802.11ac-20M – Antenna 0+1										
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Required Limit (dBm)
		MCS8	MCS9	MCS10	MCS11	MCS12	MCS13	MCS14	MCS15	
36	5180	15.19	--	--	--	--	--	--	--	≤ 23.98 / ≤ 22.55 for IC
44	5220	15.47	15.42	15.38	15.31	15.27	15.26	15.22	15.21	≤ 23.98 / ≤ 22.55 for IC
48	5240	15.44	--	--	--	--	--	--	--	≤ 23.98 / ≤ 22.55 for IC
52	5260	15.21	--	--	--	--	--	--	--	≤ 23.98 / ≤ 23.49 for IC
60	5300	15.49	15.48	15.46	15.44	15.42	15.40	15.39	15.36	≤ 23.98 / ≤ 23.49 for IC
64	5320	15.30	--	--	--	--	--	--	--	≤ 23.98 / ≤ 23.49 for IC
100	5500	14.99	--	--	--	--	--	--	--	≤ 23.98 / ≤ 23.49 for IC
120	5600	15.02	14.97	14.92	14.82	14.77	14.73	14.67	14.65	≤ 23.98 / ≤ 23.49 for IC
140	5700	14.90	--	--	--	--	--	--	--	≤ 23.98 / ≤ 23.49 for IC
144	5720	14.91	--	--	--	--	--	--	--	≤ 23.98 / ≤ 23.49 for IC
149	5745	15.04	--	--	--	--	--	--	--	≤ 30
157	5785	15.40	15.33	15.26	15.20	15.17	15.15	15.12	15.11	≤ 30
165	5825	15.17	--	--	--	--	--	--	--	≤ 30

Note: Output power $=10*\log\{10^{\text{Ant 0 RF Output Power /10}}+10^{\text{Ant 1 RF Output Power /10}}\}$ (dBm).

802.11n-40M – Antenna 0										
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Required Limit (dBm)
		MCS8	MCS9	MCS10	MCS11	MCS12	MCS13	MCS14	MCS15	
38	5190	12.37	--	--	--	--	--	--	--	≤ 23.98 / ≤ 23.01for IC
46	5230	12.14	12.10	12.08	12.02	12.00	11.98	11.95	11.94	≤ 23.98 / ≤ 23.01for IC
54	5270	12.24	--	--	--	--	--	--	--	≤ 23.98
62	5310	12.17	12.13	12.10	11.97	11.89	11.88	11.87	11.84	≤ 23.98
102	5510	12.18	--	--	--	--	--	--	--	≤ 23.98
110	5550	11.83	11.82	11.81	11.79	11.78	11.76	11.72	11.71	≤ 23.98
134	5670	12.39	--	--	--	--	--	--	--	≤ 23.98
142	5710	12.17	--	--	--	--	--	--	--	≤ 23.98
151	5755	12.34	--	--	--	--	--	--	--	≤ 30
159	5795	12.09	12.07	12.04	12.02	11.95	11.93	11.90	11.89	≤ 30

802.11n-40M – Antenna 1										
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Required Limit (dBm)
		MCS8	MCS9	MCS10	MCS11	MCS12	MCS13	MCS14	MCS15	
38	5190	12.00	--	--	--	--	--	--	--	≤ 23.98 / ≤ 23.01for IC
46	5230	11.80	11.77	11.74	11.67	11.64	11.63	11.60	11.53	≤ 23.98 / ≤ 23.01for IC
54	5270	12.35	--	--	--	--	--	--	--	≤ 23.98
62	5310	12.12	12.10	12.08	12.04	12.03	12.02	11.98	11.96	≤ 23.98
102	5510	11.66	--	--	--	--	--	--	--	≤ 23.98
110	5550	12.03	11.97	11.94	11.93	11.92	11.90	11.88	11.86	≤ 23.98
134	5670	12.01	--	--	--	--	--	--	--	≤ 23.98
142	5710	11.78	--	--	--	--	--	--	--	≤ 23.98
151	5755	11.93	--	--	--	--	--	--	--	≤ 30
159	5795	12.30	12.28	12.26	12.24	12.23	12.20	12.16	12.12	≤ 30

Note: Output power =Reading value on power meter + duty cycle factor + cable loss.

802.11n-40M – Antenna 0+1										
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Required Limit (dBm)
		MCS8	MCS9	MCS10	MCS11	MCS12	MCS13	MCS14	MCS15	
38	5190	15.20	--	--	--	--	--	--	--	≤ 23.98 / ≤ 23.01for IC
46	5230	14.98	14.95	14.92	14.86	14.84	14.82	14.79	14.75	≤ 23.98 / ≤ 23.01for IC
54	5270	15.31	--	--	--	--	--	--	--	≤ 23.98
62	5310	15.16	15.13	15.10	15.02	14.97	14.96	14.94	14.91	≤ 23.98
102	5510	14.94	--	--	--	--	--	--	--	≤ 23.98
110	5550	14.94	14.91	14.89	14.87	14.86	14.84	14.81	14.80	≤ 23.98
134	5670	15.22	--	--	--	--	--	--	--	≤ 23.98
142	5710	14.99	--	--	--	--	--	--	--	≤ 23.98
151	5755	15.15	--	--	--	--	--	--	--	≤ 30
159	5795	15.21	15.19	15.16	15.14	15.10	15.08	15.04	15.02	≤ 30

Note: Output power $=10*\log\{10^{\text{Ant 0 RF Output Power /10}} +10^{\text{Ant 1 RF Output Power /10}}\}$ (dBm).

802.11ac-40M – Antenna 0										
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Required Limit (dBm)
		MCS8	MCS9	MCS10	MCS11	MCS12	MCS13	MCS14	MCS15	
38	5190	12.40	--	--	--	--	--	--	--	≤ 23.98 / ≤ 23.01for IC
46	5230	12.24	12.20	12.18	12.12	12.11	12.08	12.01	11.99	≤ 23.98 / ≤ 23.01for IC
54	5270	12.11	--	--	--	--	--	--	--	≤ 23.98
62	5310	12.30	12.28	12.22	12.18	12.16	12.13	12.11	12.09	≤ 23.98
102	5510	12.07	--	--	--	--	--	--	--	≤ 23.98
110	5550	12.09	12.06	12.04	12.02	12.01	11.97	11.94	11.91	≤ 23.98
134	5670	12.23	--	--	--	--	--	--	--	≤ 23.98
142	5710	12.02	--	--	--	--	--	--	--	≤ 23.98
151	5755	12.16	--	--	--	--	--	--	--	≤ 30
159	5795	12.19	12.16	12.14	12.13	12.12	12.08	12.07	12.05	≤ 30

802.11ac-40M – Antenna 1										
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Required Limit (dBm)
		MCS8	MCS9	MCS10	MCS11	MCS12	MCS13	MCS14	MCS15	
38	5190	11.90	--	--	--	--	--	--	--	≤ 23.98 / ≤ 23.01for IC
46	5230	11.93	11.90	11.87	11.82	11.79	11.74	11.68	11.67	≤ 23.98 / ≤ 23.01for IC
54	5270	12.27	--	--	--	--	--	--	--	≤ 23.98
62	5310	12.17	12.14	12.12	12.08	12.07	12.04	12.00	11.98	≤ 23.98
102	5510	11.55	--	--	--	--	--	--	--	≤ 23.98
110	5550	11.80	11.76	11.74	11.73	11.72	11.70	11.68	11.67	≤ 23.98
134	5670	11.85	--	--	--	--	--	--	--	≤ 23.98
142	5710	11.68	--	--	--	--	--	--	--	≤ 23.98
151	5755	11.93	--	--	--	--	--	--	--	≤ 30
159	5795	12.51	12.48	12.46	12.45	12.44	12.43	12.40	12.37	≤ 30

Note: Output power =Reading value on power meter + duty cycle factor + cable loss.

802.11ac-40M – Antenna 0+1										
Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)								Required Limit (dBm)
		MCS8	MCS9	MCS10	MCS11	MCS12	MCS13	MCS14	MCS15	
38	5190	15.17	--	--	--	--	--	--	--	≤ 23.98 / ≤ 23.01for IC
46	5230	15.10	15.06	15.04	14.98	14.96	14.92	14.86	14.84	≤ 23.98 / ≤ 23.01for IC
54	5270	15.20	--	--	--	--	--	--	--	≤ 23.98
62	5310	15.25	15.22	15.18	15.14	15.13	15.10	15.07	15.05	≤ 23.98
102	5510	14.83	--	--	--	--	--	--	--	≤ 23.98
110	5550	14.96	14.92	14.90	14.89	14.88	14.85	14.82	14.80	≤ 23.98
134	5670	15.06	--	--	--	--	--	--	--	≤ 23.98
142	5710	14.86	--	--	--	--	--	--	--	≤ 23.98
151	5755	15.06	--	--	--	--	--	--	--	≤ 30
159	5795	15.36	15.33	15.31	15.30	15.29	15.27	15.25	15.22	≤ 30

Note: Output power $=10*\log\{10^{\text{Ant 0 RF Output Power }/10}+10^{\text{Ant 1 RF Output Power }/10}\}$ (dBm).

802.11ac-80M – Antenna 0

Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)										Required Limit (dBm)
		2-MCS0	2-MCS1	2-MCS2	2-MCS3	2-MCS4	2-MCS5	2-MCS6	2-MCS7	2-MCS8	2-MCS9	
42	5210	10.85	1.70	1.70	1.70	10.79	1.70	1.70	1.70	1.70	10.73	≤ 23.98 / ≤ 23.01for IC
58	5290	11.10	11.09	11.08	11.06	11.05	11.03	11.00	10.98	10.96	10.94	≤ 23.98
106	5530	11.04	--	--	--	--	--	--	--	--	--	≤ 23.98
122	5610	11.15	11.13	11.11	11.10	11.08	11.06	11.04	11.03	11.01	11.00	≤ 23.98
138	5690	11.14	--	--	--	--	--	--	--	--	--	≤ 23.98
155	5775	11.18	11.16	11.14	11.13	11.12	11.11	11.10	11.09	11.08	11.07	≤ 30

802.11ac-80M – Antenna 1

Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)										Required Limit (dBm)
		2-MCS0	2-MCS1	2-MCS2	2-MCS3	2-MCS4	2-MCS5	2-MCS6	2-MCS7	2-MCS8	2-MCS9	
42	5210	10.95	10.94	10.92	10.90	10.89	10.88	10.86	10.85	10.82	10.81	≤ 23.98 / ≤ 23.01for IC
58	5290	11.18	1.70	1.70	1.70	11.12	1.70	1.70	1.70	1.70	11.03	≤ 23.98
106	5530	11.19	--	--	--	--	--	--	--	--	--	≤ 23.98
122	5610	11.39	11.38	11.37	11.36	11.34	11.32	11.31	11.30	11.29	11.28	≤ 23.98
138	5690	10.89	--	--	--	--	--	--	--	--	--	≤ 23.98
155	5775	11.06	11.00	10.96	10.85	10.80	10.78	10.77	10.76	10.75	10.74	≤ 30

802.11ac-80M – Antenna 0+1

Channel No.	Frequency (MHz)	Average Power For different Data Rate (Mbps)										Required Limit (dBm)
		2-MCS0	2-MCS1	2-MCS2	2-MCS3	2-MCS4	2-MCS5	2-MCS6	2-MCS7	2-MCS8	2-MCS9	
42	5210	13.91	11.43	11.42	11.40	13.85	11.38	11.36	11.35	11.33	13.78	≤ 23.98 / ≤ 23.01for IC
58	5290	14.15	11.57	11.56	11.54	14.10	11.51	11.49	11.47	11.45	14.00	≤ 23.98
106	5530	14.13	--	--	--	--	--	--	--	--	--	≤ 23.98
122	5610	14.29	14.27	14.26	14.25	14.23	14.21	14.19	14.18	14.17	14.16	≤ 23.98
138	5690	14.03	--	--	--	--	--	--	--	--	--	≤ 23.98
155	5775	14.14	14.10	14.07	14.01	13.98	13.96	13.95	13.94	13.93	13.92	≤ 30

Note: Output power $=10*\log\{10^{\text{Ant 0 RF Output Power /10}}+10^{\text{Ant 1 RF Output Power /10}}\}$ (dBm).

802.11a EIRP Power:

Test Mode	Channel No.	Freq. (MHz)	EIRP (dBm)	EIRP Limit (dBm)	Result
Antenna 0					
802.11a	36	5180	18.85	≤ 29.98 / ≤ 28.21 for IC	Pass
802.11a	44	5220	19.44	≤ 29.98 / ≤ 28.21 for IC	Pass
802.11a	48	5240	19.28	≤ 29.98 / ≤ 28.21 for IC	Pass
802.11a	52	5260	19.11	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	60	5300	19.42	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	64	5320	19.26	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	100	5500	19.18	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	120	5600	19.29	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	140	5700	19.13	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	144	5720	18.98	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	149	5745	19.10	≤ 36	Pass
802.11a	157	5785	19.39	≤ 36	Pass
802.11a	165	5825	19.41	≤ 36	Pass
Antenna 1					
802.11a	36	5180	19.33	≤ 29.98 / ≤ 28.21 for IC	Pass
802.11a	44	5220	19.33	≤ 29.98 / ≤ 28.21 for IC	Pass
802.11a	48	5240	19.49	≤ 29.98 / ≤ 28.21 for IC	Pass
802.11a	52	5260	19.49	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	60	5300	19.46	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	64	5320	19.38	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	100	5500	19.17	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	120	5600	19.50	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	140	5700	19.37	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	144	5720	19.21	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	149	5745	19.12	≤ 36	Pass
802.11a	157	5785	19.21	≤ 36	Pass
802.11a	165	5825	18.94	≤ 36	Pass

Note: EIRP Power = Output Power + Antenna Gain.

802.11a EIRP Power:

Test Mode	Channel No.	Freq. (MHz)	EIRP (dBm)	EIRP Limit (dBm)	Result
Antenna 0+1					
802.11a	36	5180	22.11	≤ 29.98 / ≤ 28.21 for IC	Pass
802.11a	44	5220	22.40	≤ 29.98 / ≤ 28.21 for IC	Pass
802.11a	48	5240	22.40	≤ 29.98 / ≤ 28.21 for IC	Pass
802.11a	52	5260	22.32	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	60	5300	22.45	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	64	5320	22.33	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	100	5500	22.19	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	120	5600	22.41	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	140	5700	22.27	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	144	5720	22.11	≤ 29.98 / ≤ 29.21 for IC	Pass
802.11a	149	5745	22.12	≤ 36	Pass
802.11a	157	5785	22.31	≤ 36	Pass
802.11a	165	5825	22.20	≤ 36	Pass

Note: EIRP Power = Output Power + Antenna Gain.

802.11n20 EIRP Power:

Test Mode	Channel No.	Freq. (MHz)	EIRP (dBm)	EIRP Limit (dBm)	Result
Antenna 0					
802.11n20	36	5180	18.02	≤ 29.98 / ≤ 28.55 for IC	Pass
802.11n20	44	5220	18.47	≤ 29.98 / ≤ 28.55 for IC	Pass
802.11n20	48	5240	18.59	≤ 29.98 / ≤ 28.55 for IC	Pass
802.11n20	52	5260	18.29	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	60	5300	18.09	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	64	5320	18.31	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	100	5500	18.29	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	120	5600	18.32	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	140	5700	18.36	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	144	5720	17.95	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	149	5745	18.09	≤ 36	Pass
802.11n20	157	5785	18.49	≤ 36	Pass
802.11n20	165	5825	18.22	≤ 36	Pass
Antenna 1					
802.11n20	36	5180	18.38	≤ 29.98 / ≤ 28.55 for IC	Pass
802.11n20	44	5220	18.43	≤ 29.98 / ≤ 28.55 for IC	Pass
802.11n20	48	5240	18.23	≤ 29.98 / ≤ 28.55 for IC	Pass
802.11n20	52	5260	18.22	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	60	5300	18.55	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	64	5320	18.37	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	100	5500	18.43	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	120	5600	17.90	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	140	5700	18.50	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	144	5720	17.99	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	149	5745	18.07	≤ 36	Pass
802.11n20	157	5785	18.41	≤ 36	Pass
802.11n20	165	5825	18.10	≤ 36	Pass

Note: EIRP Power = Output Power + Antenna Gain.

802.11n20 EIRP Power:

Test Mode	Channel No.	Freq. (MHz)	EIRP (dBm)	EIRP Limit (dBm)	Result
Antenna 0+1					
802.11n20	36	5180	21.21	≤ 29.98 / ≤ 28.55 for IC	Pass
802.11n20	44	5220	21.46	≤ 29.98 / ≤ 28.55 for IC	Pass
802.11n20	48	5240	21.42	≤ 29.98 / ≤ 28.55 for IC	Pass
802.11n20	52	5260	21.26	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	60	5300	21.33	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	64	5320	21.35	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	100	5500	21.37	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	120	5600	21.12	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	140	5700	21.44	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	144	5720	20.98	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11n20	149	5745	21.09	≤ 36	Pass
802.11n20	157	5785	21.46	≤ 36	Pass
802.11n20	165	5825	21.17	≤ 36	Pass

Note: EIRP Power = Output Power + Antenna Gain.

802.11ac20 EIRP Power:

Test Mode	Channel No.	Freq. (MHz)	EIRP (dBm)	EIRP Limit (dBm)	Result
Antenna 0					
802.11ac20	36	5180	18.03	≤ 29.98 / ≤ 28.55 for IC	Pass
802.11ac20	44	5220	18.65	≤ 29.98 / ≤ 28.55 for IC	Pass
802.11ac20	48	5240	18.63	≤ 29.98 / ≤ 28.55 for IC	Pass
802.11ac20	52	5260	18.28	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	60	5300	18.22	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	64	5320	18.23	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	100	5500	17.92	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	120	5600	18.18	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	140	5700	17.90	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	144	5720	17.88	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	149	5745	18.11	≤ 36	Pass
802.11ac20	157	5785	18.60	≤ 36	Pass
802.11ac20	165	5825	18.23	≤ 36	Pass
Antenna 1					
802.11ac20	36	5180	18.32	≤ 29.98 / ≤ 28.55 for IC	Pass
802.11ac20	44	5220	18.26	≤ 29.98 / ≤ 28.55 for IC	Pass
802.11ac20	48	5240	18.22	≤ 29.98 / ≤ 28.55 for IC	Pass
802.11ac20	52	5260	18.12	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	60	5300	18.73	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	64	5320	18.34	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	100	5500	18.04	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	120	5600	17.84	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	140	5700	17.87	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	144	5720	17.91	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	149	5745	17.94	≤ 36	Pass
802.11ac20	157	5785	18.16	≤ 36	Pass
802.11ac20	165	5825	18.09	≤ 36	Pass

Note: EIRP Power = Output Power + Antenna Gain.

802.11ac20 EIRP Power:

Test Mode	Channel No.	Freq. (MHz)	EIRP (dBm)	EIRP Limit (dBm)	Result
Antenna 0+1					
802.11ac20	36	5180	21.19	≤ 29.98 / ≤ 28.55 for IC	Pass
802.11ac20	44	5220	21.47	≤ 29.98 / ≤ 28.55 for IC	Pass
802.11ac20	48	5240	21.44	≤ 29.98 / ≤ 28.55 for IC	Pass
802.11ac20	52	5260	21.21	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	60	5300	21.49	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	64	5320	21.30	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	100	5500	20.99	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	120	5600	21.02	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	140	5700	20.90	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	144	5720	20.91	≤ 29.98 / ≤ 29.49 for IC	Pass
802.11ac20	149	5745	21.04	≤ 36	Pass
802.11ac20	157	5785	21.40	≤ 36	Pass
802.11ac20	165	5825	21.17	≤ 36	Pass

Note: EIRP Power = Output Power + Antenna Gain.

802.11n40 EIRP Power:

Test Mode	Channel No.	Freq. (MHz)	EIRP (dBm)	EIRP Limit (dBm)	Result
Antenna 0					
802.11n40	38	5190	18.37	≤ 29.98 / ≤ 29.01 for IC	Pass
802.11n40	46	5230	18.14	≤ 29.98 / ≤ 29.01 for IC	Pass
802.11n40	54	5270	18.24	≤ 29.98	Pass
802.11n40	62	5310	18.17	≤ 29.98	Pass
802.11n40	102	5510	18.18	≤ 29.98	Pass
802.11n40	110	5550	17.83	≤ 29.98	Pass
802.11n40	134	5670	18.39	≤ 29.98	Pass
802.11n40	142	5710	18.17	≤ 29.98	Pass
802.11n40	151	5755	18.34	≤ 36	Pass
802.11n40	159	5795	18.09	≤ 36	Pass
Antenna 1					
802.11n40	38	5190	18.00	≤ 29.98 / ≤ 29.01 for IC	Pass
802.11n40	46	5230	17.80	≤ 29.98 / ≤ 29.01 for IC	Pass
802.11n40	54	5270	18.35	≤ 29.98	Pass
802.11n40	62	5310	18.12	≤ 29.98	Pass
802.11n40	102	5510	17.66	≤ 29.98	Pass
802.11n40	110	5550	18.03	≤ 29.98	Pass
802.11n40	134	5670	18.01	≤ 29.98	Pass
802.11n40	142	5710	17.78	≤ 29.98	Pass
802.11n40	151	5755	17.93	≤ 36	Pass
802.11n40	159	5795	18.30	≤ 36	Pass

Note: EIRP Power = Output Power + Antenna Gain.

