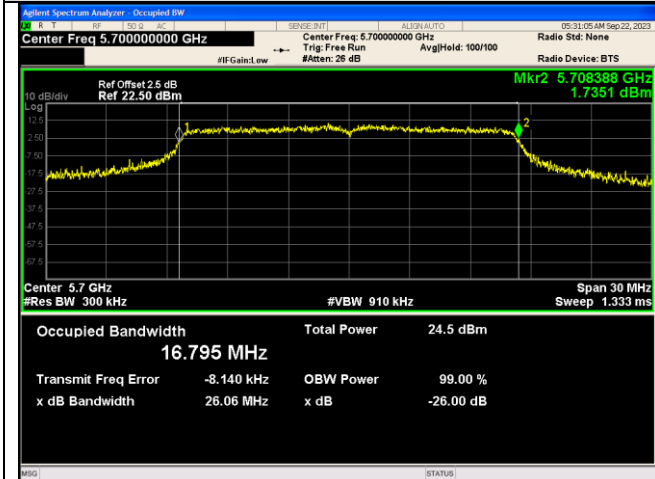
IEEE 802.11a Channel 100 20MHz Antenna 1



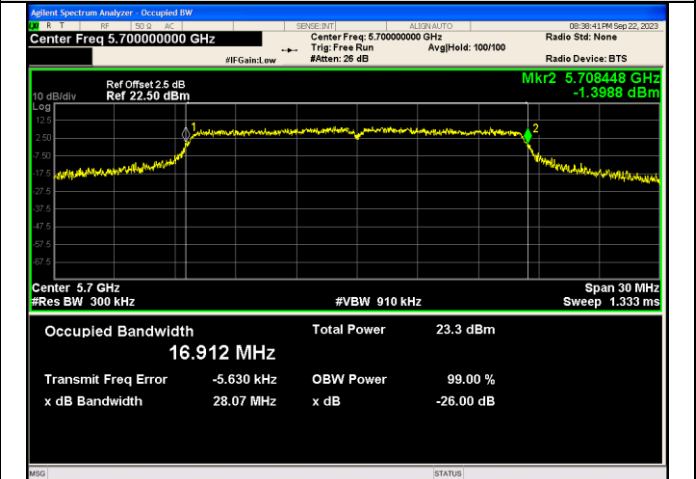
IEEE 802.11a Channel 116 20MHz Antenna 0



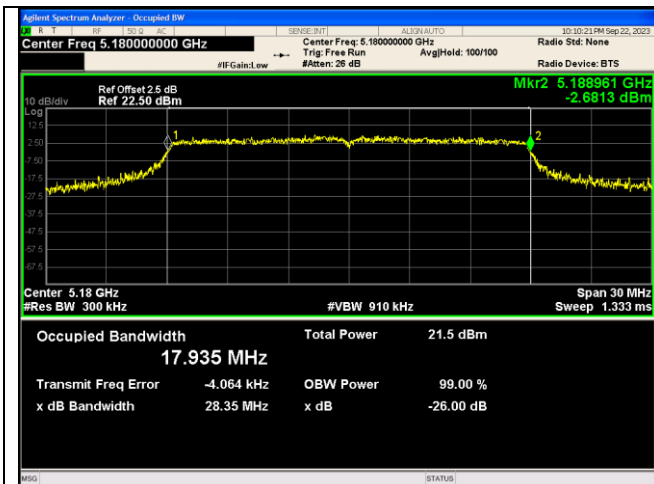
IEEE 802.11a Channel 116 20MHz Antenna 1



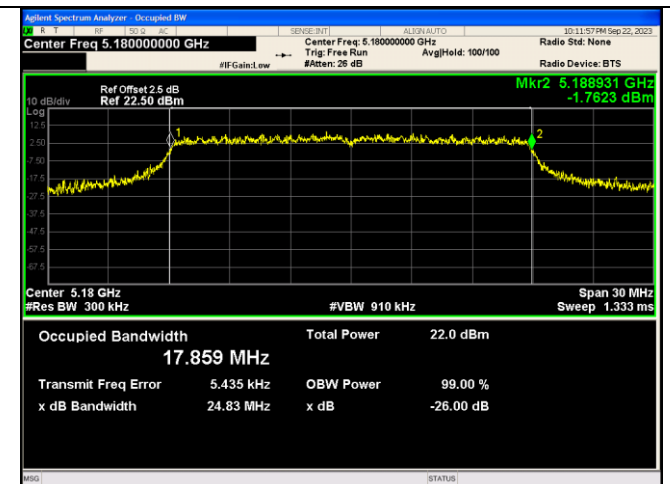
IEEE 802.11a Channel 140 20MHz Antenna 0



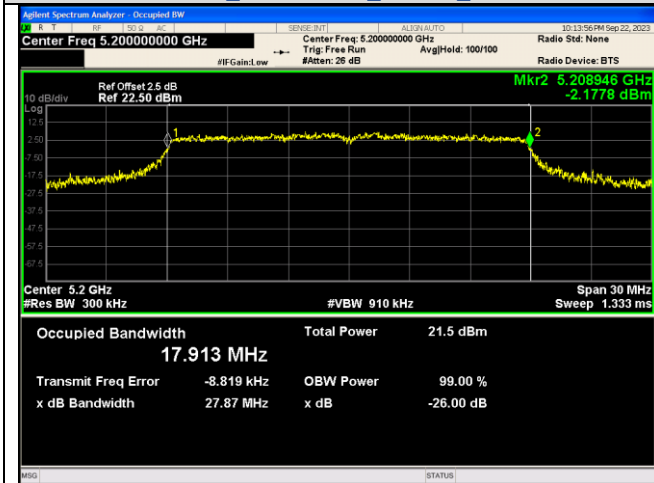
IEEE 802.11a Channel 140 20MHz Antenna 1