802.11n40 EIRP Power:

Test Mode	Channel No.	Freq. (MHz)	EIRP (dBm)	EIRP Limit (dBm)	Result
Antenna 0+1					
802.11n40	38	5190	21.20	≤ 29.98 / ≤ 29.01 for IC	Pass
802.11n40	46	5230	20.98	≤ 29.98 / ≤ 29.01 for IC	Pass
802.11n40	54	5270	21.31	≤ 29.98	Pass
802.11n40	62	5310	21.16	≤ 29.98	Pass
802.11n40	102	5510	20.94	≤ 29.98	Pass
802.11n40	110	5550	20.94	≤ 29.98	Pass
802.11n40	134	5670	21.22	≤ 29.98	Pass
802.11n40	142	5710	20.99	≤ 29.98	Pass
802.11n40	151	5755	21.15	≤ 36	Pass
802.11n40	159	5795	21.21	≤ 36	Pass

Note: EIRP Power = Output Power + Antenna Gain.

802.11ac40 EIRP Power:

Test Mode	Channel No.	Freq. (MHz)	EIRP (dBm)	EIRP Limit (dBm)	Result
Antenna 0					
802.11ac40	38	5190	18.40	≤ 29.98 / ≤ 29.01 for IC	Pass
802.11ac40	46	5230	18.24	≤ 29.98 / ≤ 29.01 for IC	Pass
802.11ac40	54	5270	18.11	≤ 29.98	Pass
802.11ac40	62	5310	18.30	≤ 29.98	Pass
802.11ac40	102	5510	18.07	≤ 29.98	Pass
802.11ac40	110	5550	18.09	≤ 29.98	Pass
802.11ac40	134	5670	18.23	≤ 29.98	Pass
802.11ac40	142	5710	18.02	≤ 29.98	Pass
802.11ac40	151	5755	18.16	≤ 36	Pass
802.11ac40	159	5795	18.19	≤ 36	Pass
Antenna 1					
802.11ac40	38	5190	17.90	≤ 29.98 / ≤ 29.01 for IC	Pass
802.11ac40	46	5230	17.93	≤ 29.98 / ≤ 29.01 for IC	Pass
802.11ac40	54	5270	18.27	≤ 29.98	Pass
802.11ac40	62	5310	18.17	≤ 29.98	Pass
802.11ac40	102	5510	17.55	≤ 29.98	Pass
802.11ac40	110	5550	17.80	≤ 29.98	Pass
802.11ac40	134	5670	17.85	≤ 29.98	Pass
802.11ac40	142	5710	17.68	≤ 29.98	Pass
802.11ac40	151	5755	17.93	≤ 36	Pass
802.11ac40	159	5795	18.51	≤ 36	Pass

Note: EIRP Power = Output Power + Antenna Gain.

802.11ac40 EIRP Power:

Test Mode	Channel No.	Freq. (MHz)	EIRP (dBm)	EIRP Limit (dBm)	Result
Antenna 0+1					
802.11ac40	38	5190	21.17	≤ 29.98 / ≤ 29.01 for IC	Pass
802.11ac40	46	5230	21.10	≤ 29.98 / ≤ 29.01 for IC	Pass
802.11ac40	54	5270	21.20	≤ 29.98	Pass
802.11ac40	62	5310	21.25	≤ 29.98	Pass
802.11ac40	102	5510	20.83	≤ 29.98	Pass
802.11ac40	110	5550	20.96	≤ 29.98	Pass
802.11ac40	134	5670	21.06	≤ 29.98	Pass
802.11ac40	142	5710	20.86	≤ 29.98	Pass
802.11ac40	151	5755	21.06	≤ 36	Pass
802.11ac40	159	5795	21.36	≤ 36	Pass

Note: EIRP Power = Output Power + Antenna Gain.

802.11ac80 EIRP Power:

Test Mode	Channel No.	Freq. (MHz)	EIRP (dBm)	EIRP Limit (dBm)	Result
Antenna 0					
802.11ac80	42	5210	16.85	≤ 29.98 / ≤ 29.01 for IC	Pass
802.11ac80	58	5290	17.10	≤ 29.98	Pass
802.11ac80	106	5530	17.04	≤ 29.98	Pass
802.11ac80	122	5610	17.15	≤ 29.98	Pass
802.11ac80	138	5690	17.14	≤ 29.98	Pass
802.11ac80	155	5775	17.18	≤ 36	Pass
Antenna 1					
802.11ac80	42	5210	16.95	≤ 29.98 / ≤ 29.01 for IC	Pass
802.11ac80	58	5290	17.18	≤ 29.98	Pass
802.11ac80	106	5530	17.19	≤ 29.98	Pass
802.11ac80	122	5610	17.39	≤ 29.98	Pass
802.11ac80	138	5690	16.89	≤ 29.98	Pass
802.11ac80	155	5775	17.06	≤ 36	Pass
Antenna 0+1					
802.11ac80	42	5210	19.91	≤ 29.98 / ≤ 29.01 for IC	Pass
802.11ac80	58	5290	20.15	≤ 29.98	Pass
802.11ac80	106	5530	20.13	≤ 29.98	Pass
802.11ac80	122	5610	20.29	≤ 29.98	Pass
802.11ac80	138	5690	20.03	≤ 29.98	Pass
802.11ac80	155	5775	20.14	≤ 36	Pass

Note: EIRP Power = Output Power + Antenna Gain.

7.5. Transmit Power Control

7.5.1. Test Limit

The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm.

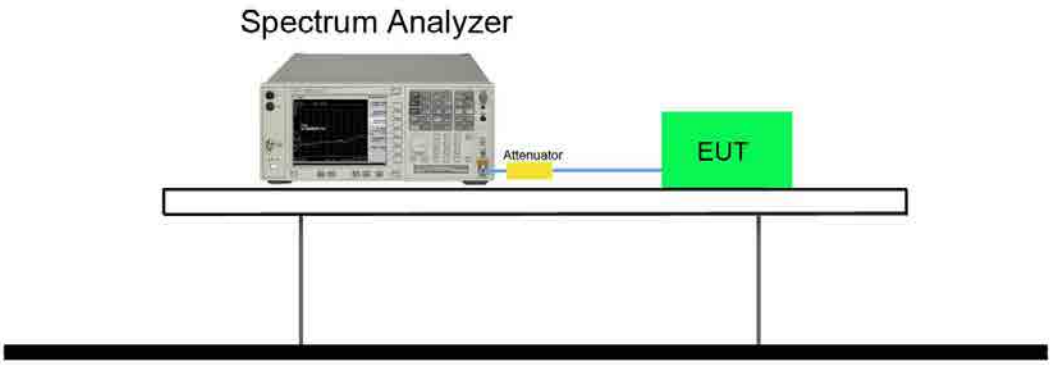
7.5.2. Test Procedure Used

KDB 789033 D02v02r01 - Section E) 3) b) Method PM-G

7.5.3. Test Setting

Average power measurements were perform only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

7.5.4. Test Setup



7.5.5. Test Result

Note: TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

7.6. Power Spectral Density Measurement

7.6.1. Test Limit

For FCC Power Spectral Density Limit

For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

If transmitting antennas of directional gain greater than 6dBi are used, the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

For IC Power Spectral Density Limit

For the band 5.15-5.25 GHz, the e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

For the 5.725-5.85 GHz band, the power spectral density shall not exceed 30 dBm in any 500 kHz band.

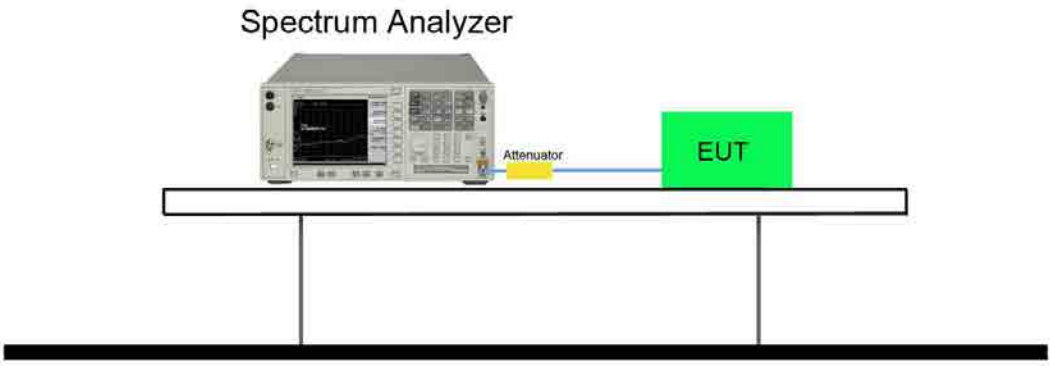
7.6.2. Test Procedure Used

KDB 789033 D02v02r01 - Section F

7.6.3. Test Setting

1. Analyzer was set to the center frequency of the UNII channel under investigation
2. Span was set to encompass the entire 26dB EBW of the signal.
3. RBW = 1MHz, if measurement bandwidth of Maximum PSD is specified in 500 kHz,
4. RBW = 100 kHz
5. VBW = 3MHz
6. Number of sweep points ≥ 2 × (span / RBW)
7. Detector = power averaging (Average)
8. Sweep time = auto
9. Trigger = free run
10. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
11. Add 10*log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission). For example, add 10*log(1/0.25) = 6 dB if the duty cycle is 25 percent.
12. When the measurement bandwidth of Maximum PSD is specified in 500 kHz, add a constant factor 10*log(500kHz/100kHz) = 7 dB to the measured result

7.6.4. Test Setup



7.6.5. Test Result

Product	OHMNI TELEPRESENCE ROBOTS	Test Engineer	Peter
Test Site	SR2	Test Date	2020/05/27
Test Item	Power Spectral Density		

U-NII-1 & U-NII-2A & U-NII-2C

Test Mode	Data Rate (Mbps)	Channel No.	Freq. (MHz)	PSD (dBm/MHz) Ant0	PSD (dBm/MHz) Ant1	Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Result
Antenna 0+1									
11a	6	36	5180	-1.336	-1.051	95%	2.043	≤ 7.99	Pass
11a	6	44	5220	-1.086	-2.946	95%	1.317	≤ 7.99	Pass
11a	6	48	5240	-3.229	-3.439	95%	-0.099	≤ 7.99	Pass
11a	6	52	5260	-4.207	-4.238	95%	-0.988	≤ 7.99	Pass
11a	6	60	5300	-4.152	-4.760	95%	-1.211	≤ 7.99	Pass
11a	6	64	5320	-6.260	-4.520	95%	-2.069	≤ 7.99	Pass
11a	6	100	5500	-5.764	-5.457	95%	-2.374	≤ 7.99	Pass
11a	6	120	5600	-5.829	-5.560	95%	-2.458	≤ 7.99	Pass
11a	6	140	5700	-5.946	-5.170	95%	-2.307	≤ 7.99	Pass
11a	6	144	5720	-6.004	-5.679	95%	-2.604	≤ 7.99	Pass
11n-HT20	6.5	36	5180	-3.591	-4.188	92%	-0.511	≤ 7.99	Pass
11n-HT20	6.5	44	5220	-2.836	-5.264	92%	-0.514	≤ 7.99	Pass
11n-HT20	6.5	48	5240	-3.310	-5.413	92%	-0.867	≤ 7.99	Pass
11n-HT20	6.5	52	5260	-3.462	-6.056	92%	-1.200	≤ 7.99	Pass
11n-HT20	6.5	60	5300	-3.833	-5.550	92%	-1.239	≤ 7.99	Pass
11n-HT20	6.5	64	5320	-4.744	-6.492	92%	-2.162	≤ 7.99	Pass
11n-HT20	6.5	100	5500	-7.012	-5.915	92%	-3.061	≤ 7.99	Pass
11n-HT20	6.5	120	5600	-6.989	-6.480	92%	-3.359	≤ 7.99	Pass
11n-HT20	6.5	140	5700	-7.206	-5.803	92%	-3.080	≤ 7.99	Pass
11n-HT20	6.5	144	5720	-7.219	-5.462	92%	-2.884	≤ 7.99	Pass

Note: 1. Total PSD (dBm/MHz) = $10*\log\{10^{\text{Ant 0 PSD }/10} + 10^{\text{Ant 1 PSD }/10}\}$ (dBm/MHz) + 10*log(1/duty cycle).

2. PSD Limit (dBm/MHz) = 11dBm/MHz - (9.01dBi - 6dBi) = 7.99dBm/MHz.

Test Mode	Data Rate (Mbps)	Channel No.	Freq. (MHz)	PSD (dBm/ MHz) Ant0	PSD (dBm/ MHz) Ant1	Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)	Result
Antenna 0+1									
11n-HT40	13.5	38	5190	-8.742	-8.003	79%	-4.326	≤ 7.99	Pass
11n-HT40	13.5	46	5230	-8.937	-9.325	79%	-5.095	≤ 7.99	Pass
11n-HT40	13.5	54	5270	-8.735	-8.726	79%	-4.699	≤ 7.99	Pass
11n-HT40	13.5	62	5310	-8.618	-9.575	79%	-5.039	≤ 7.99	Pass
11n-HT40	13.5	102	5510	-10.845	-10.358	79%	-6.563	≤ 7.99	Pass
11n-HT40	13.5	110	5550	-10.685	-9.410	79%	-5.970	≤ 7.99	Pass
11n-HT40	13.5	134	5670	-11.262	-9.633	79%	-6.340	≤ 7.99	Pass
11n-HT40	13.5	142	5710	-11.377	-9.553	79%	-6.339	≤ 7.99	Pass
11ac-VHT80	29.3	42	5210	-10.538	-13.651	68%	-7.107	≤ 7.99	Pass
11ac-VHT80	29.3	58	5290	-11.022	-14.082	68%	-7.573	≤ 7.99	Pass
11ac-VHT80	29.3	106	5530	-12.568	-13.404	68%	-8.251	≤ 7.99	Pass
11ac-VHT80	29.3	122	5610	-13.560	-13.344	68%	-8.736	≤ 7.99	Pass
11ac-VHT80	29.3	138	5690	-14.254	-12.678	68%	-8.680	≤ 7.99	Pass

Note: 1. Total PSD (dBm/MHz) = $10*\log\{10^{\text{Ant 0 PSD }/10} + 10^{\text{Ant 1 PSD }/10}\}$ (dBm/MHz) + 10*log(1/duty cycle).

2. PSD Limit (dBm/MHz) = 11dBm/MHz - (9.01dBi - 6dBi) = 7.99dBm/MHz.

U-NII-3

Test Mode	Data Rate (Mbps)	Channel No.	Freq. (MHz)	PSD (dBm/ 500kHz) Ant0	PSD (dBm/ 500kHz) Ant1	Duty Cycle (%)	Total PSD (dBm/ 500kHz)	PSD Limit (dBm/500kHz)	Result
Antenna 0+1									
11a	6	149	5745	-9.141	-8.013	95%	-5.307	≤ 26.99	Pass
11a	6	157	5785	-9.463	-8.314	95%	-5.617	≤ 26.99	Pass
11a	6	165	5825	-9.627	-9.776	95%	-6.467	≤ 26.99	Pass
11n-HT20	6.5	149	5745	-9.511	-8.684	92%	-5.710	≤ 26.99	Pass
11n-HT20	6.5	157	5785	-9.724	-8.967	92%	-5.961	≤ 26.99	Pass
11n-HT20	6.5	165	5825	-9.760	-8.935	92%	-5.960	≤ 26.99	Pass
11n-HT40	13.5	151	5755	-13.169	-12.522	79%	-8.802	≤ 26.99	Pass
11n-HT40	13.5	159	5795	-13.535	-12.170	79%	-8.768	≤ 26.99	Pass
11ac-VHT80	29.3	155	5775	-15.487	-14.777	68%	-10.403	≤ 26.99	Pass

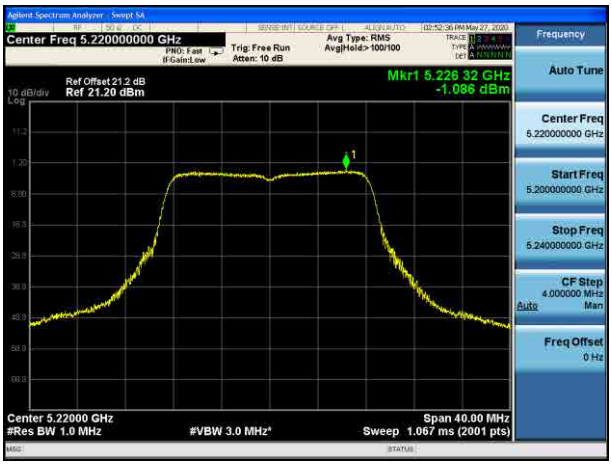
Note: 1. Total PSD (dBm/500kHz) = $10*\log\{10^{\text{Ant 0 PSD }/10} + 10^{\text{Ant 1 PSD }/10}\}$ (dBm/500kHz) + 10*log(1/duty cycle).

2. PSD Limit (dBm/MHz) = 30dBm/MHz - (9.01dBi - 6dBi) = 26.99dBm/MHz.

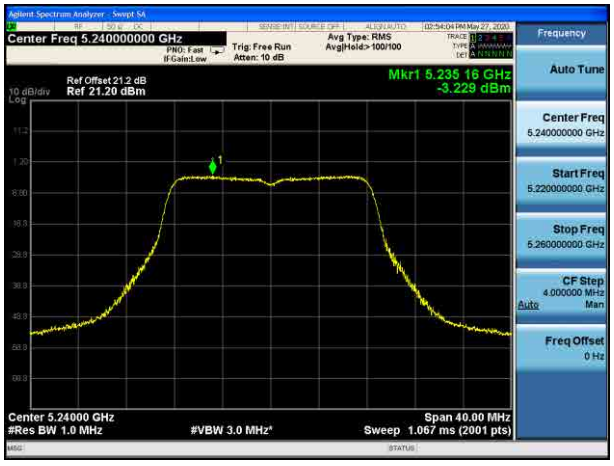
802.11a Power Spectral Density - Ant 0

Channel 36 (5180MHz)

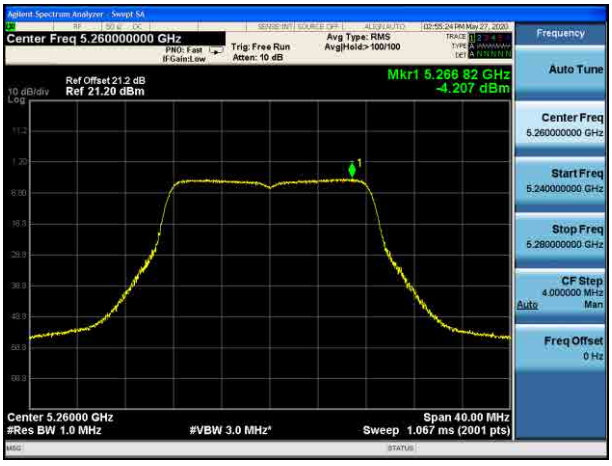
Channel 44 (5220MHz)



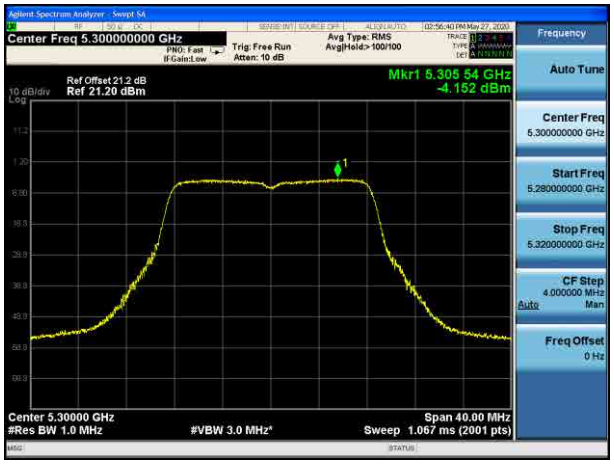
Channel 48 (5240MHz)



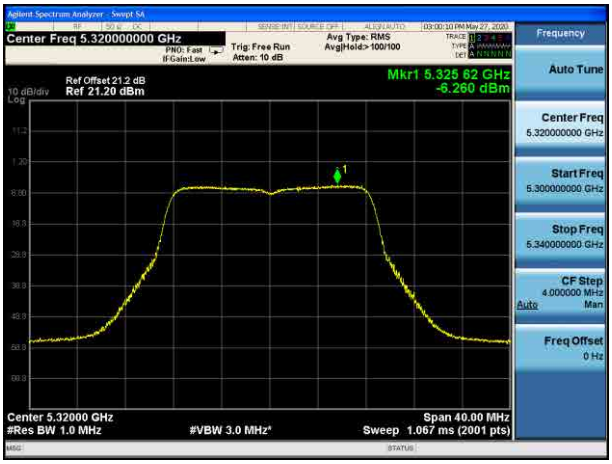
Channel 52 (5260MHz)

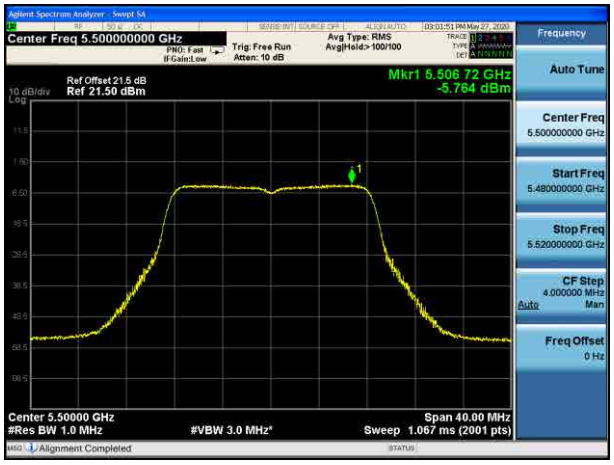
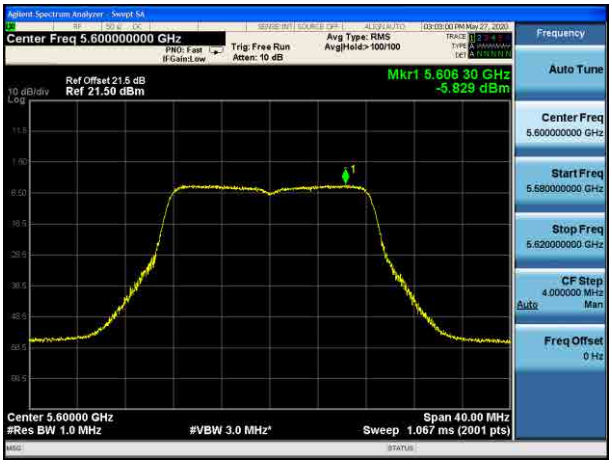
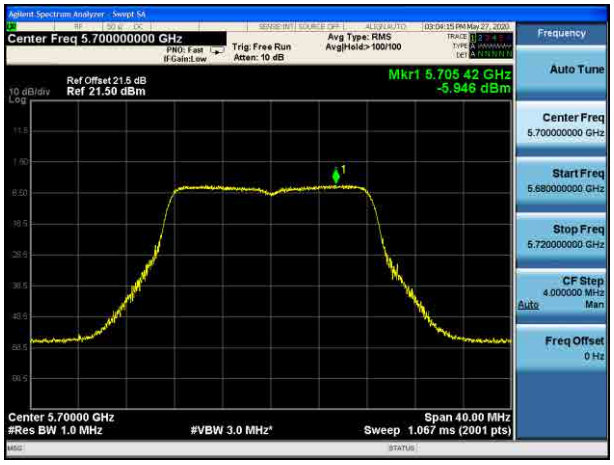
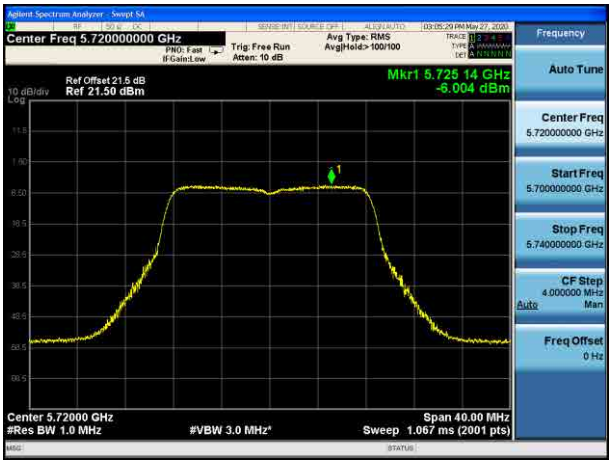
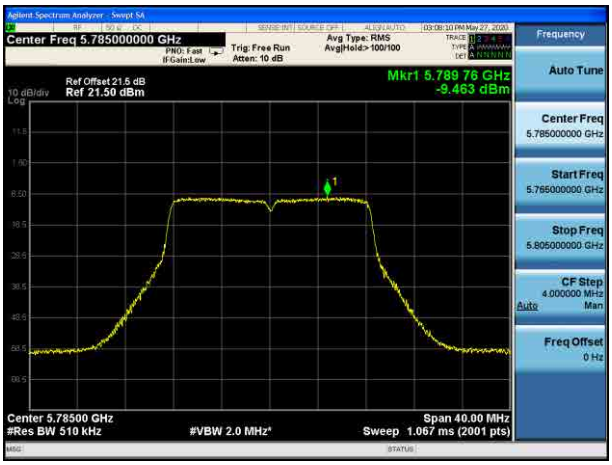


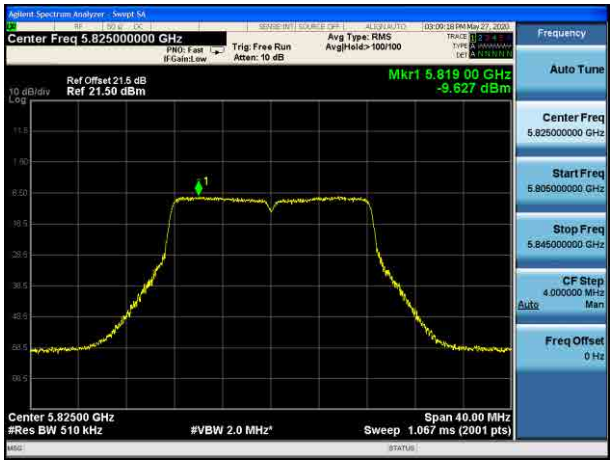
Channel 60 (5300MHz)



Channel 64 (5320MHz)



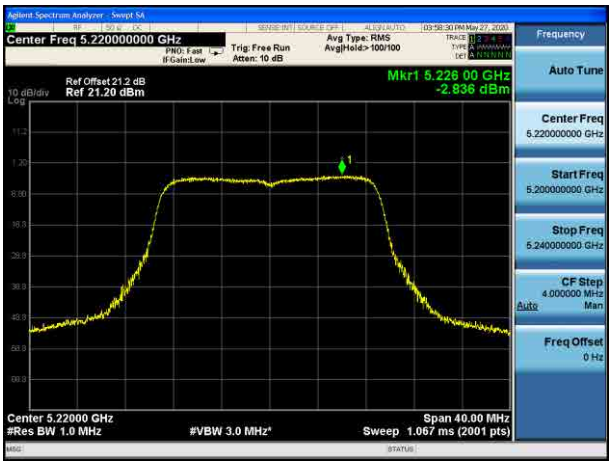
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 144 (5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

Channel 165 (5825MHz)	
	

802.11n-HT20 Power Spectral Density - Ant 0

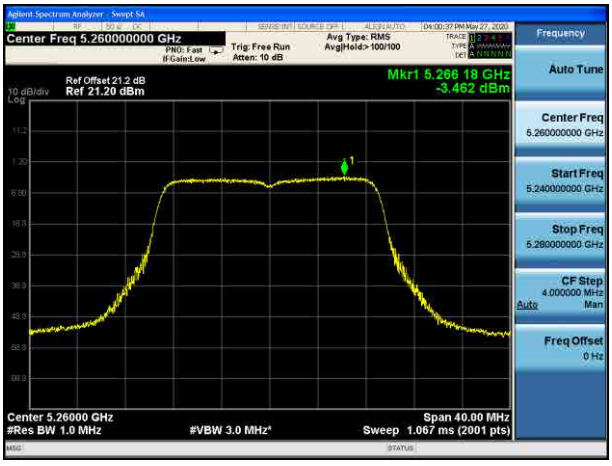
Channel 36 (5180MHz)

Channel 44 (5220MHz)



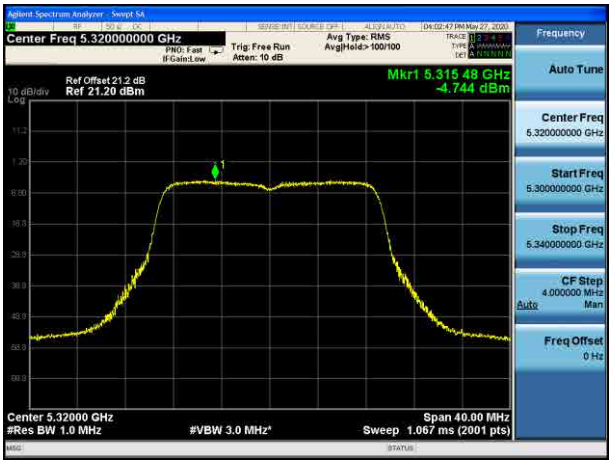
Channel 48 (5240MHz)

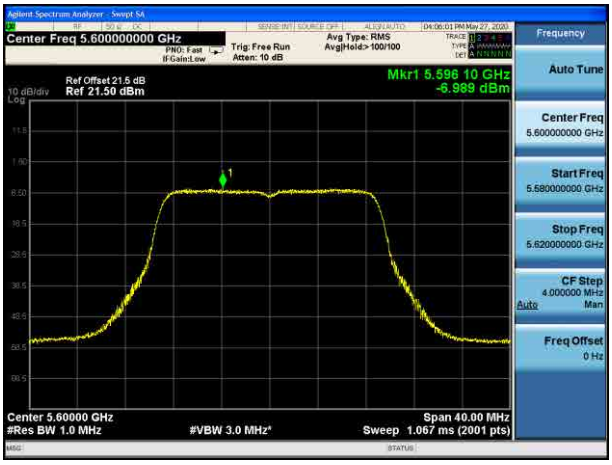
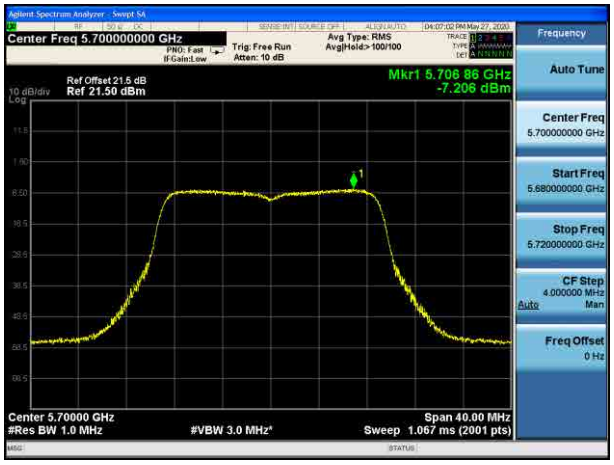
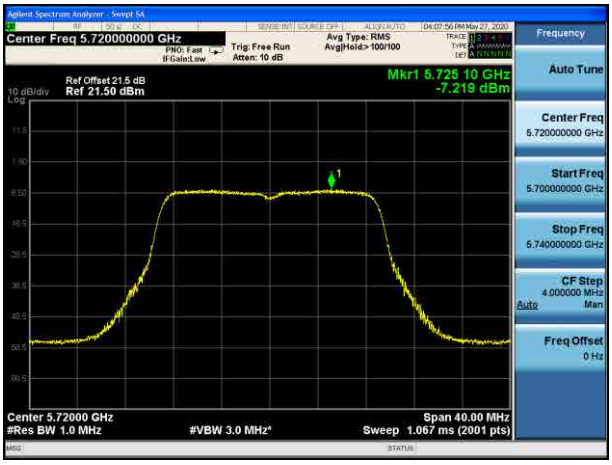
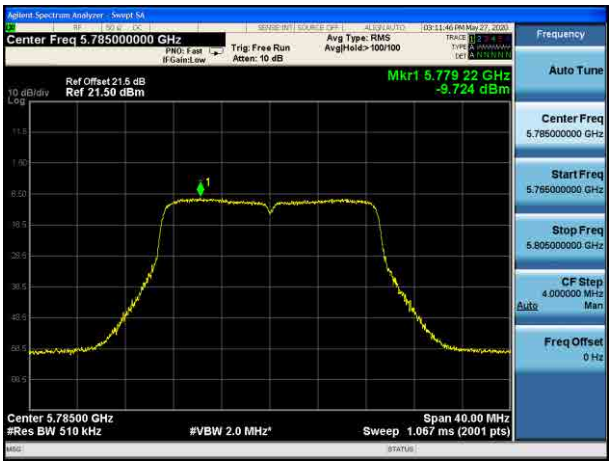
Channel 52 (5260MHz)



Channel 60 (5300MHz)

Channel 64 (5320MHz)



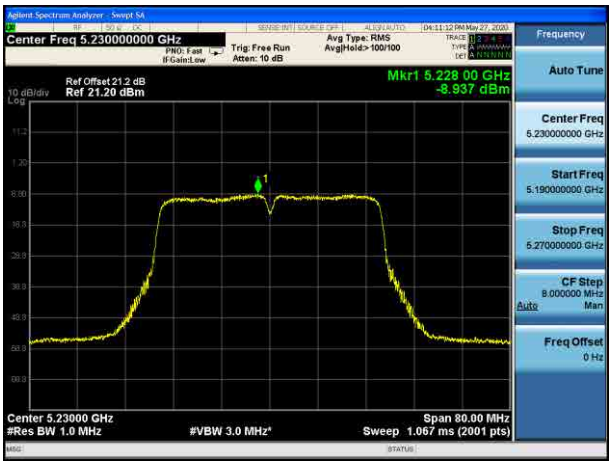
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 144 (5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

Channel 165 (5825MHz)	

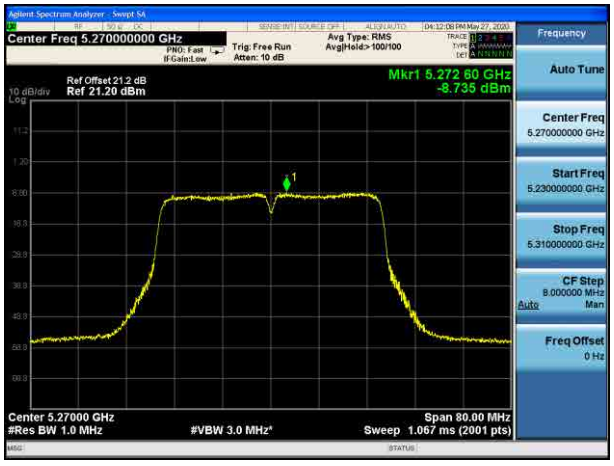
802.11n-HT40 Power Spectral Density - Ant 0

Channel 38 (5190MHz)

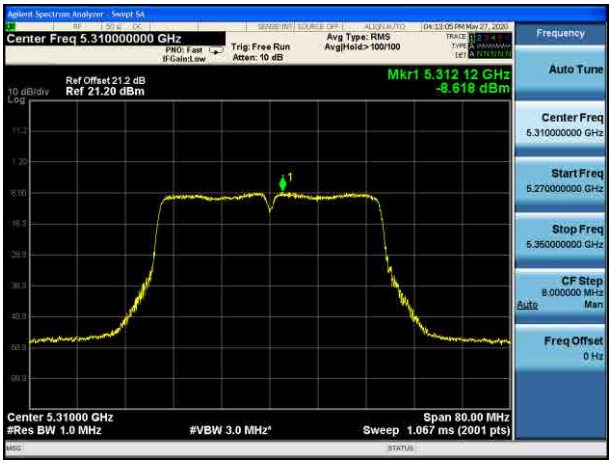
Channel 46 (5230MHz)



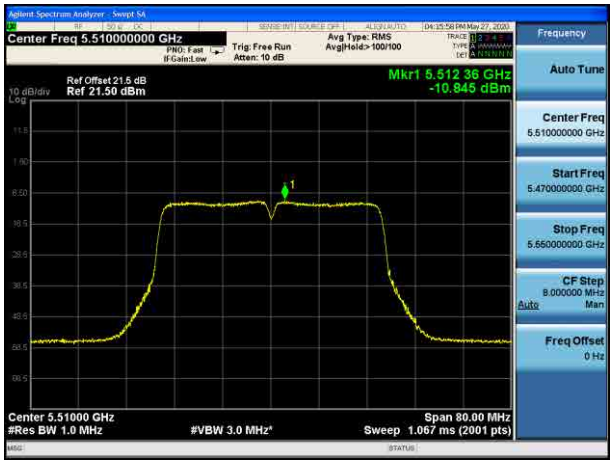
Channel 54 (5270MHz)



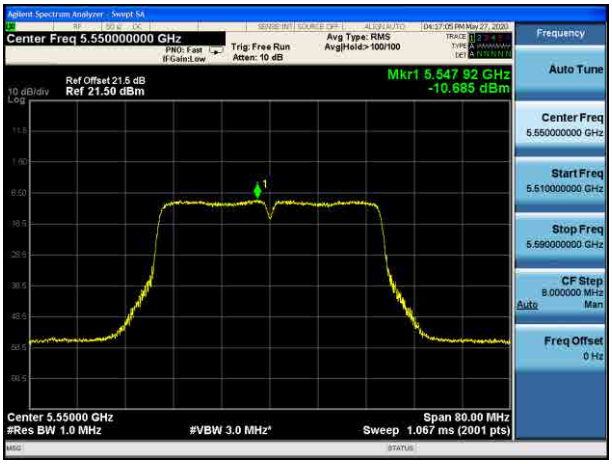
Channel 62 (5310MHz)

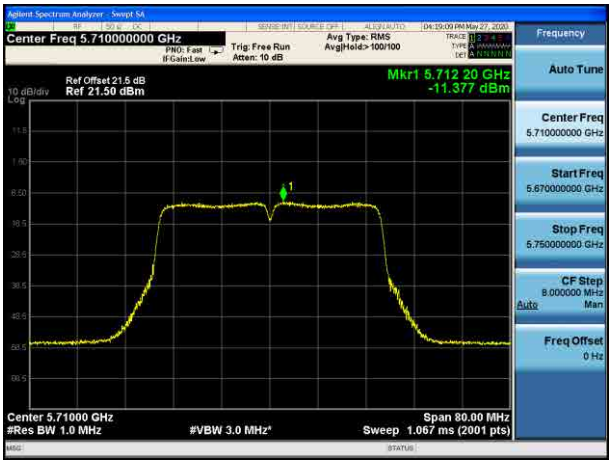
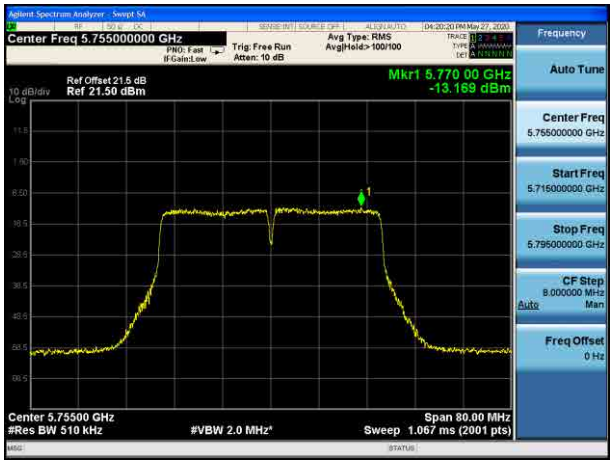
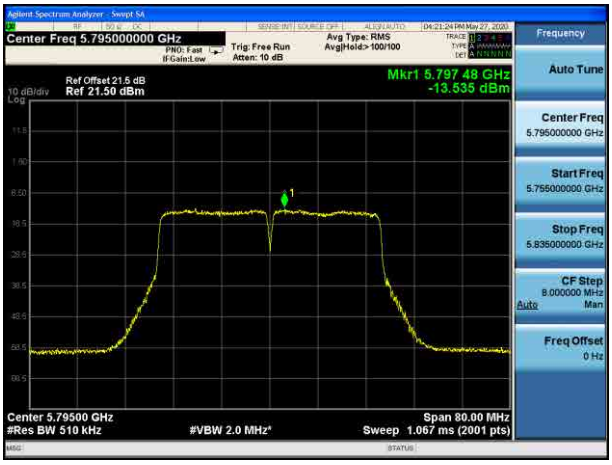


Channel 102 (5510MHz)



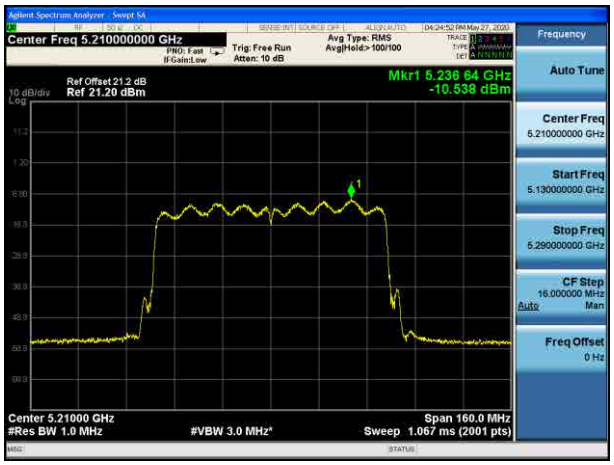
Channel 110 (5550MHz)