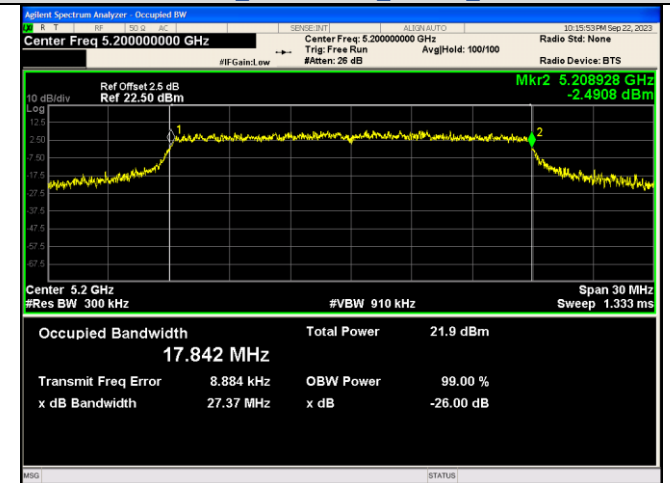
IEEE 802.11n Channel 36 20MHz Antenna 0



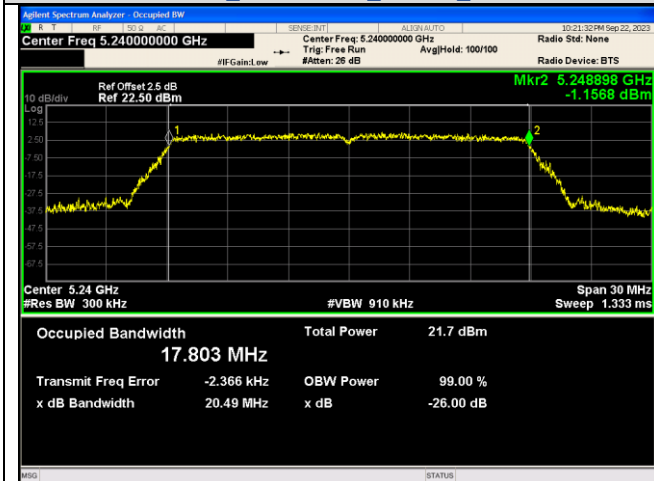
IEEE 802.11n Channel 36 20MHz Antenna 1



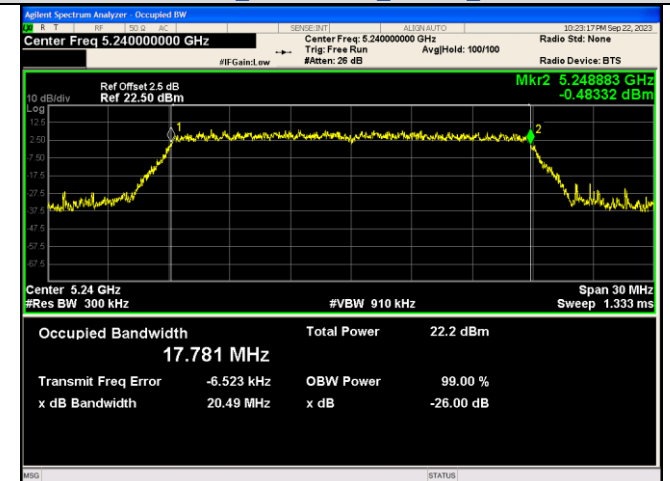
IEEE 802.11n Channel 40 20MHz Antenna 0



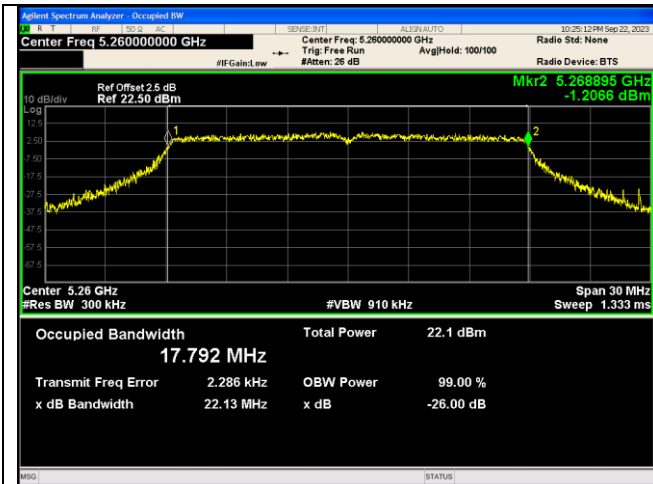
IEEE 802.11n Channel 40 20MHz Antenna 1