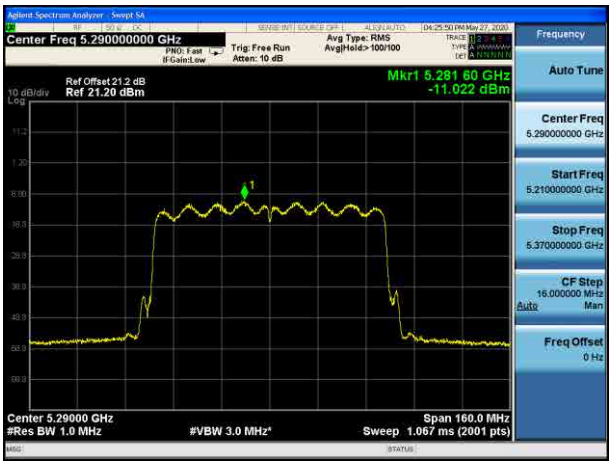
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT80 Power Spectral Density - Ant 0

Channel 42 (5210MHz)

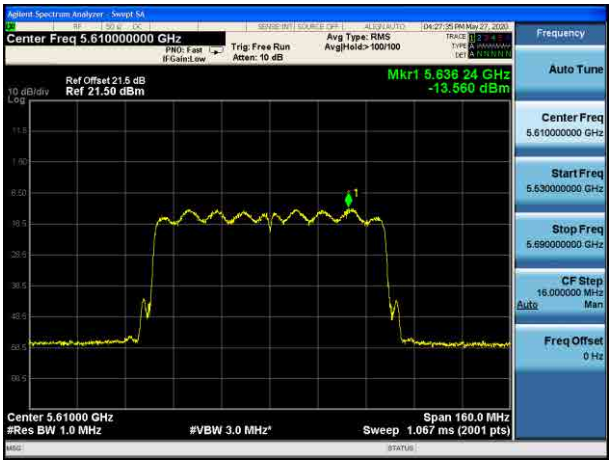


Channel 58 (5290MHz)



Channel 106 (5530MHz)

Channel 122 (5610MHz)



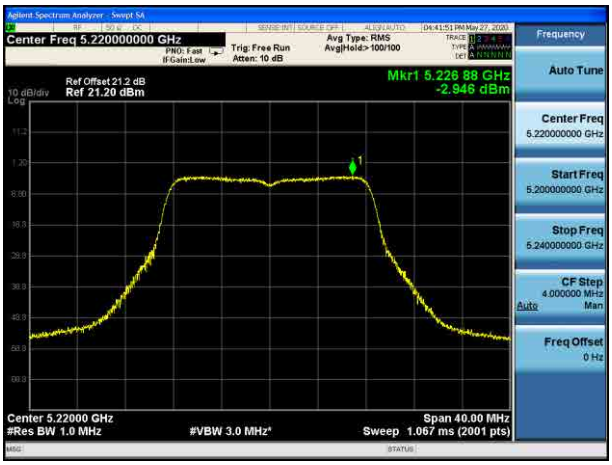
Channel 138 (5690MHz)

Channel 155 (5775MHz)

802.11a Power Spectral Density - Ant 1

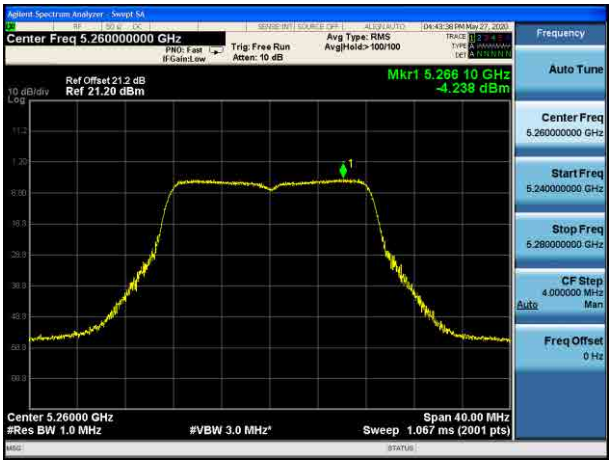
Channel 36 (5180MHz)

Channel 44 (5220MHz)

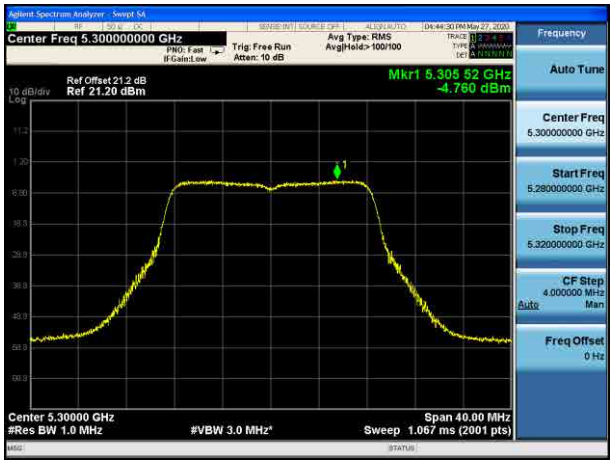


Channel 48 (5240MHz)

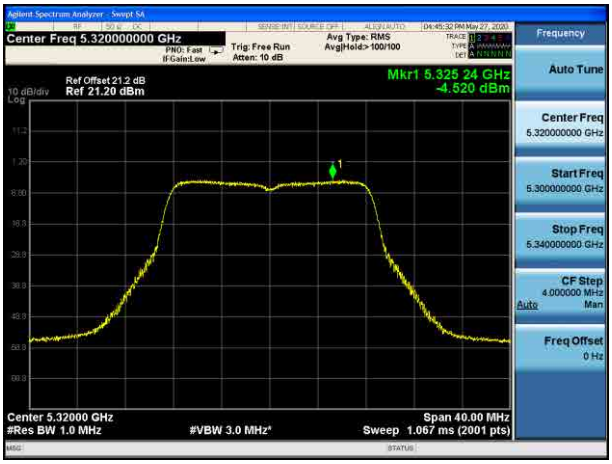
Channel 52 (5260MHz)

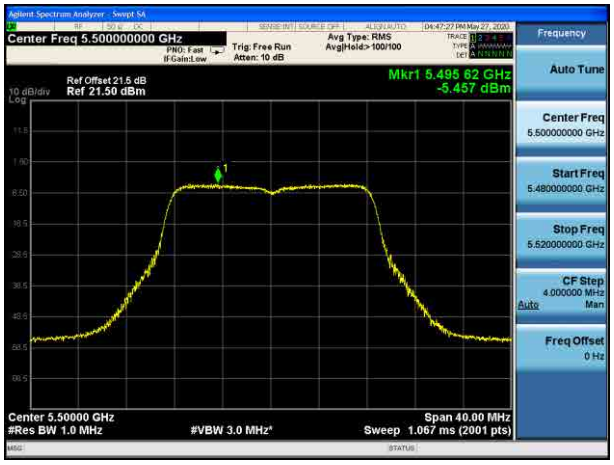
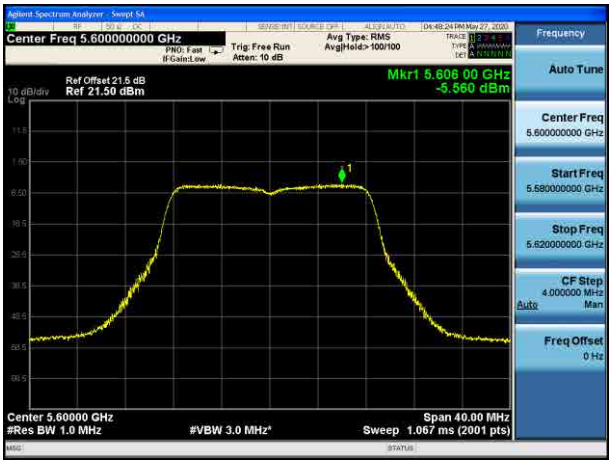
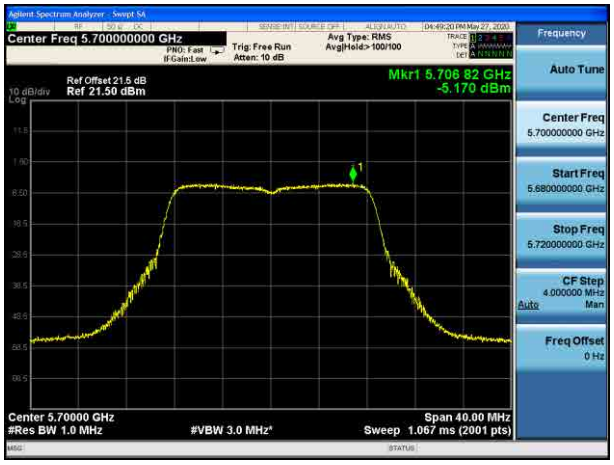
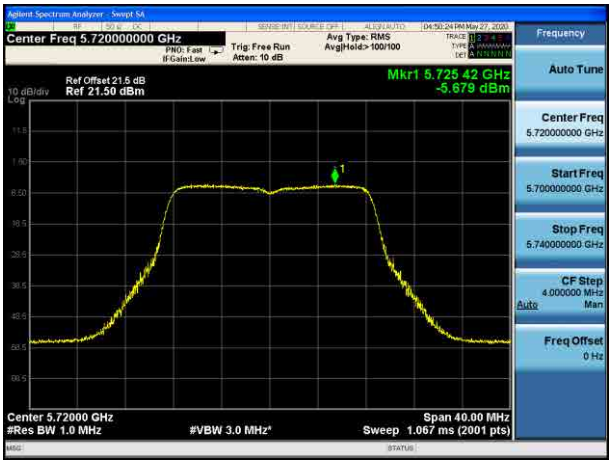
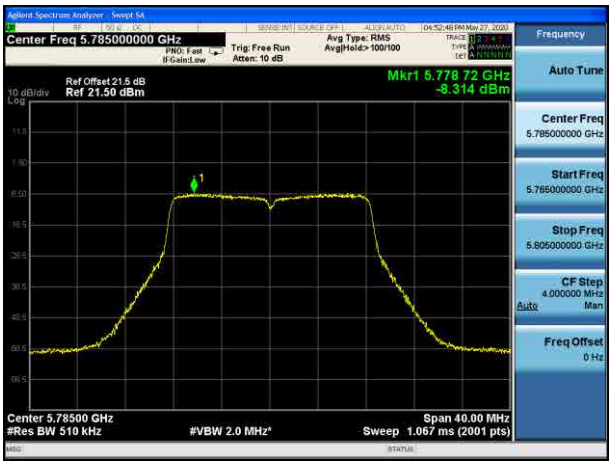


Channel 60 (5300MHz)



Channel 64 (5320MHz)



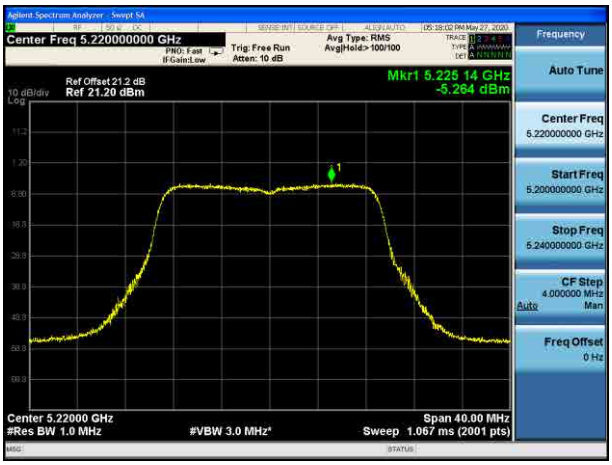
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 144 (5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

Channel 165 (5825MHz)	

802.11n-HT20 Power Spectral Density - Ant 1

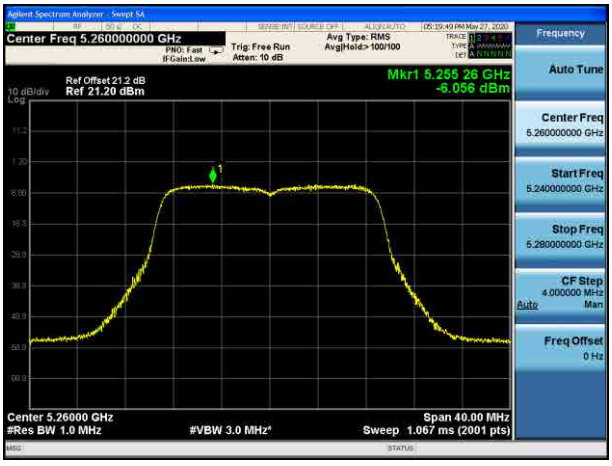
Channel 36 (5180MHz)

Channel 44 (5220MHz)

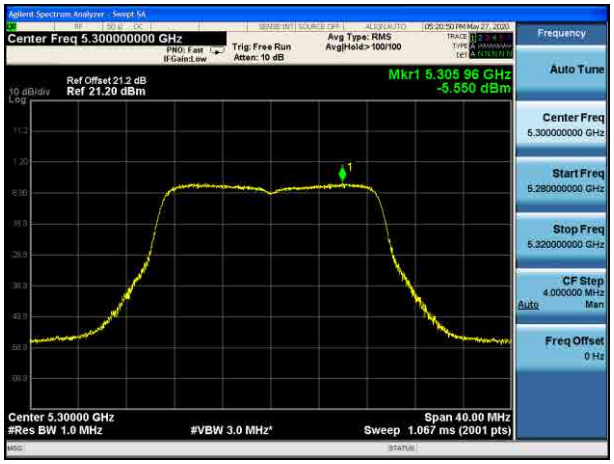


Channel 48 (5240MHz)

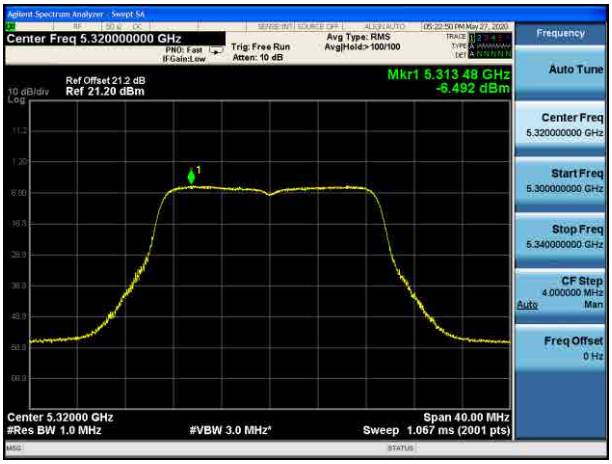
Channel 52 (5260MHz)

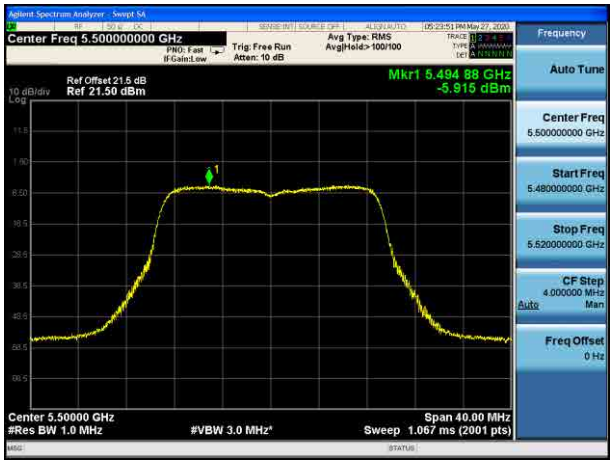
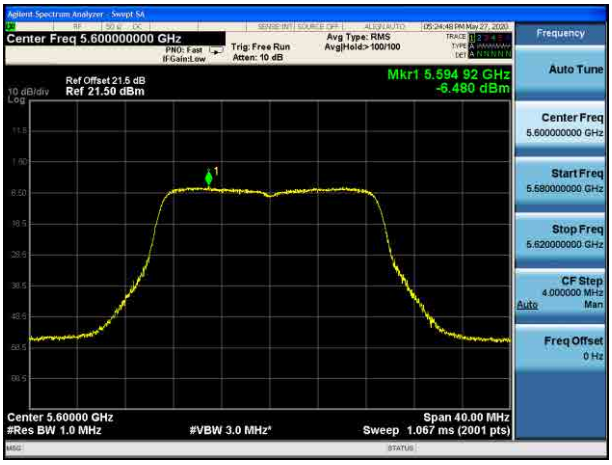
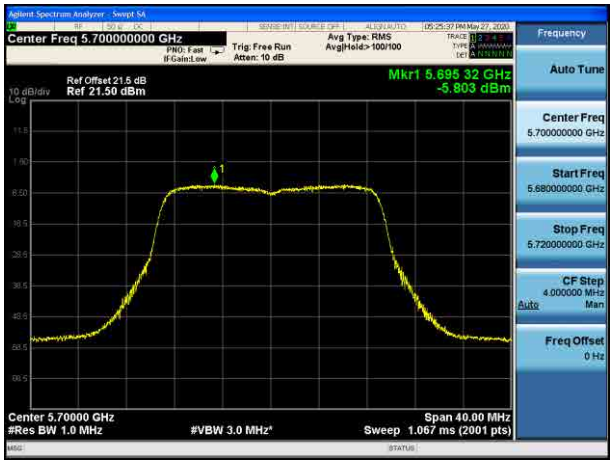
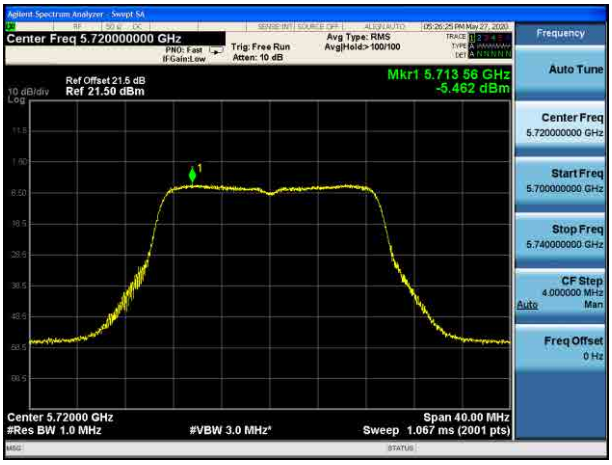


Channel 60 (5300MHz)



Channel 64 (5320MHz)

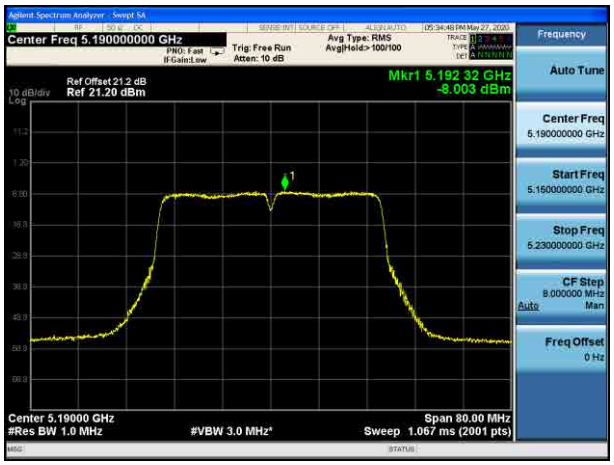


Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 144 (5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**

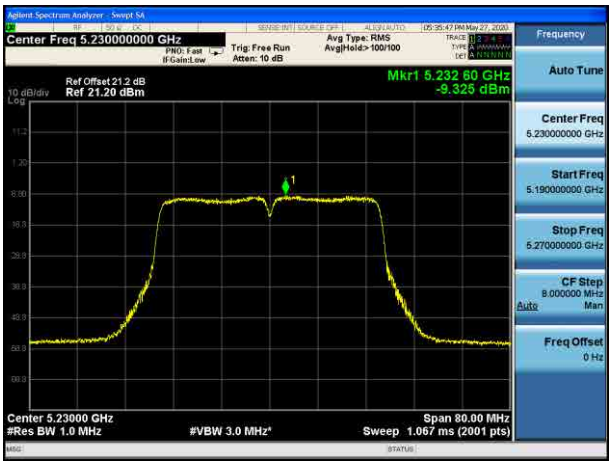
Channel 165 (5825MHz)	

802.11n-HT40 Power Spectral Density - Ant 1

Channel 38 (5190MHz)

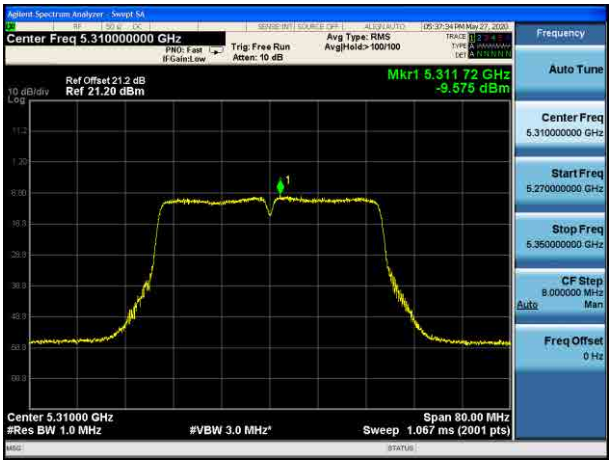


Channel 46 (5230MHz)