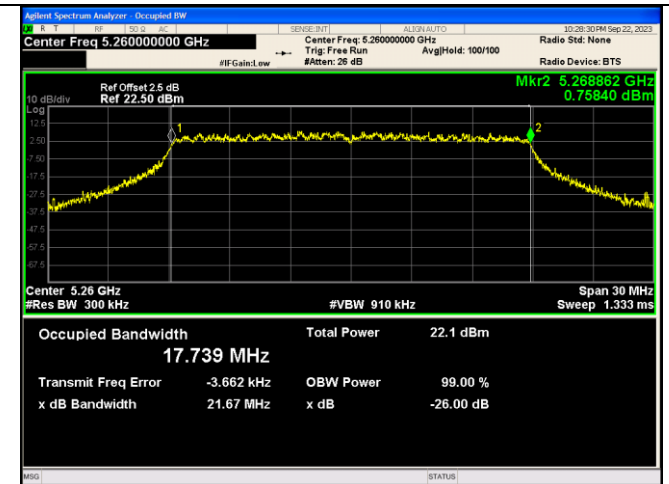
IEEE 802.11n Channel 48 20MHz Antenna 0



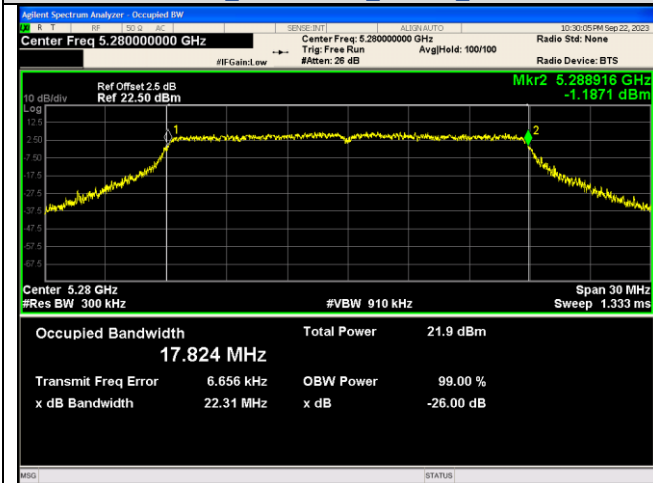
IEEE 802.11n Channel 48 20MHz Antenna 1



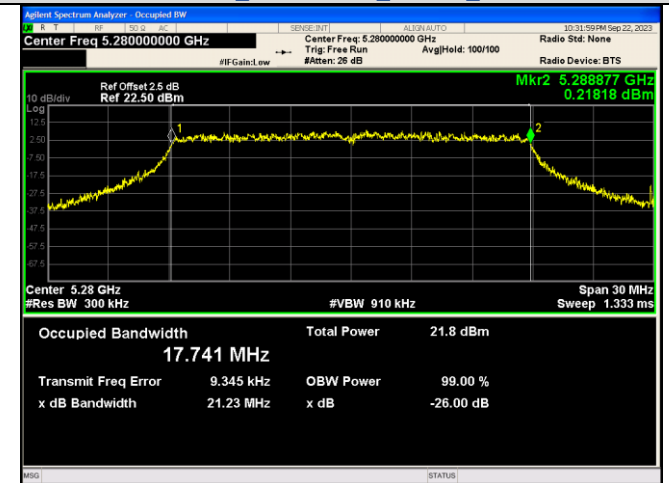
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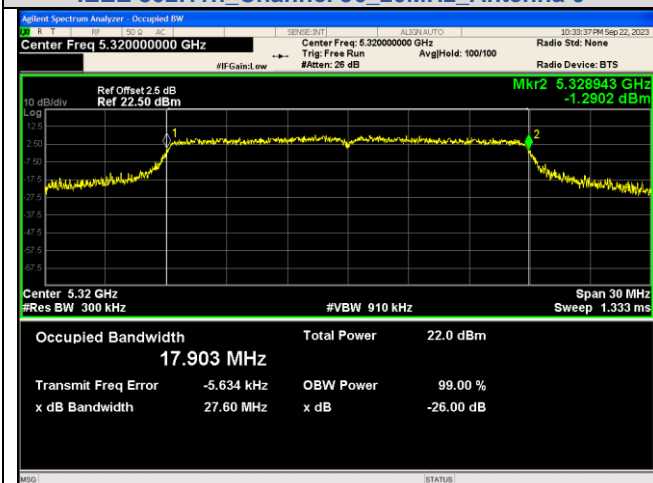
IEEE 802.11n Channel 52 20MHz Antenna 1