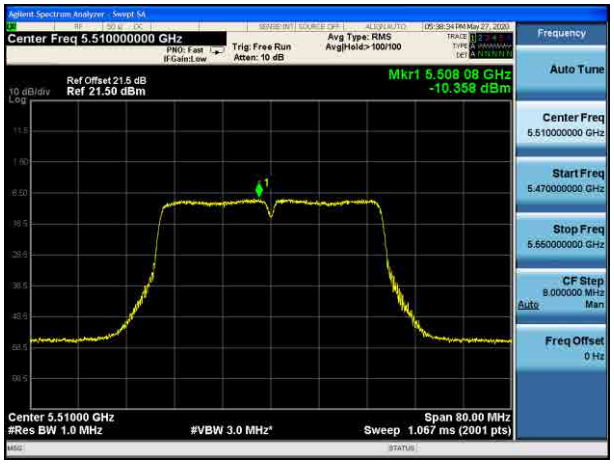


Channel 54 (5270MHz)

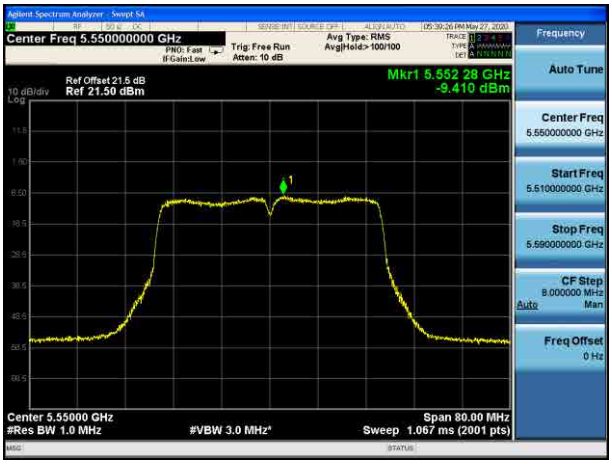
Channel 62 (5310MHz)

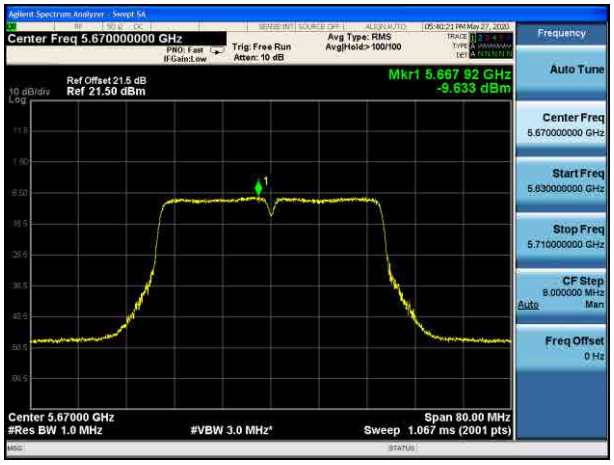
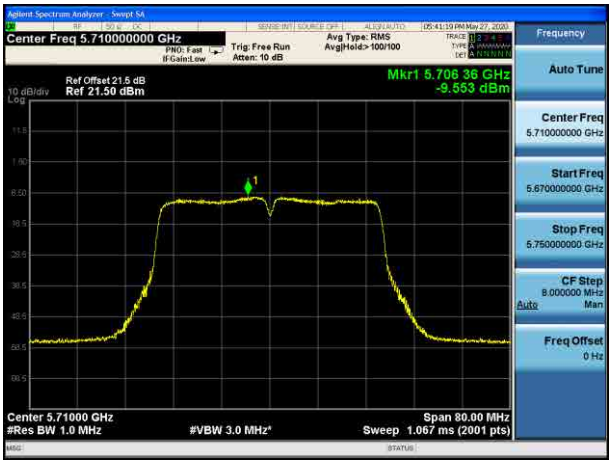
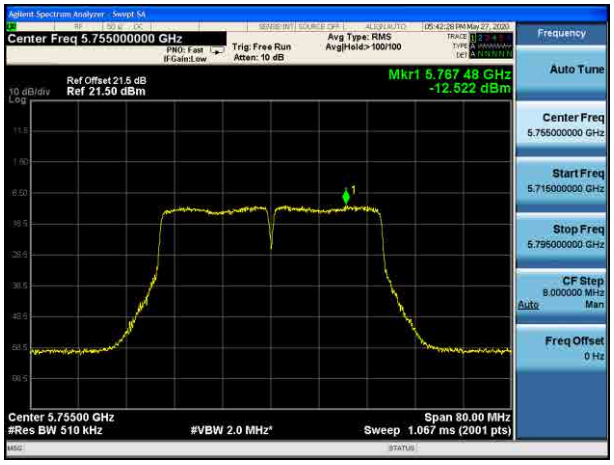
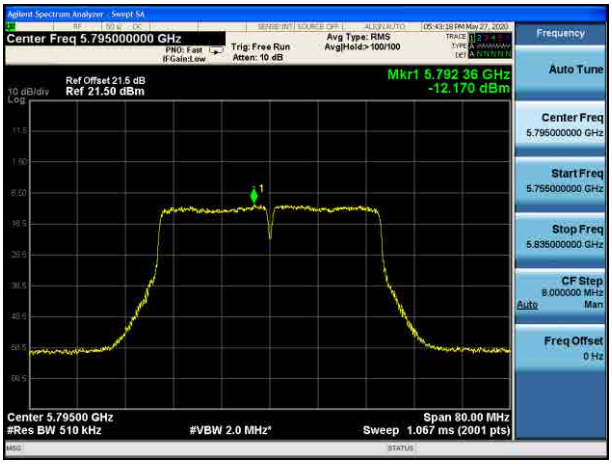


Channel 102 (5510MHz)



Channel 110 (5550MHz)

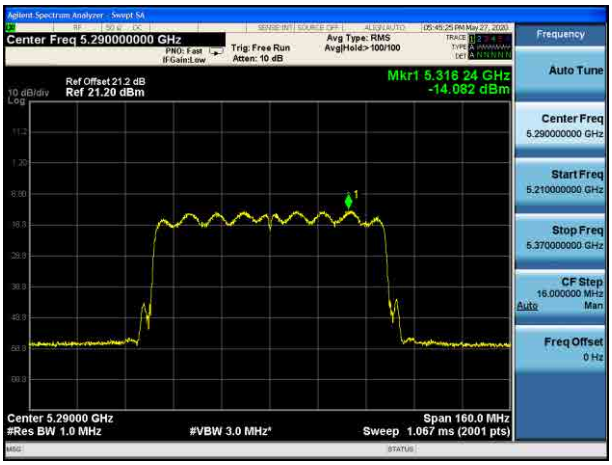


Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT80 Power Spectral Density - Ant 1

Channel 42 (5210MHz)

Channel 58 (5290MHz)



Channel 106 (5530MHz)

Channel 122 (5610MHz)

Channel 138 (5690MHz)

Channel 155 (5775MHz)

7.7. Radiated Spurious Emission Measurement

7.7.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [V/m]	Measured Distance [Meters]
0.009 – 0.490	2400/F (kHz)	300
0.490 – 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.7.2. Test Procedure Used

KDB 789033 D02v02r01 – Section G

7.7.3. Test Setting

Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 120 kHz
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

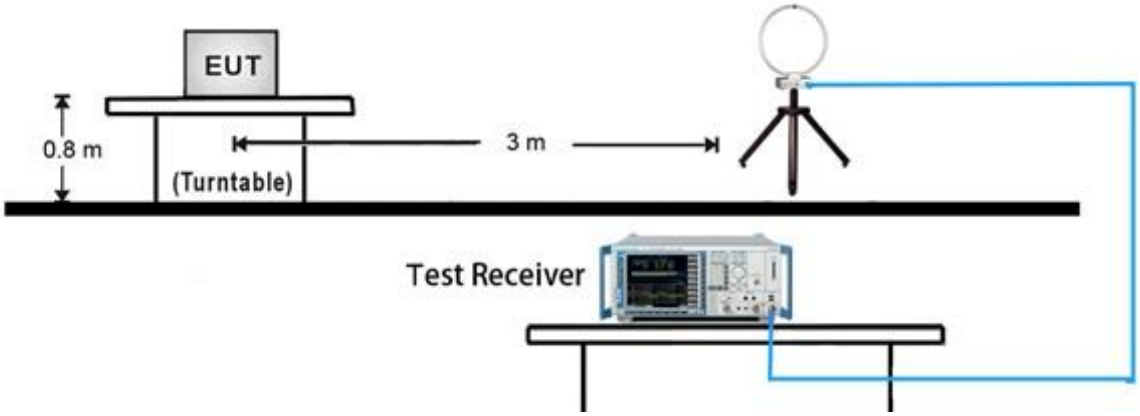
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (Average)
5. Number of measurement points = 1001 (Number of points must be > 2 x span/RBW)
6. Sweep time = auto
7. Trace was averaged over at 100 sweeps

Quasi-Peak & Average Measurements below 30MHz

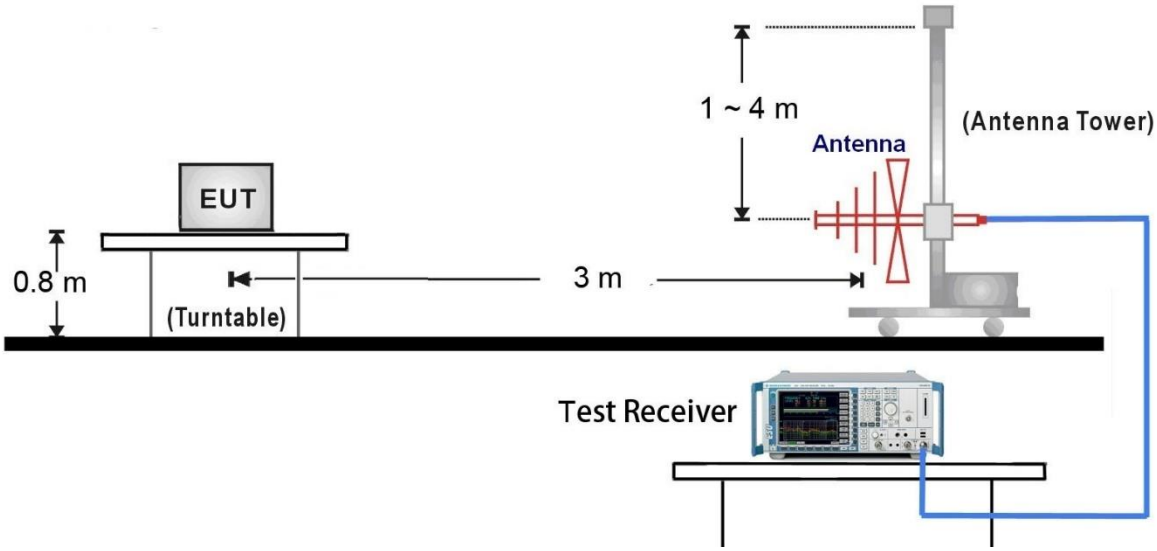
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 200Hz for 9kHz to 150kHz frequency; RBW = 9kHz for 0.15MHz to 30MHz frequency
4. Detector = CISPR quasi-peak or power average (Average)
5. Sweep time = auto couple
6. Trace was allowed to stabilize

7.7.4. Test Setup

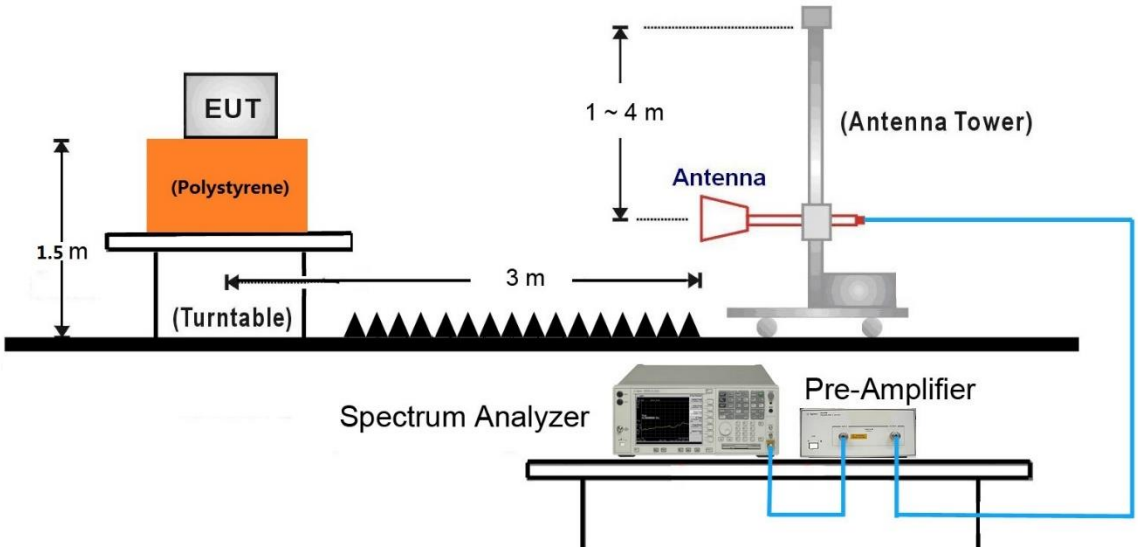
9kHz ~ 30MHz Test Setup:



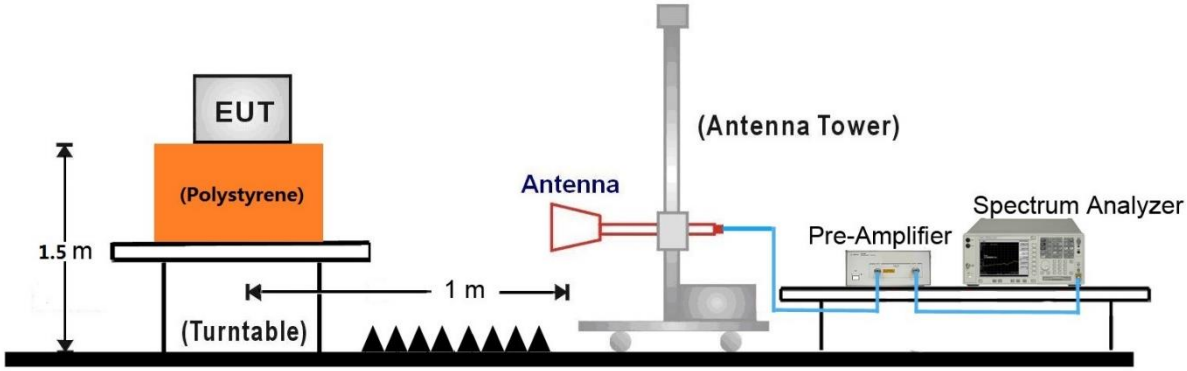
30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:

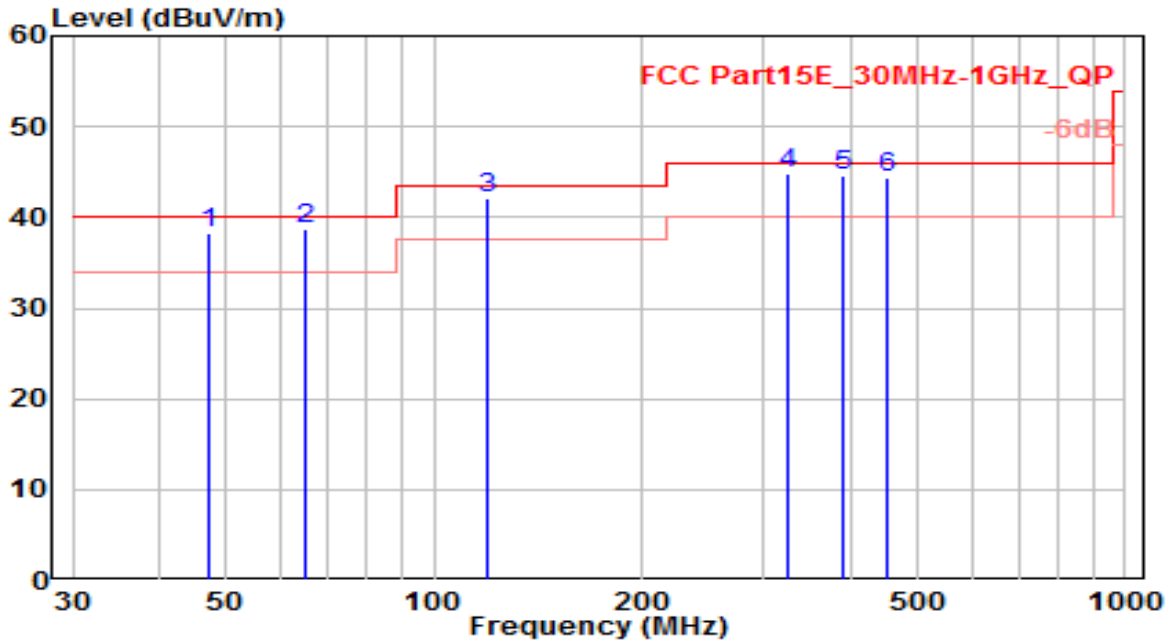


18GHz ~40GHz Test Setup:



7.7.5. Test Result

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-25
Factor	VULB 9162	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

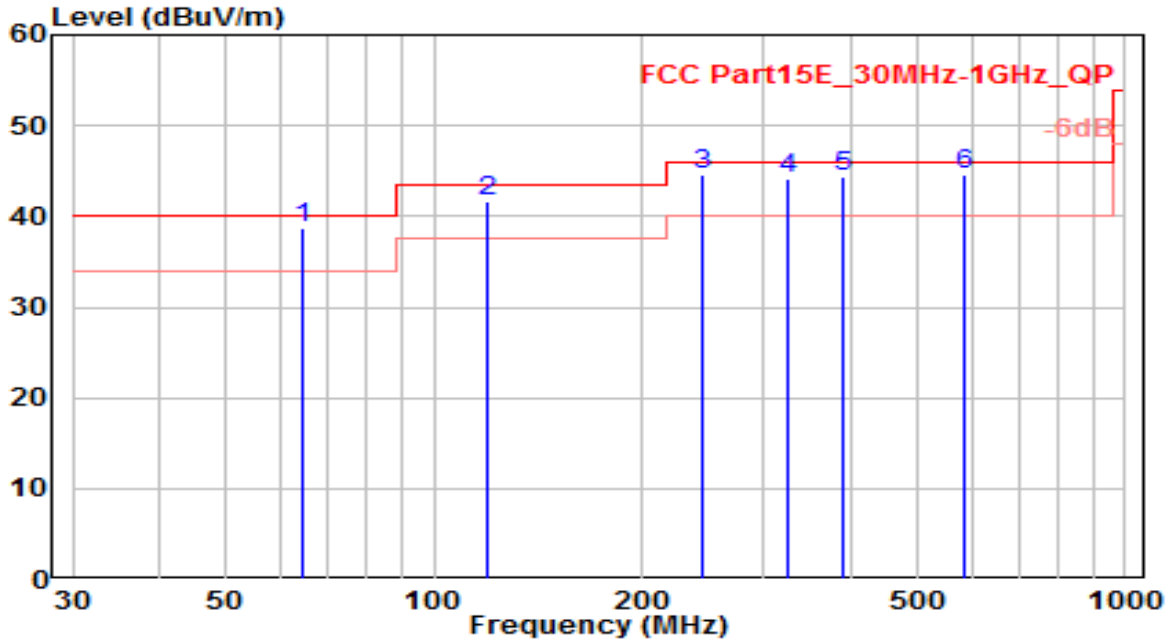


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		47.130	16.69	21.51	38.20	-1.80	40.00	100	100	QP
2		64.930	20.32	18.32	38.64	-1.36	40.00	100	300	QP
3		119.230	24.99	17.08	42.07	-1.43	43.50	100	110	QP
4	*	324.223	22.36	22.38	44.74	-1.26	46.00	100	115	QP
5		389.250	20.69	24.00	44.69	-1.31	46.00	100	220	QP
6		454.230	19.34	24.97	44.31	-1.69	46.00	100	200	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-25
Factor	VULB 9162	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

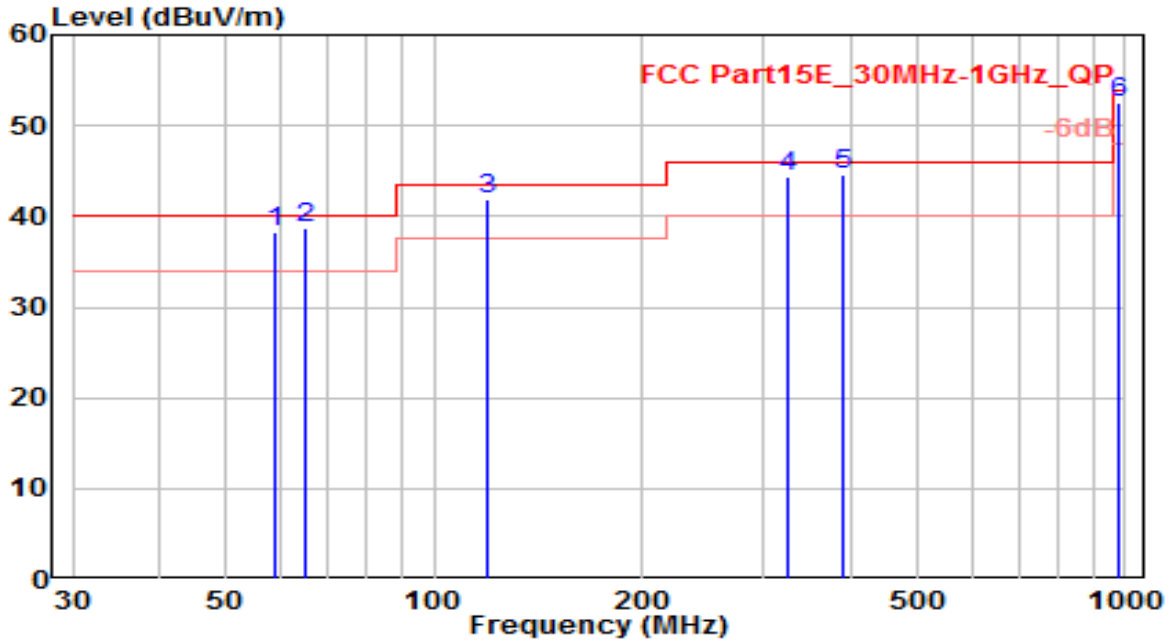


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	64.560	20.34	18.45	38.79	-1.21	40.00	100	110	QP
2		119.210	24.65	17.08	41.73	-1.77	43.50	100	185	QP
3		243.480	24.29	20.32	44.61	-1.39	46.00	100	0	QP
4		324.530	21.81	22.40	44.21	-1.79	46.00	100	350	QP
5		389.230	20.35	24.00	44.36	-1.64	46.00	100	30	QP
6		584.840	17.28	27.23	44.51	-1.49	46.00	100	20	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-25
Factor	VULB 9162	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20_RX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

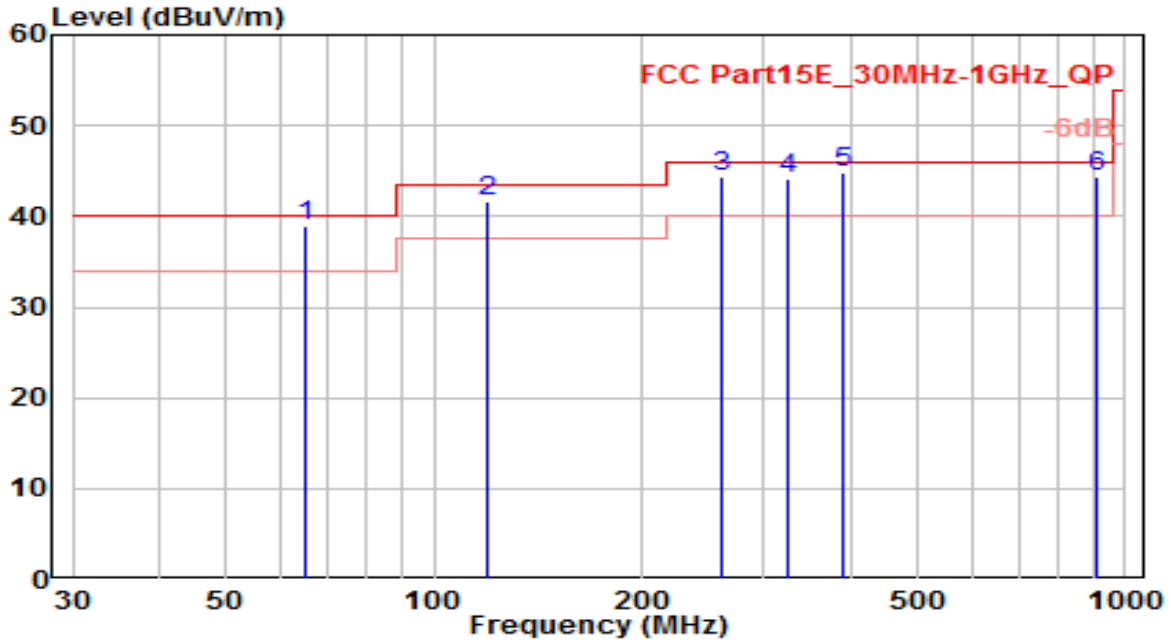


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		59.100	18.12	20.25	38.37	-1.63	40.00	100	110	QP
2	*	64.920	20.39	18.32	38.70	-1.30	40.00	120	5	QP
3		119.240	24.79	17.07	41.87	-1.63	43.50	100	330	QP
4		324.880	21.97	22.41	44.38	-1.62	46.00	100	65	QP
5		389.870	20.69	24.01	44.70	-1.30	46.00	100	90	QP
6		975.750	20.33	32.17	52.50	-1.50	54.00	100	0	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-25
Factor	VULB 9162	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	802.11n-20_RX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

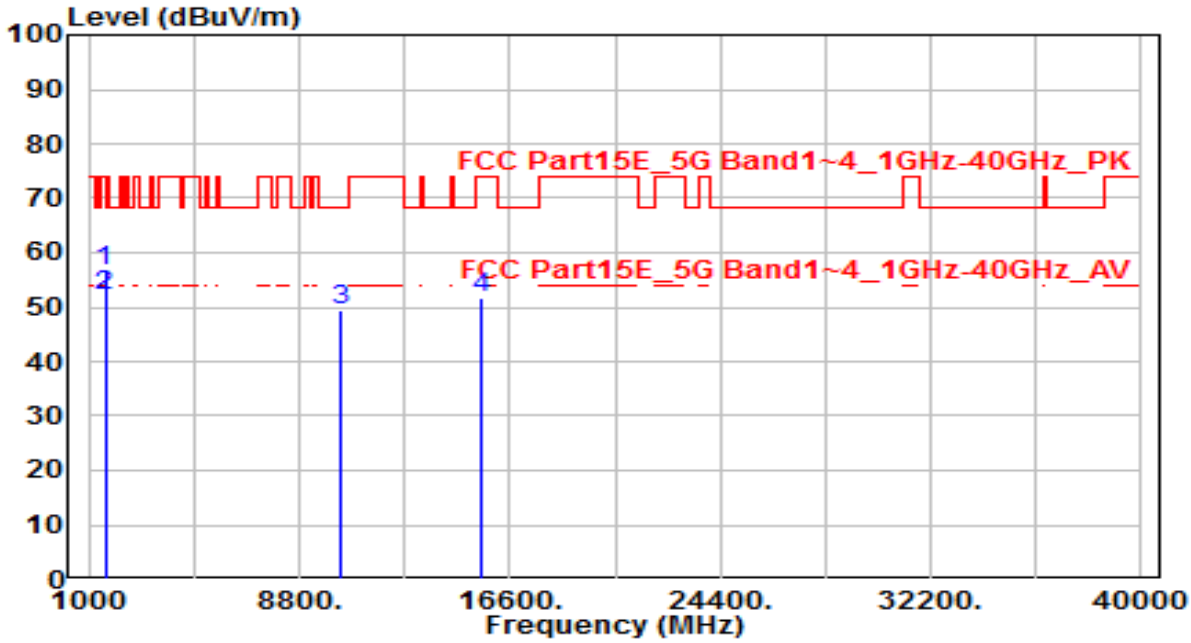


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	64.920	20.65	18.32	38.97	-1.03	40.00	110	100	QP
2		119.240	24.66	17.07	41.73	-1.77	43.50	100	35	QP
3		259.890	23.81	20.57	44.38	-1.62	46.00	100	45	QP
4		324.880	21.74	22.41	44.15	-1.85	46.00	100	265	QP
5		389.870	20.92	24.01	44.93	-1.07	46.00	100	300	QP
6		910.500	12.82	31.53	44.36	-1.64	46.00	100	75	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

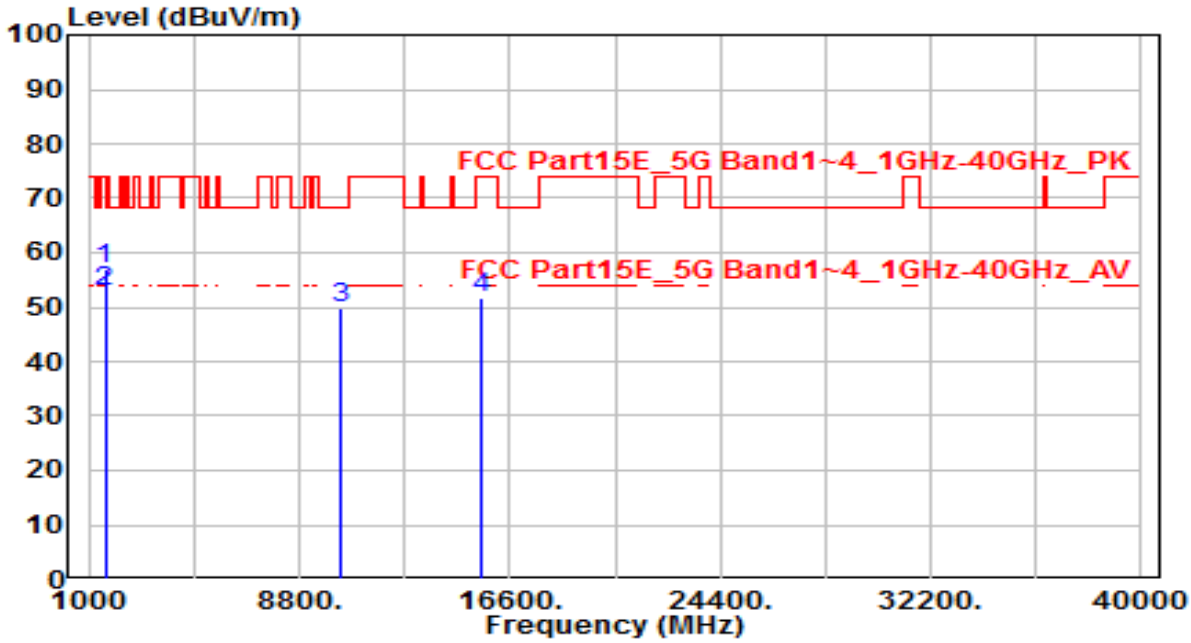


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1600.110	62.23	-5.49	56.74	-17.26	74.00	100	250	Peak
2	*	1600.110	57.63	-5.49	52.14	-1.86	54.00	100	250	Average
3		10360.000	32.95	16.42	49.37	-18.83	68.20	150	400	Peak
4		15540.000	30.84	20.91	51.76	-22.24	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

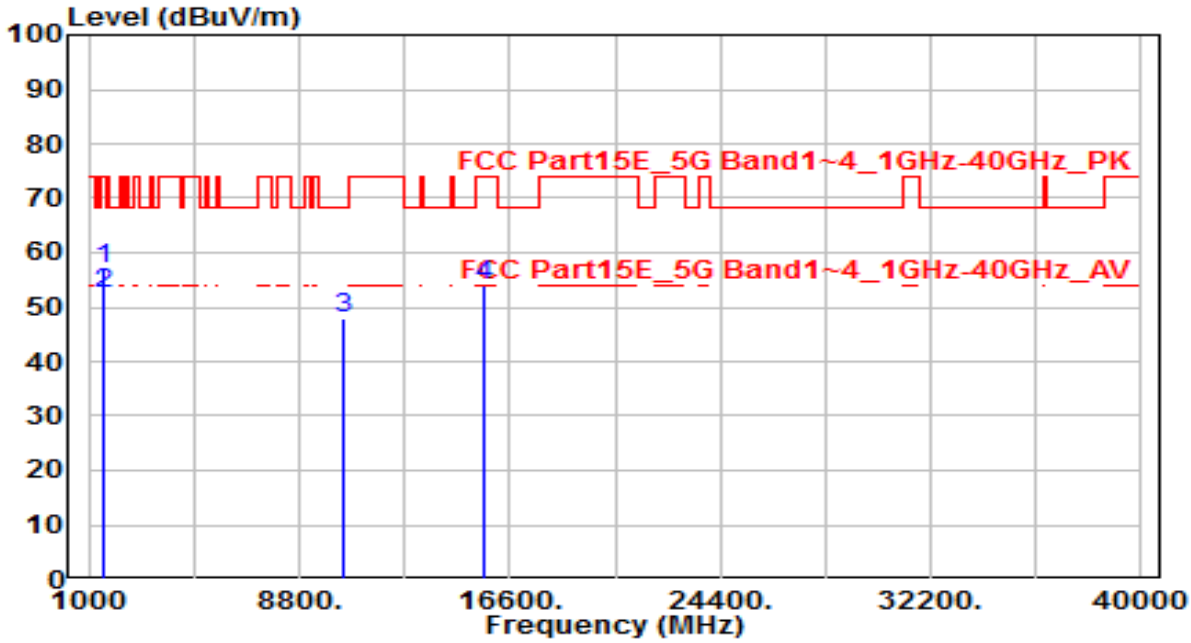


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1599.326	62.32	-5.49	56.83	-17.17	74.00	185	200	Peak
2	*	1599.326	58.32	-5.49	52.83	-1.17	54.00	185	200	Average
3		10360.000	33.51	16.42	49.93	-18.27	68.20	150	400	Peak
4		15540.000	30.78	20.91	51.69	-22.31	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

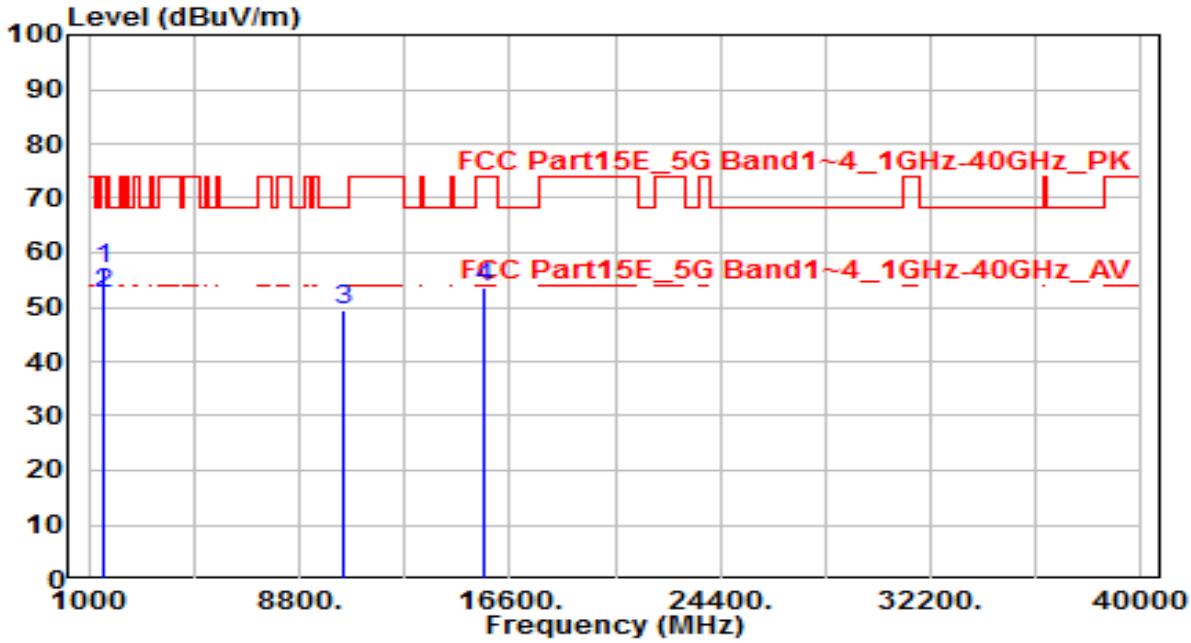


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1599.158	62.32	-5.49	56.83	-17.17	74.00	100	250	Peak
2	*	1599.158	57.92	-5.49	52.42	-1.58	54.00	100	250	Average
3		10440.000	31.40	16.68	48.08	-20.12	68.20	150	400	Peak
4		15660.000	32.97	20.81	53.78	-20.22	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

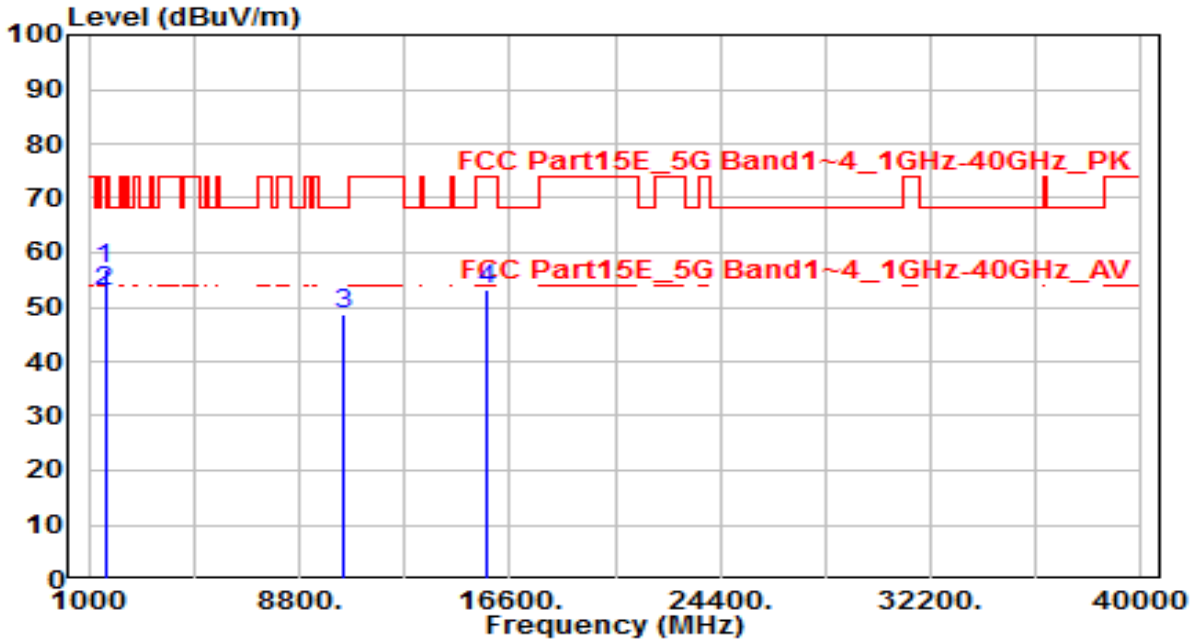


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1599.175	62.33	-5.49	56.84	-17.17	74.00	185	200	Peak
2	*	1599.175	58.12	-5.49	52.63	-1.37	54.00	185	200	Average
3		10440.000	32.70	16.68	49.37	-18.83	68.20	150	400	Peak
4		15660.000	32.70	20.81	53.50	-20.50	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

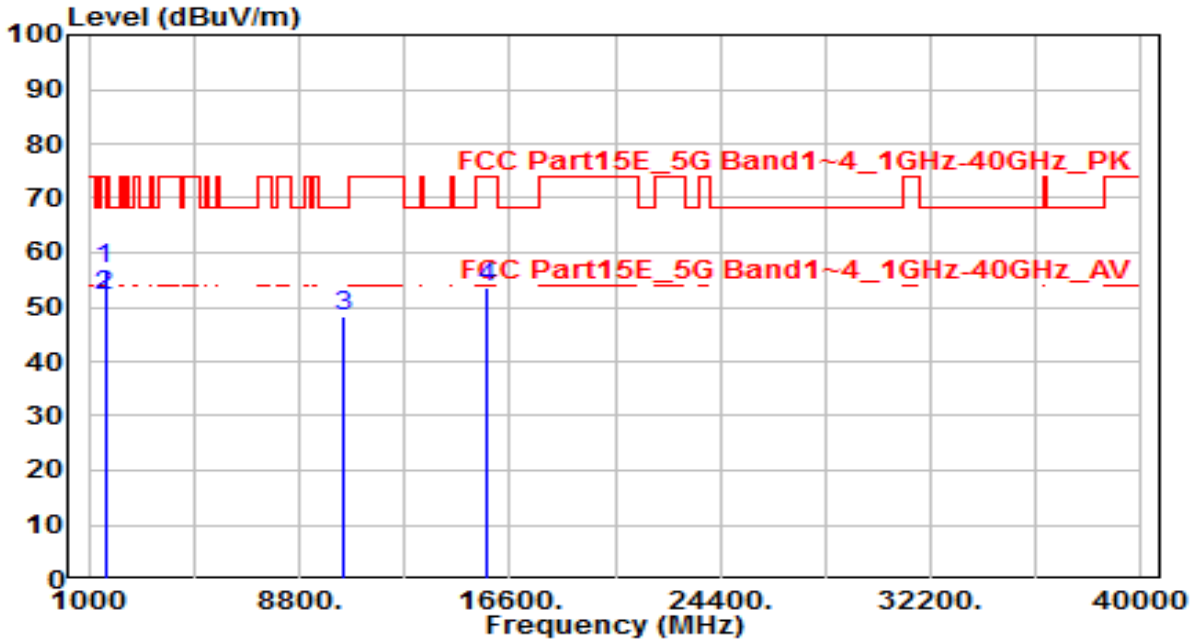


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1599.652	62.45	-5.49	56.96	-17.04	74.00	100	250	Peak
2	*	1599.652	58.15	-5.49	52.66	-1.34	54.00	100	250	Average
3		10480.000	32.02	16.81	48.83	-19.37	68.20	150	400	Peak
4		15720.000	32.35	20.76	53.10	-20.90	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1600.000	62.45	-5.49	56.96	-17.04	74.00	185	200	Peak
2	*	1600.000	57.75	-5.49	52.26	-1.74	54.00	185	200	Average
3		10480.000	31.65	16.81	48.46	-19.74	68.20	150	400	Peak
4		15720.000	33.00	20.76	53.75	-20.25	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