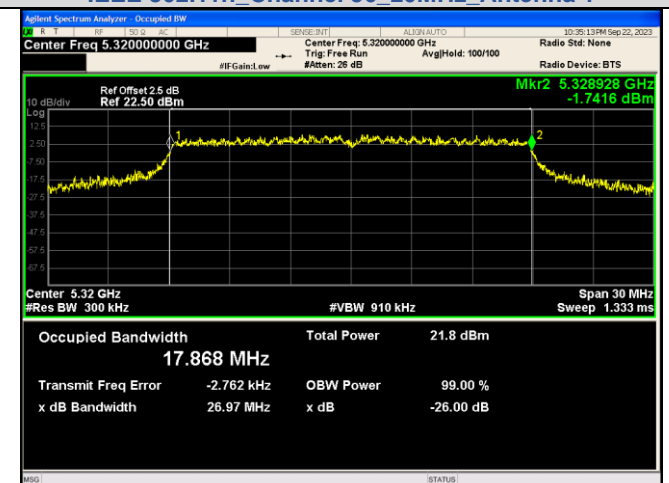
IEEE 802.11n Channel 56 20MHz Antenna 0



IEEE 802.11n Channel 56 20MHz Antenna 1

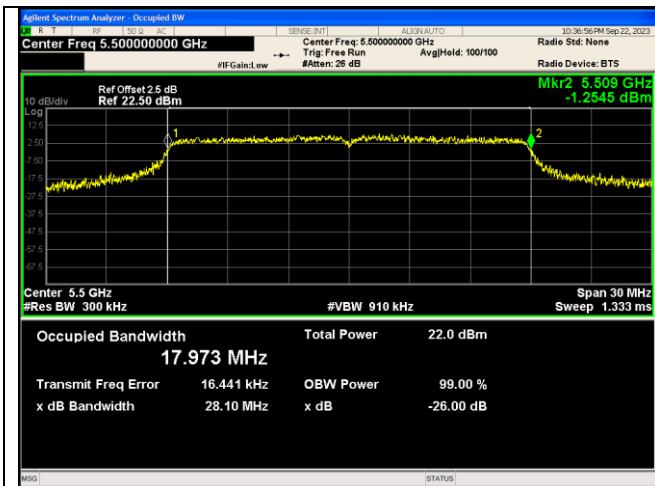


IEEE 802.11n Channel 64 20MHz Antenna 0

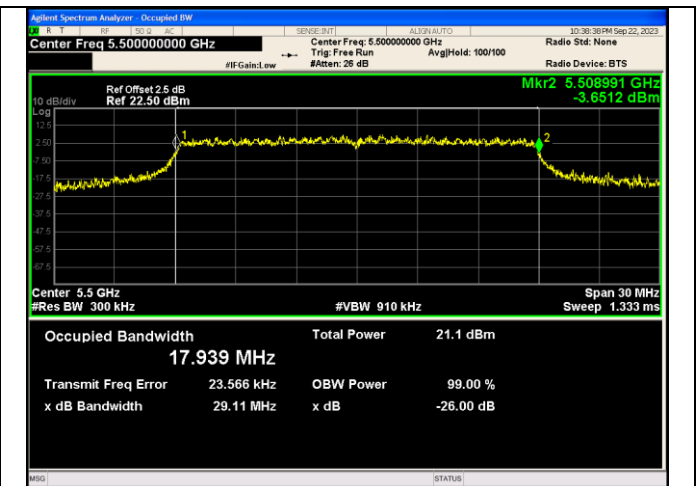


IEEE 802.11n Channel 64 20MHz Antenna 1

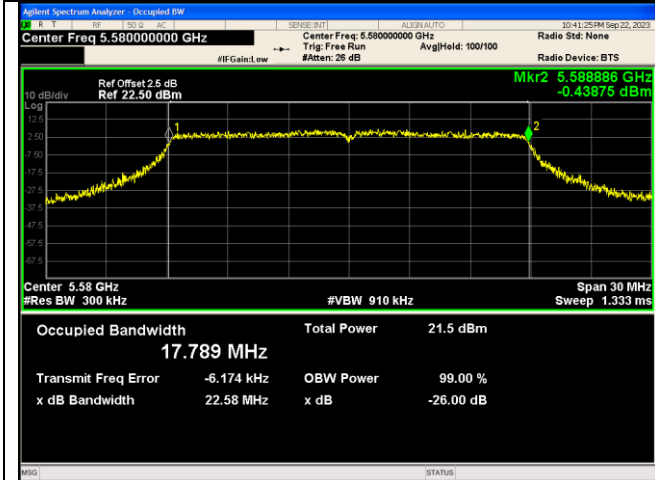




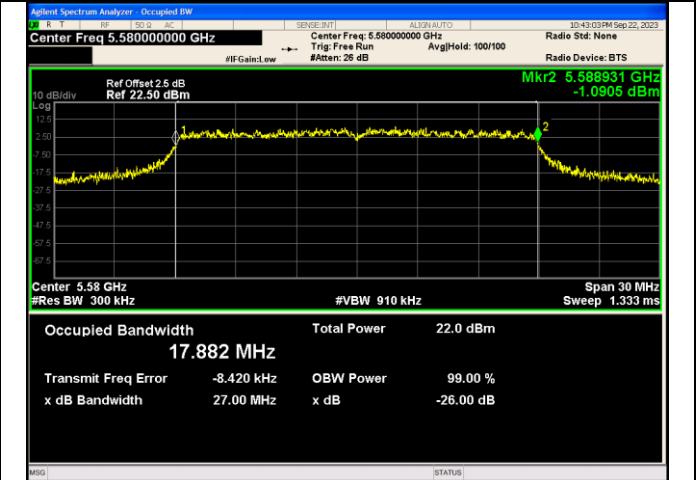
IEEE 802.11n Channel 100 20MHz Antenna 0



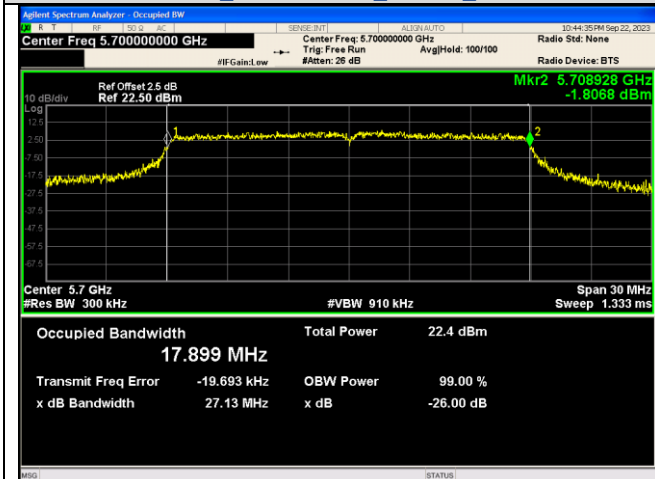
IEEE 802.11n Channel 100 20MHz Antenna 1