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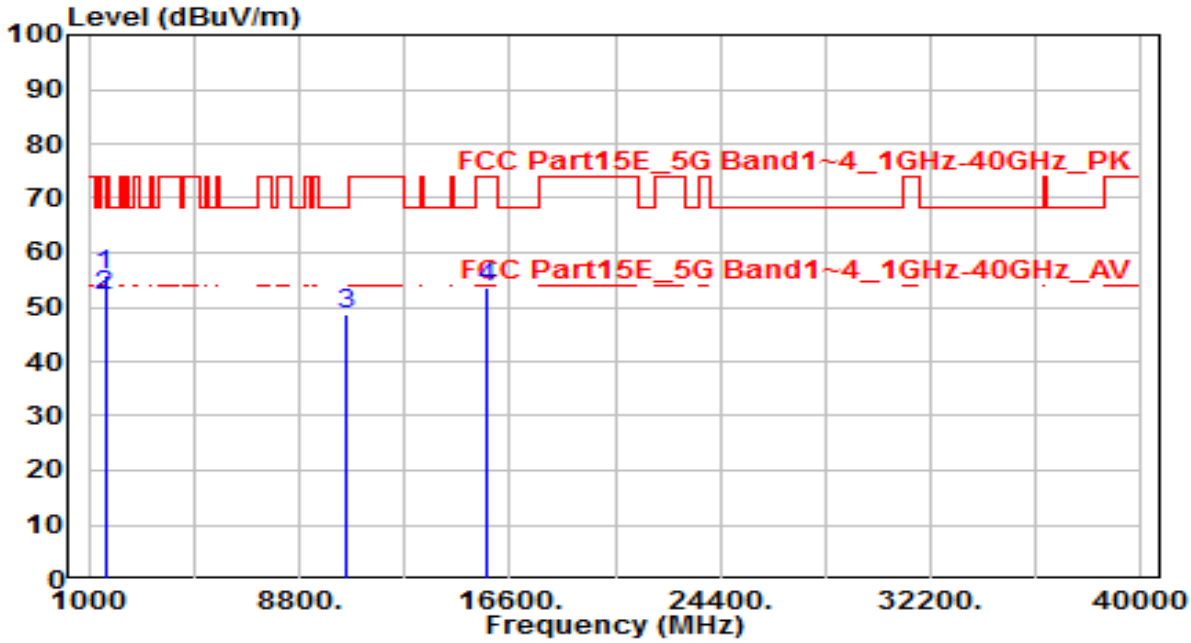
EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band2_CH 52_ANT 0+1	Test Voltage	AC 120V/60Hz

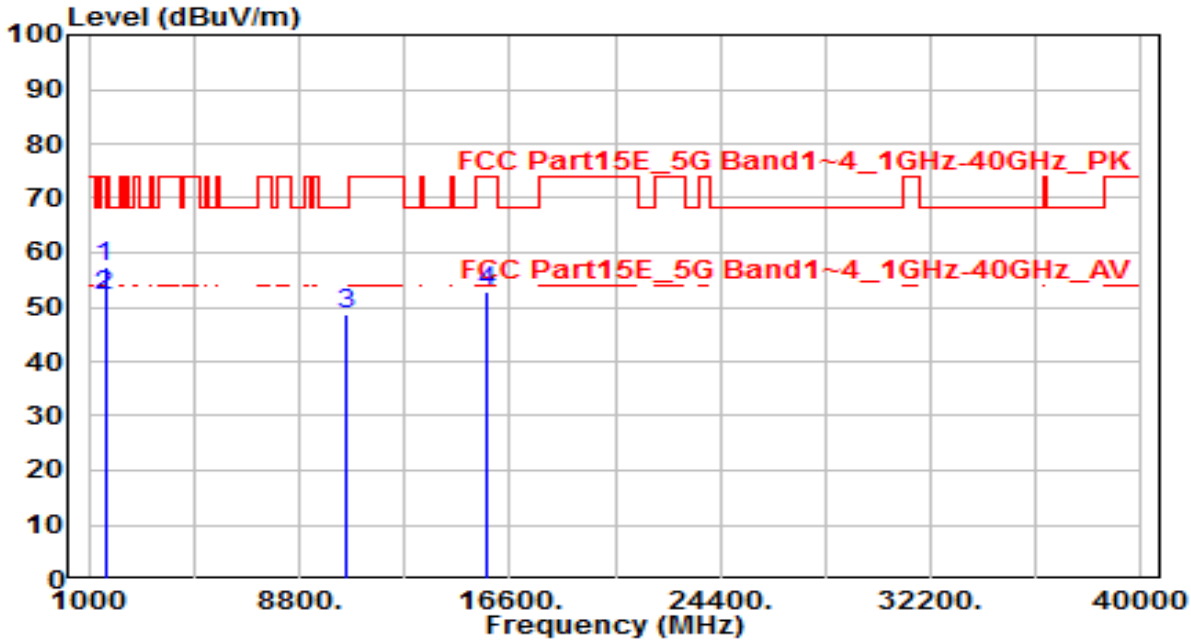


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1600.230	61.33	-5.49	55.84	-18.16	74.00	100	250	Peak
2	*	1600.230	57.46	-5.49	51.97	-2.03	54.00	100	250	Average
3		10520.000	31.91	16.90	48.81	-19.39	68.20	150	400	Peak
4		15780.000	33.06	20.70	53.76	-20.24	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band2_CH 52_ANT 0+1	Test Voltage	AC 120V/60Hz

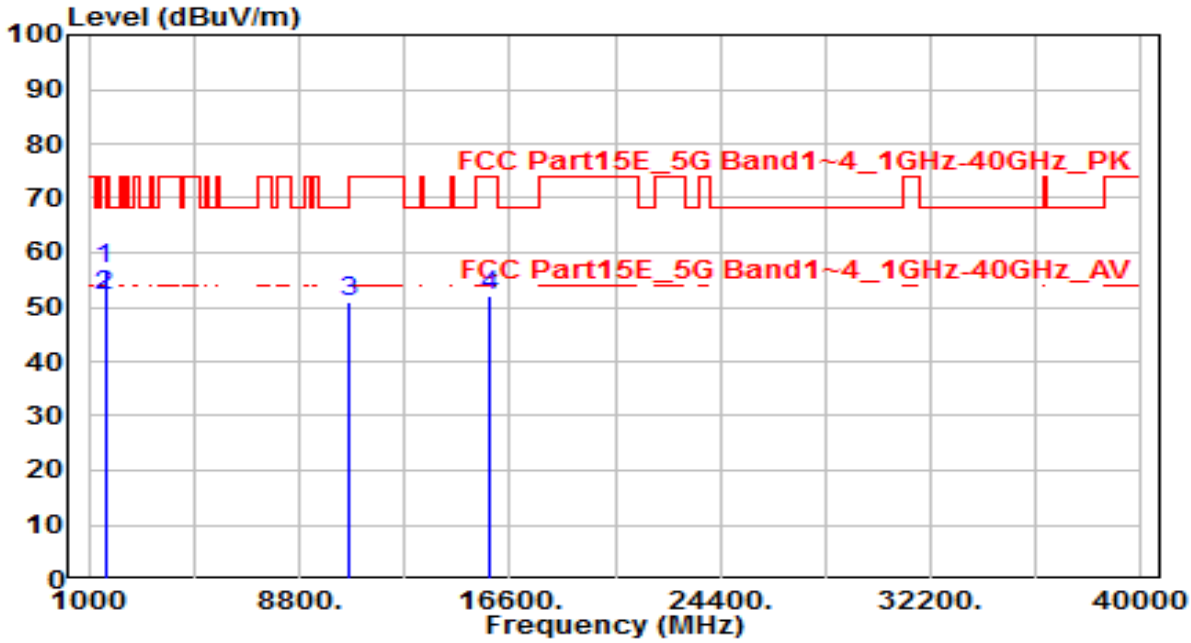


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1599.620	62.75	-5.49	57.27	-16.73	74.00	185	200	Peak
2	*	1599.620	57.62	-5.49	52.13	-1.87	54.00	185	200	Average
3		10520.000	31.74	16.90	48.64	-19.56	68.20	150	400	Peak
4		15780.000	32.06	20.70	52.76	-21.24	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band2_CH 60_ANT 0+1	Test Voltage	AC 120V/60Hz

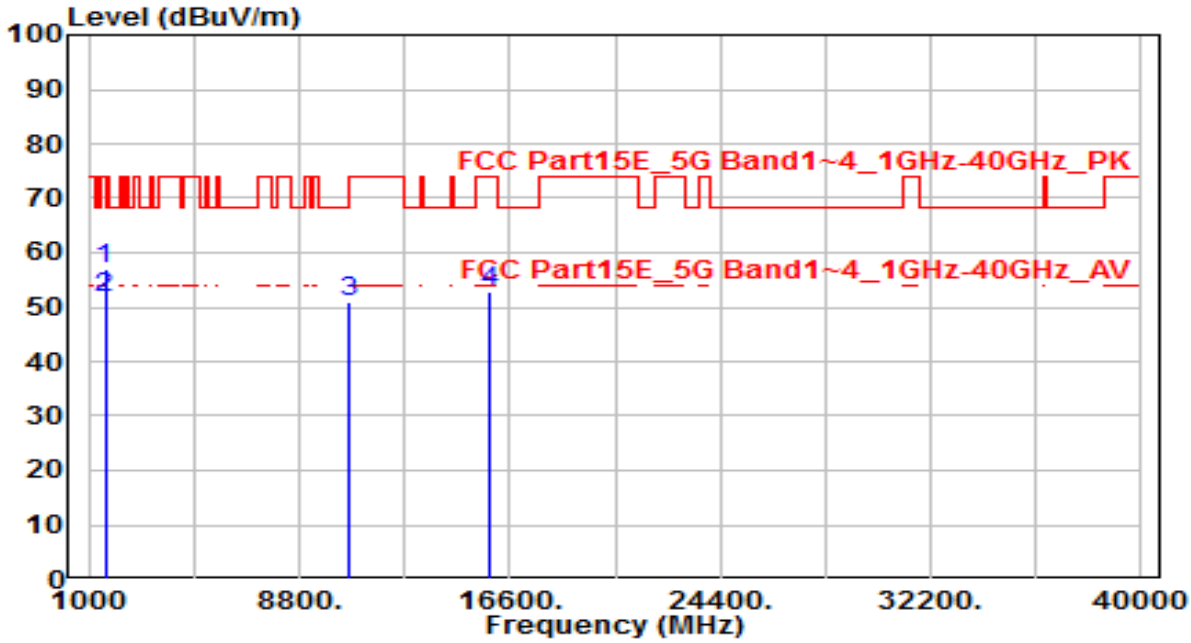


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1600.230	62.51	-5.49	57.02	-16.98	74.00	100	250	Peak
2	*	1600.230	57.62	-5.49	52.13	-1.87	54.00	100	250	Average
3		10600.000	33.91	17.01	50.92	-17.28	68.20	150	400	Peak
4		15900.000	31.41	20.60	52.00	-22.00	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band2_CH 60_ANT 0+1	Test Voltage	AC 120V/60Hz

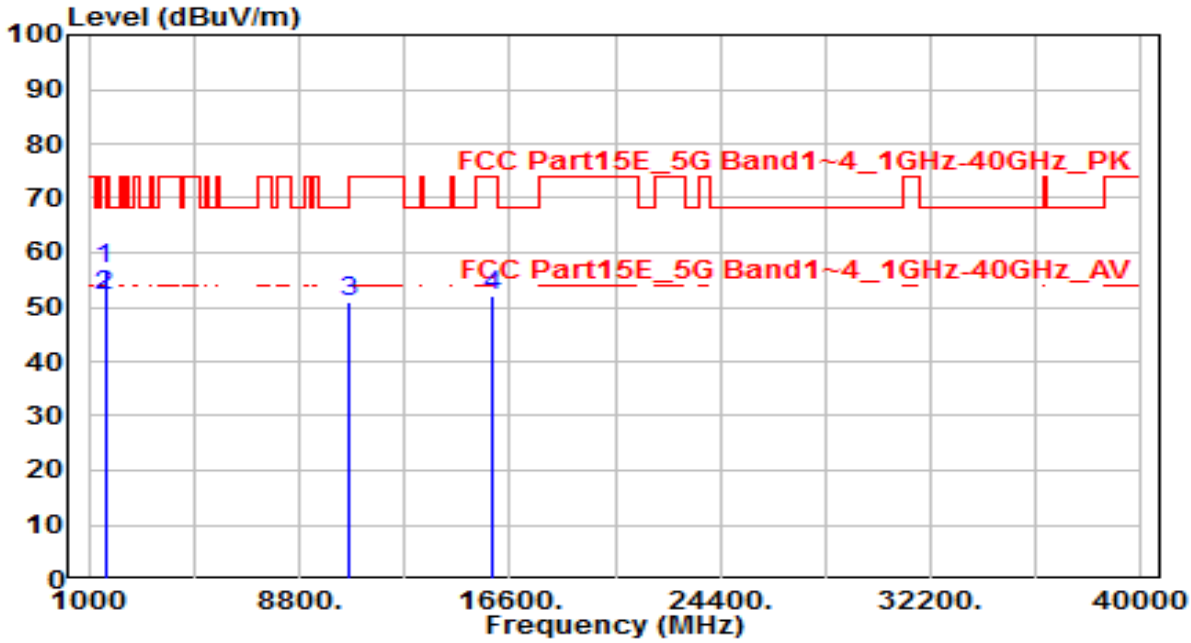


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1600.050	62.45	-5.49	56.96	-17.04	74.00	185	200	Peak
2	*	1600.050	57.22	-5.49	51.74	-2.26	54.00	185	200	Average
3		10600.000	34.07	17.01	51.08	-17.12	68.20	150	400	Peak
4		15900.000	32.38	20.60	52.98	-21.02	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band2_CH 64_ANT 0+1	Test Voltage	AC 120V/60Hz

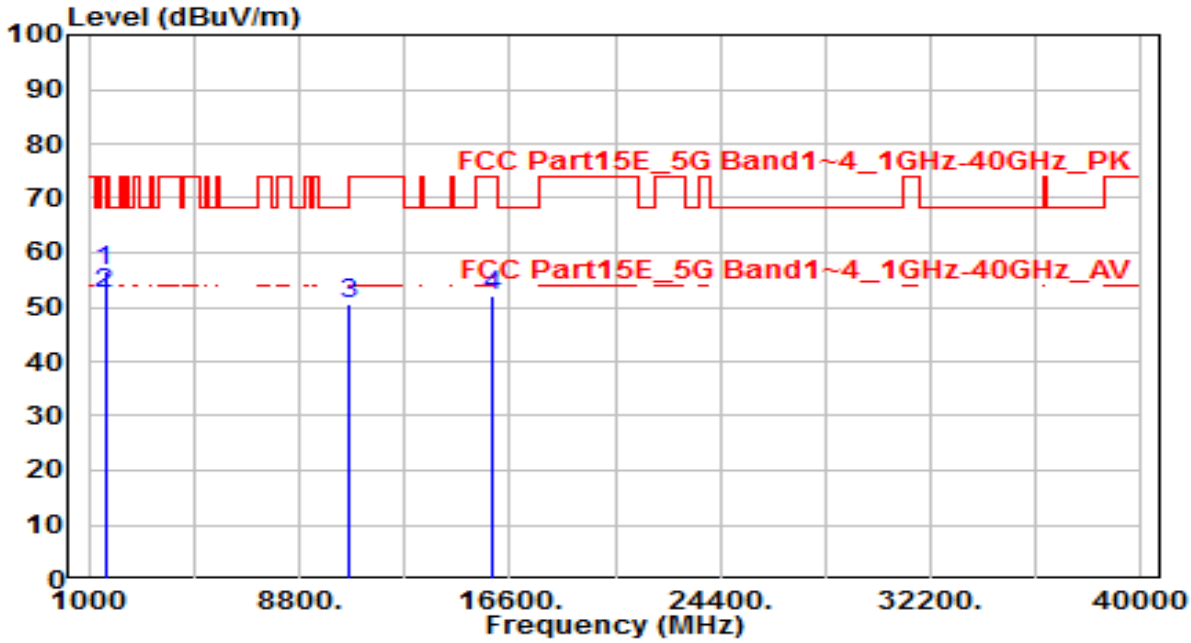


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1599.650	62.35	-5.49	56.86	-17.14	74.00	100	250	Peak
2	*	1599.650	57.65	-5.49	52.16	-1.84	54.00	100	250	Average
3		10640.000	34.06	17.07	51.12	-22.88	74.00	150	400	Peak
4		15960.000	31.40	20.55	51.94	-22.06	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band2_CH 64_ANT 0+1	Test Voltage	AC 120V/60Hz

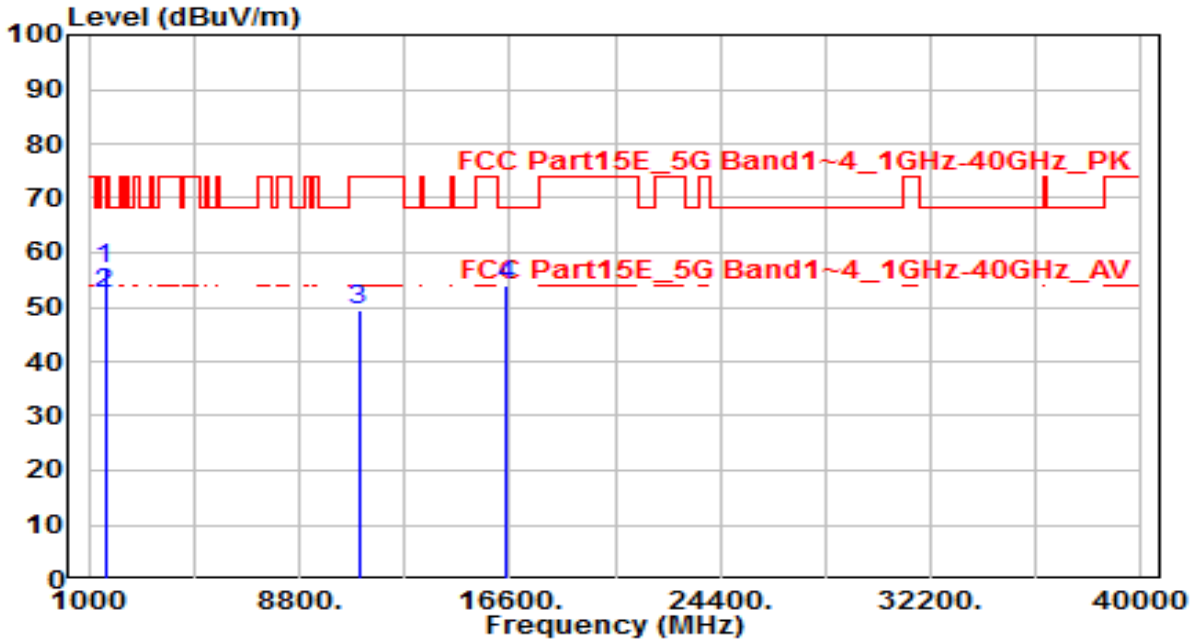


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1600.000	62.17	-5.49	56.68	-17.32	74.00	185	200	Peak
2	*	1600.000	57.96	-5.49	52.47	-1.53	54.00	185	200	Average
3		10640.000	33.45	17.07	50.52	-23.48	74.00	150	400	Peak
4		15960.000	31.37	20.55	51.91	-22.09	74.00	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band3_CH 100_ANT 0+1	Test Voltage	AC 120V/60Hz

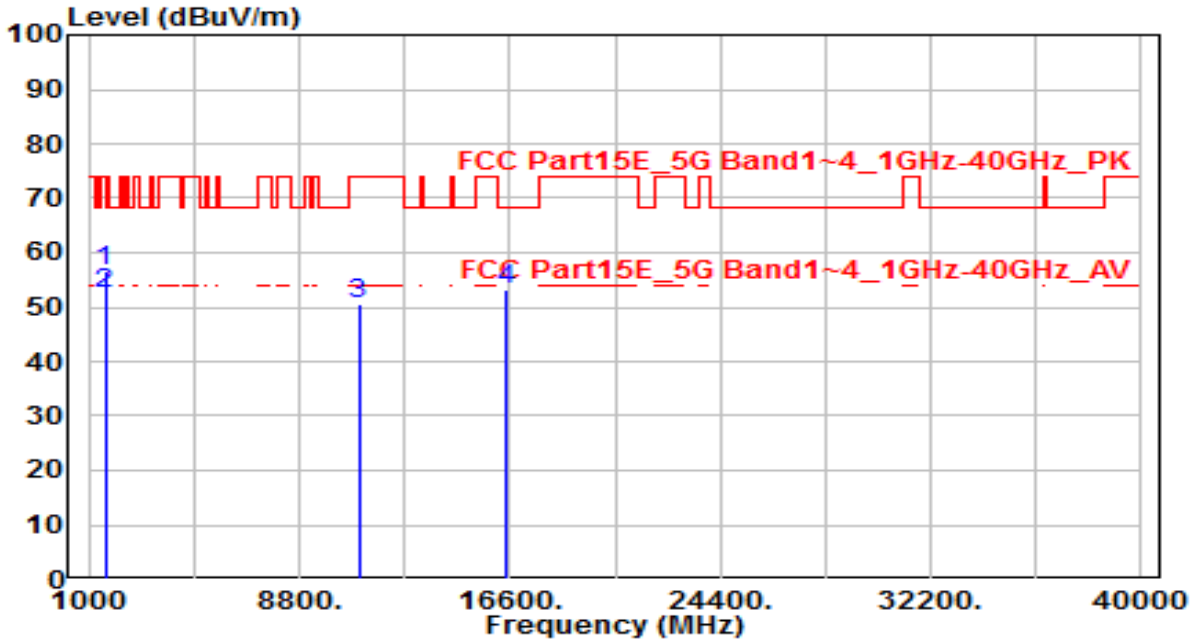


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1600.250	62.51	-5.49	57.02	-16.98	74.00	100	250	Peak
2	*	1600.250	57.86	-5.49	52.37	-1.63	54.00	100	250	Average
3		11000.000	31.79	17.58	49.37	-24.63	74.00	150	400	Peak
4		16500.000	32.09	21.96	54.05	-14.15	68.20	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band3_CH 100_ANT 0+1	Test Voltage	AC 120V/60Hz