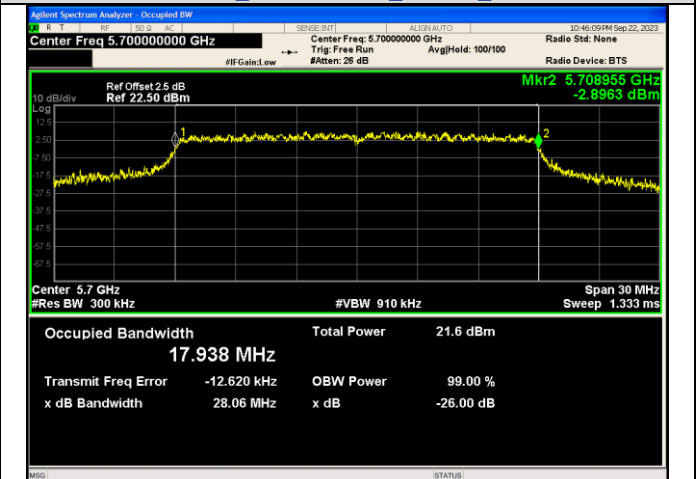
IEEE 802.11n Channel 116 20MHz Antenna 0



IEEE 802.11n Channel 116 20MHz Antenna 1

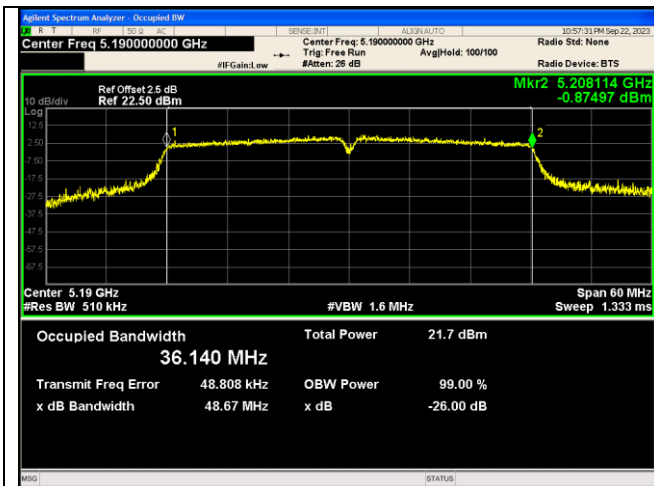


IEEE 802.11n Channel 140 20MHz Antenna 0

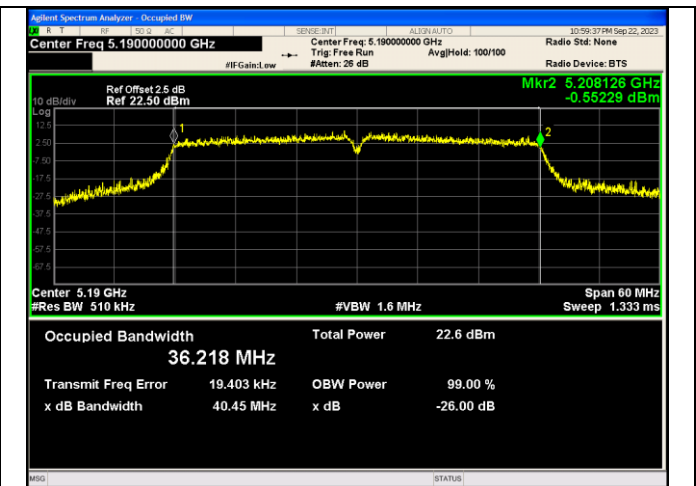


IEEE 802.11n Channel 140 20MHz Antenna 1

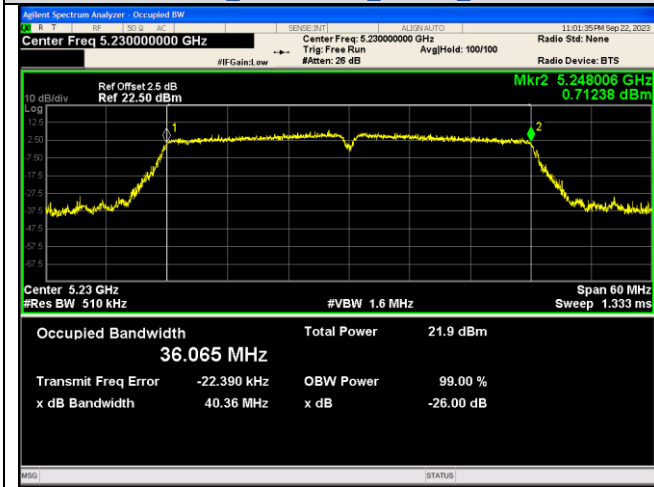




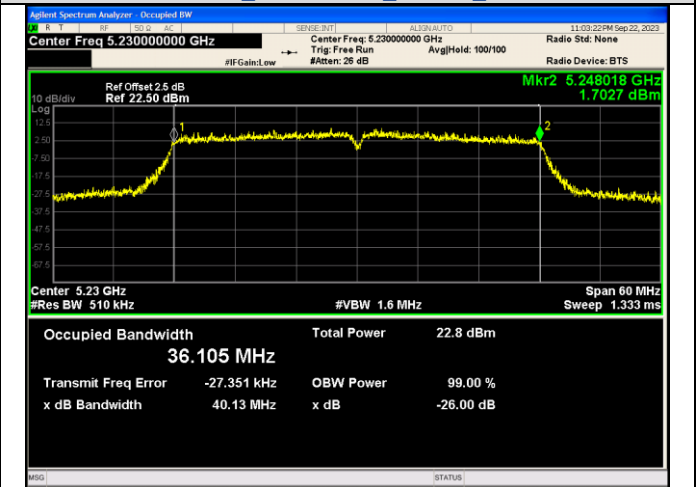
IEEE 802.11n Channel 38 40MHz Antenna 0



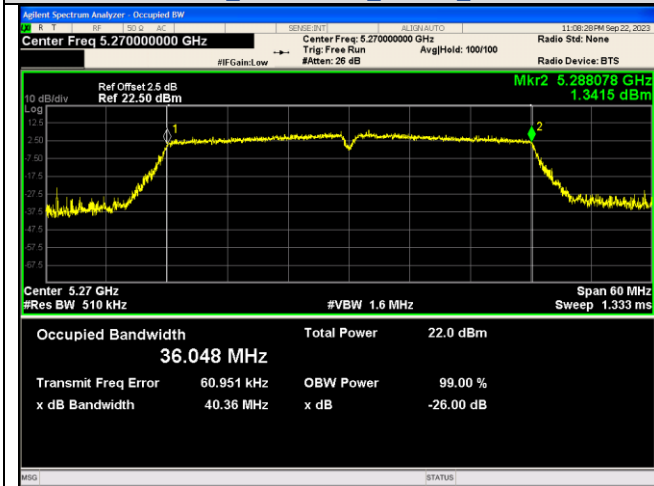
IEEE 802.11n Channel 38 40MHz Antenna 1



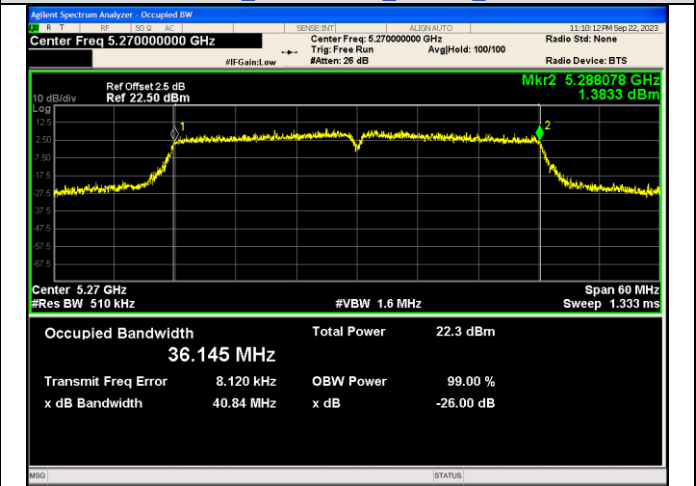
IEEE 802.11n Channel 46 40MHz Antenna 0



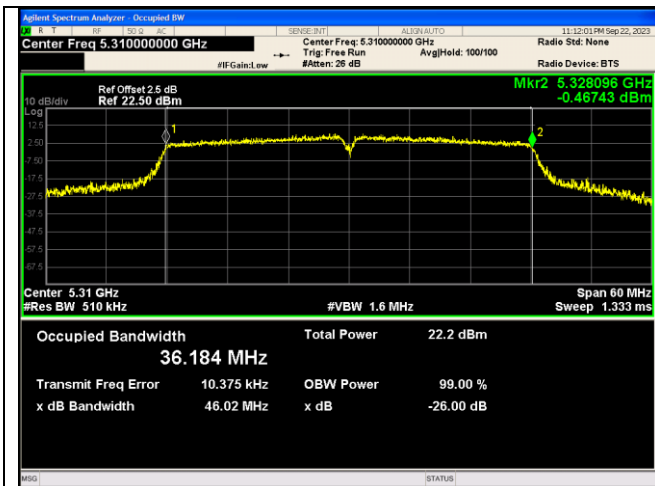
IEEE 802.11n Channel 46 40MHz Antenna 1



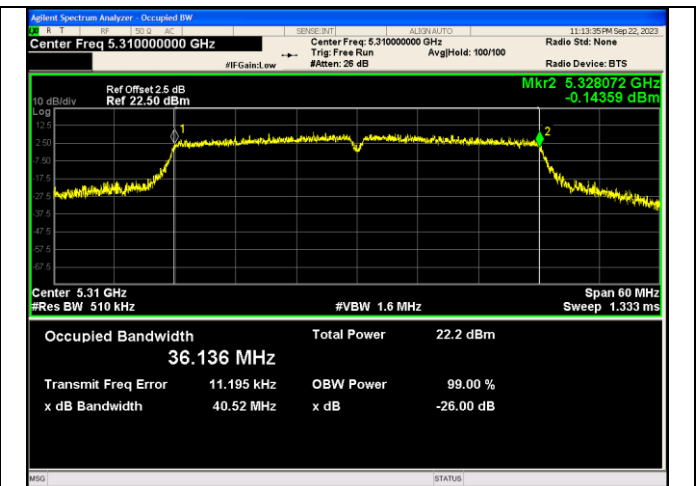
IEEE 802.11n Channel 54 40MHz Antenna 0



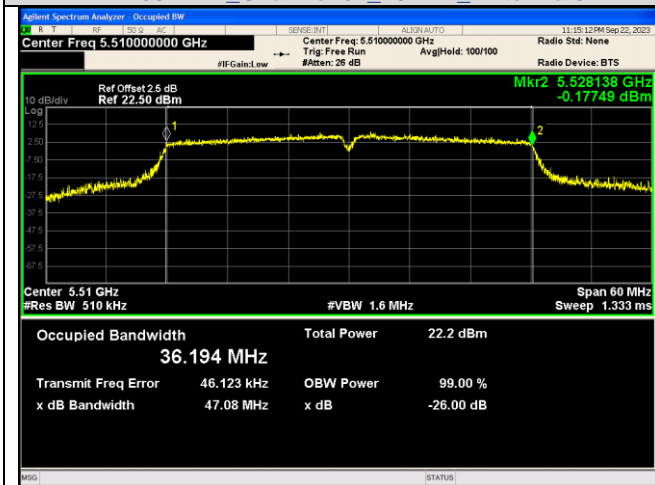
IEEE 802.11n Channel 54 40MHz Antenna 1



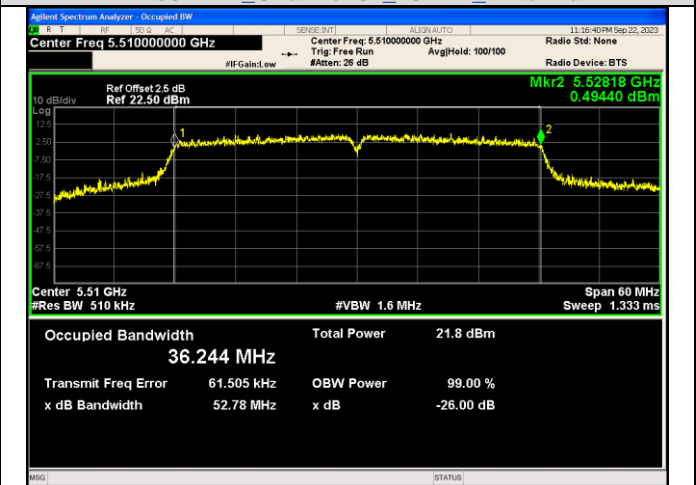
IEEE 802.11n Channel 62 40MHz Antenna 0



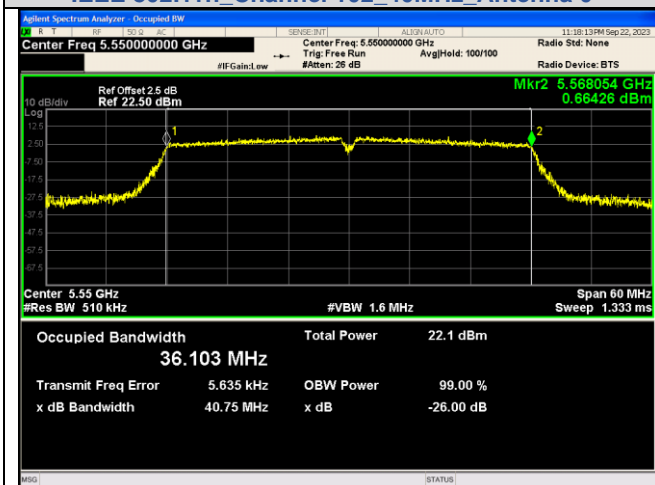
IEEE 802.11n Channel 62 40MHz Antenna 1



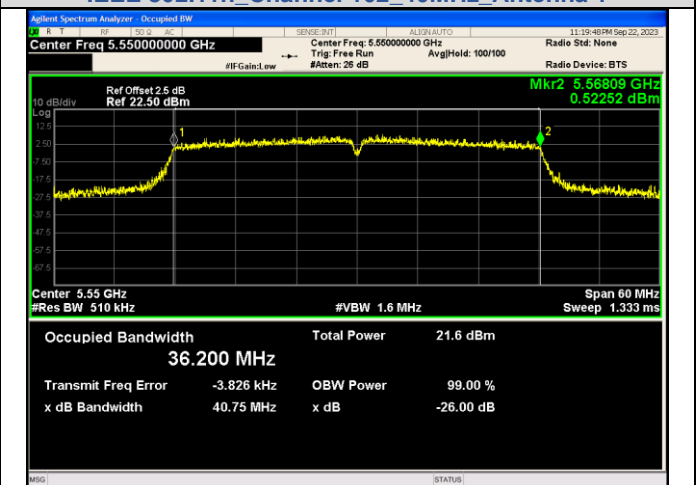
IEEE 802.11n Channel 102 40MHz Antenna 0



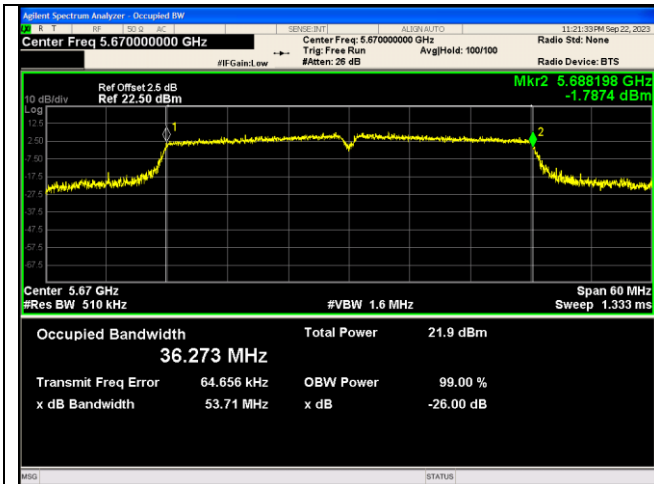
IEEE 802.11n Channel 102 40MHz Antenna 1



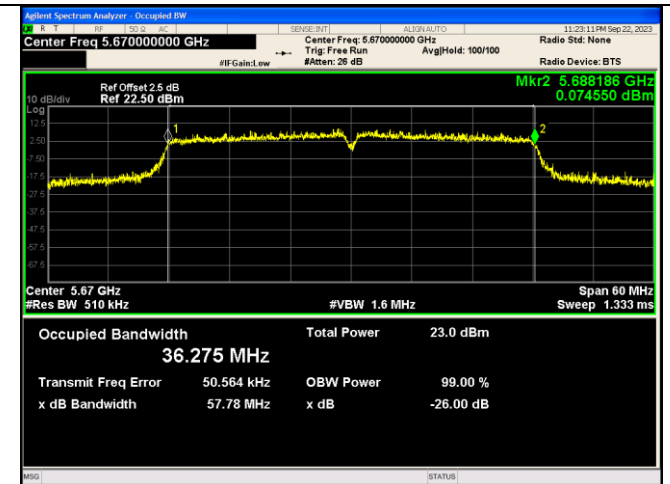
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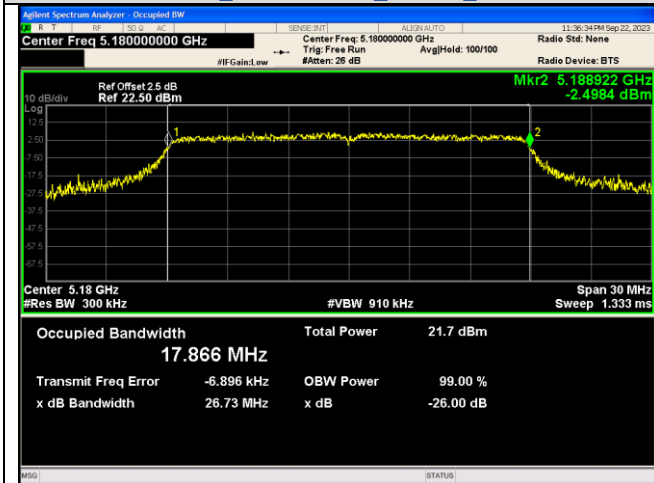
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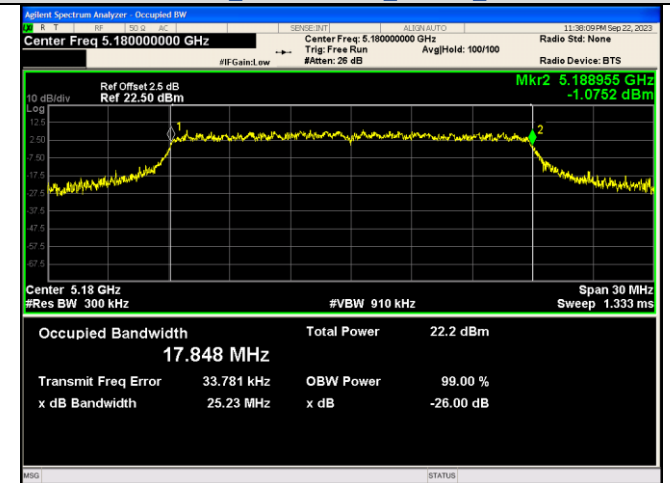
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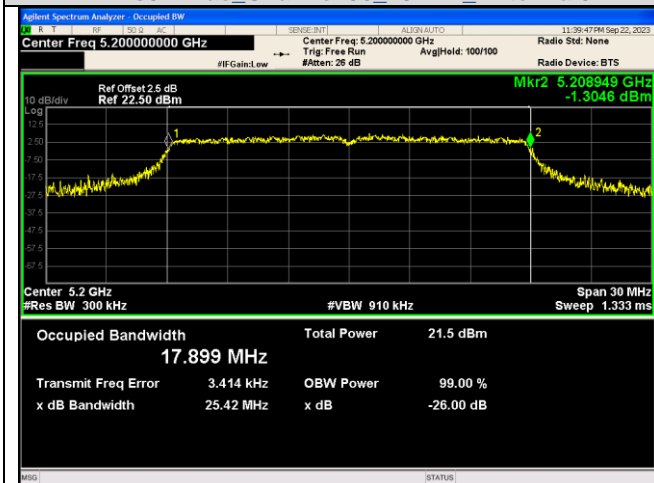
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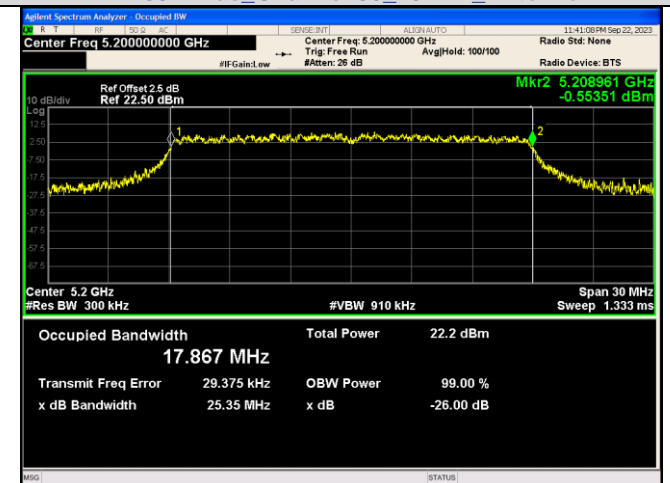
IEEE 802.11ac Channel 36 20MHz Antenna 0



IEEE 802.11ac Channel 36 20MHz Antenna 1



IEEE 802.11ac Channel 40 20MHz Antenna 0



IEEE 802.11ac Channel 40 20MHz Antenna 1