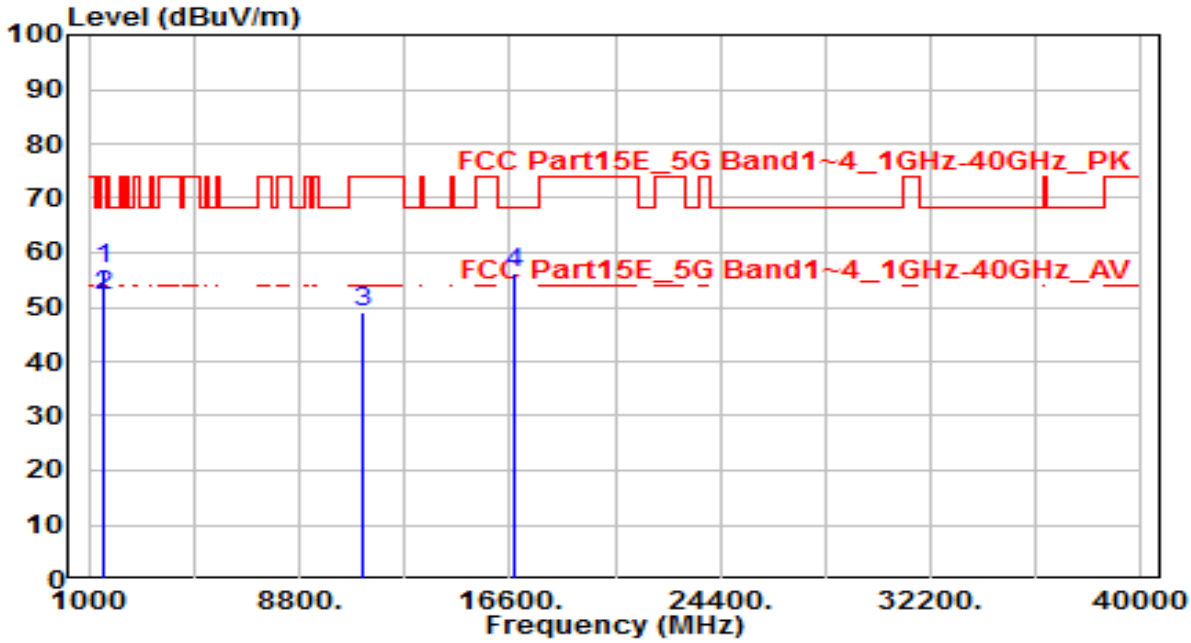


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1599.752	62.12	-5.49	56.63	-17.37	74.00	185	200	Peak
2	*	1599.752	57.76	-5.49	52.27	-1.73	54.00	185	200	Average
3		11000.000	32.94	17.58	50.52	-23.48	74.00	150	400	Peak
4		16500.000	31.27	21.96	53.23	-14.97	68.20	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band3_CH 120_ANT 0+1	Test Voltage	AC 120V/60Hz

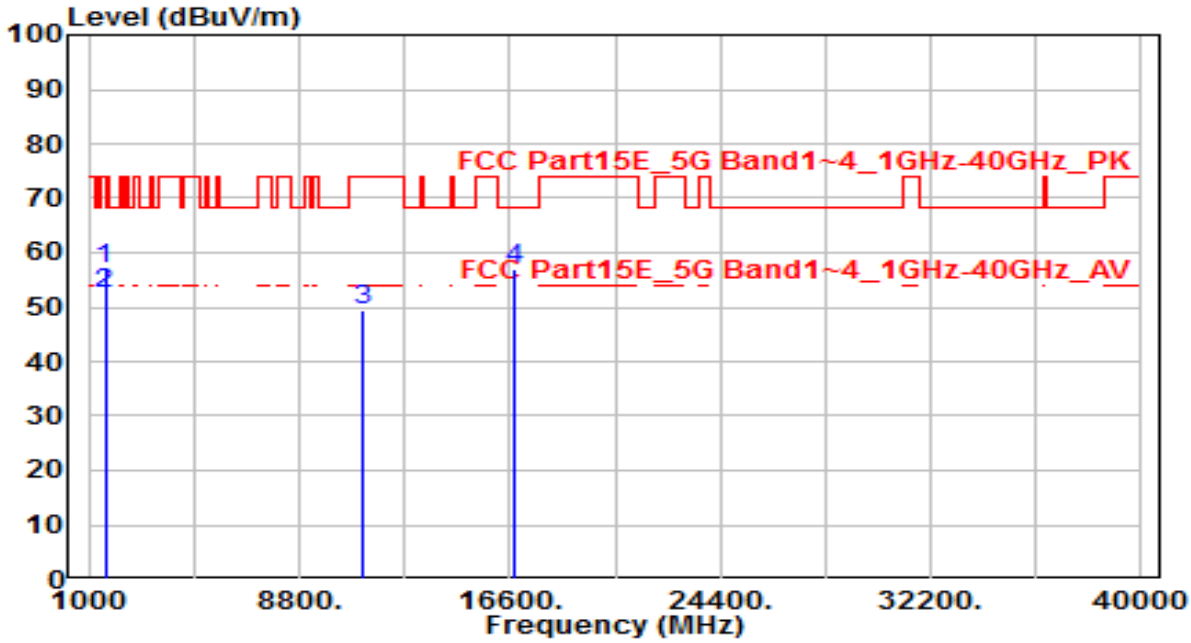


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1599.158	62.56	-5.49	57.07	-16.93	74.00	100	250	Peak
2	*	1599.158	57.47	-5.49	51.97	-2.03	54.00	100	250	Average
3		11200.000	31.13	17.77	48.90	-25.10	74.00	150	400	Peak
4		16800.000	32.12	24.09	56.21	-11.99	68.20	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band3_CH 120_ANT 0+1	Test Voltage	AC 120V/60Hz

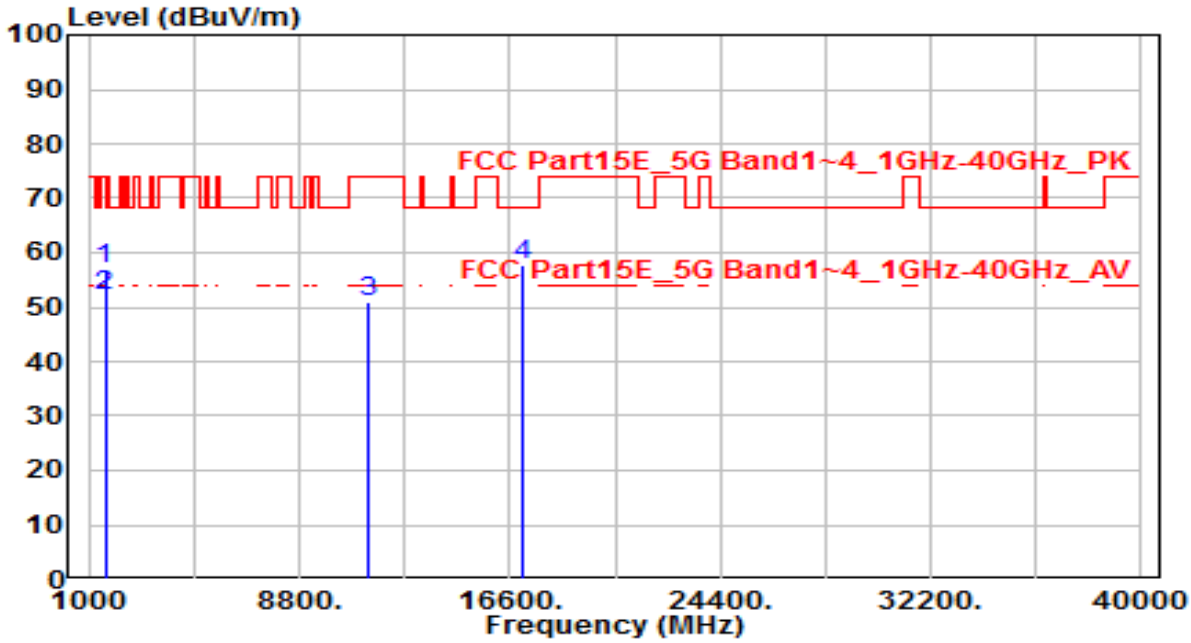


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1599.855	62.35	-5.49	56.86	-17.14	74.00	185	200	Peak
2	*	1599.855	57.76	-5.49	52.27	-1.73	54.00	185	200	Average
3		11200.000	31.64	17.77	49.41	-24.59	74.00	150	400	Peak
4		16800.000	32.72	24.09	56.81	-11.39	68.20	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band3_CH 140_ANT 0+1	Test Voltage	AC 120V/60Hz

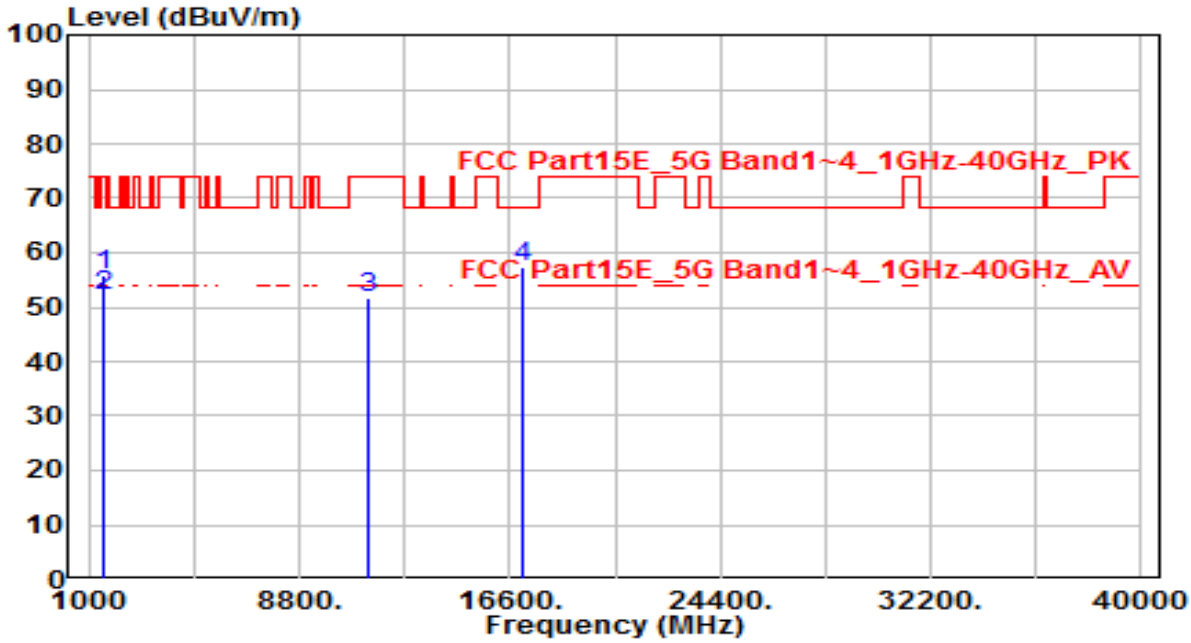


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1600.020	62.35	-5.49	56.86	-17.14	74.00	100	250	Peak
2	*	1600.020	57.60	-5.49	52.11	-1.89	54.00	100	250	Average
3		11400.000	32.86	17.96	50.82	-23.18	74.00	150	400	Peak
4		17100.000	31.43	26.46	57.88	-10.32	68.20	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band3_CH 140_ANT 0+1	Test Voltage	AC 120V/60Hz

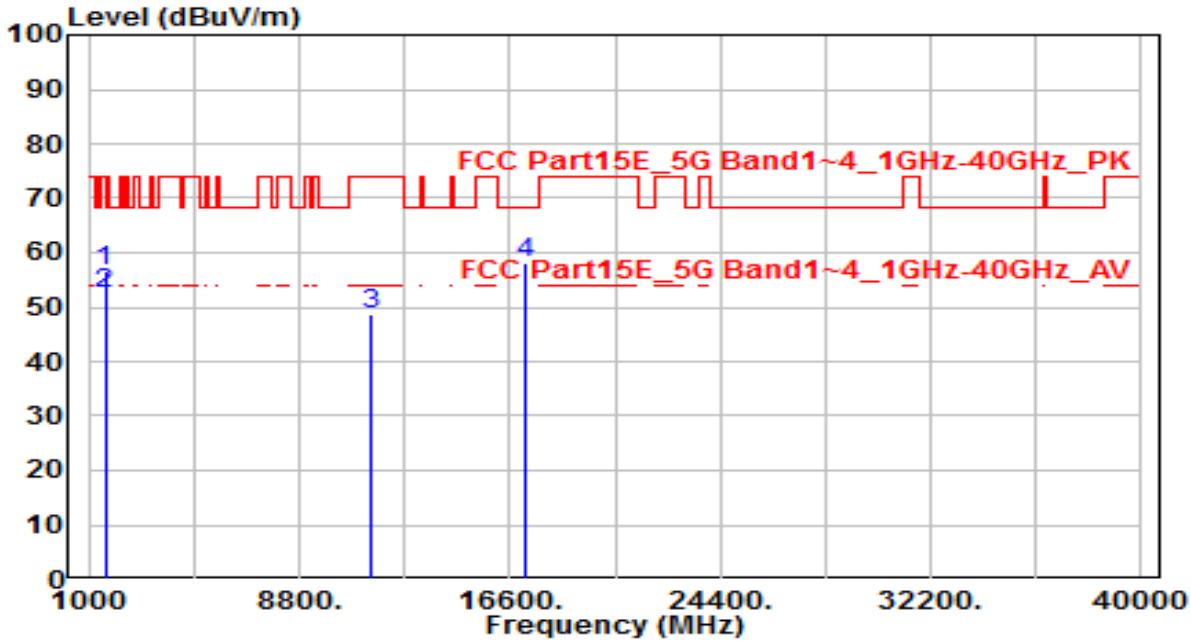


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1599.157	61.35	-5.49	55.86	-18.14	74.00	185	200	Peak
2	*	1599.157	57.55	-5.49	52.06	-1.94	54.00	185	200	Average
3		11400.000	33.73	17.96	51.68	-22.32	74.00	150	400	Peak
4		17100.000	31.03	26.46	57.49	-10.71	68.20	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band3_CH 144_ANT 0+1	Test Voltage	AC 120V/60Hz

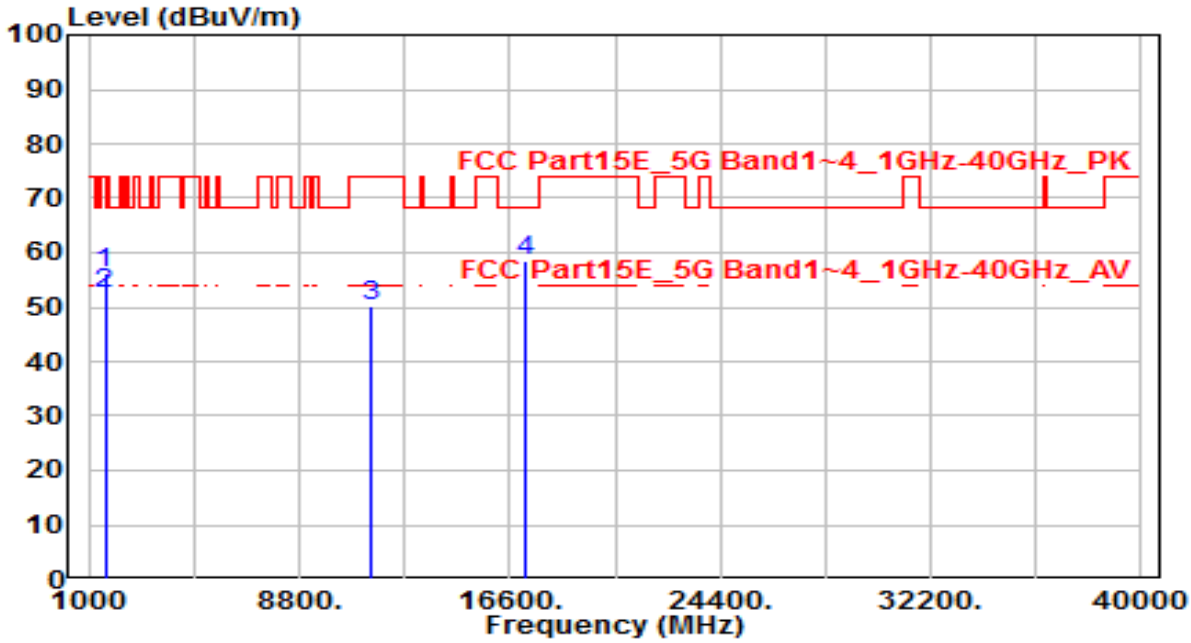


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1600.020	62.26	-5.49	56.77	-17.23	74.00	100	250	Peak
2	*	1600.020	57.87	-5.49	52.38	-1.62	54.00	100	250	Average
3		11440.000	30.65	17.99	48.65	-25.35	74.00	150	400	Peak
4		17160.000	31.24	27.02	58.26	-9.94	68.20	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band3_CH 144_ANT 0+1	Test Voltage	AC 120V/60Hz

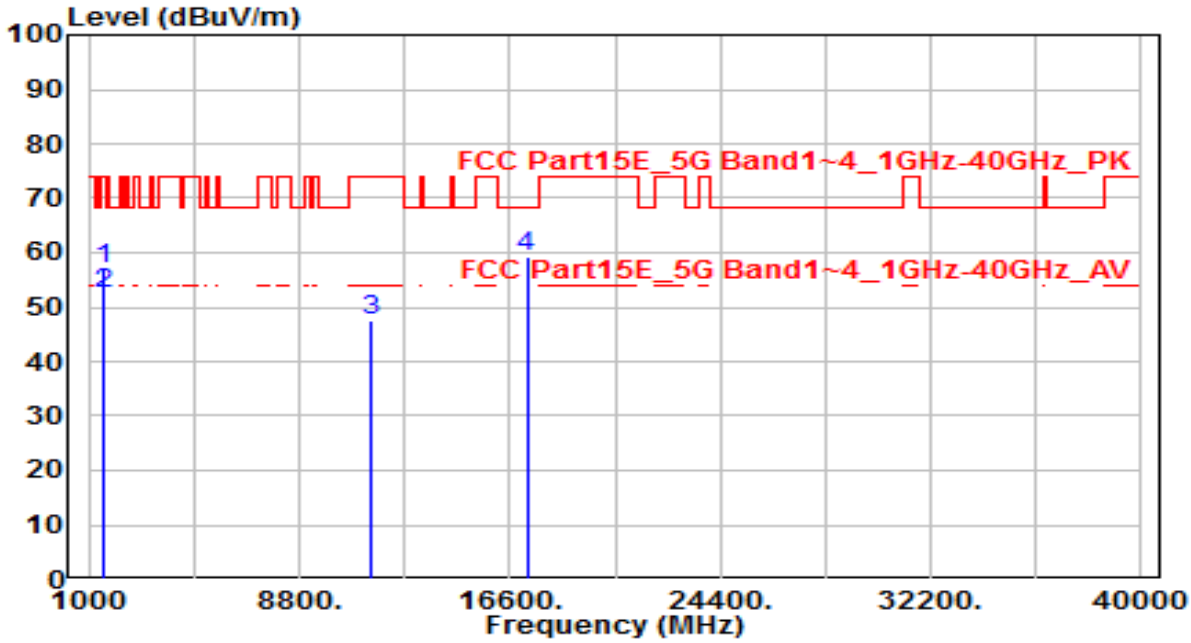


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1600.110	61.86	-5.49	56.37	-17.63	74.00	185	200	Peak
2	*	1600.110	57.86	-5.49	52.37	-1.63	54.00	185	200	Average
3		11440.000	32.11	17.99	50.10	-23.90	74.00	150	400	Peak
4		17160.000	31.56	27.02	58.59	-9.61	68.20	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

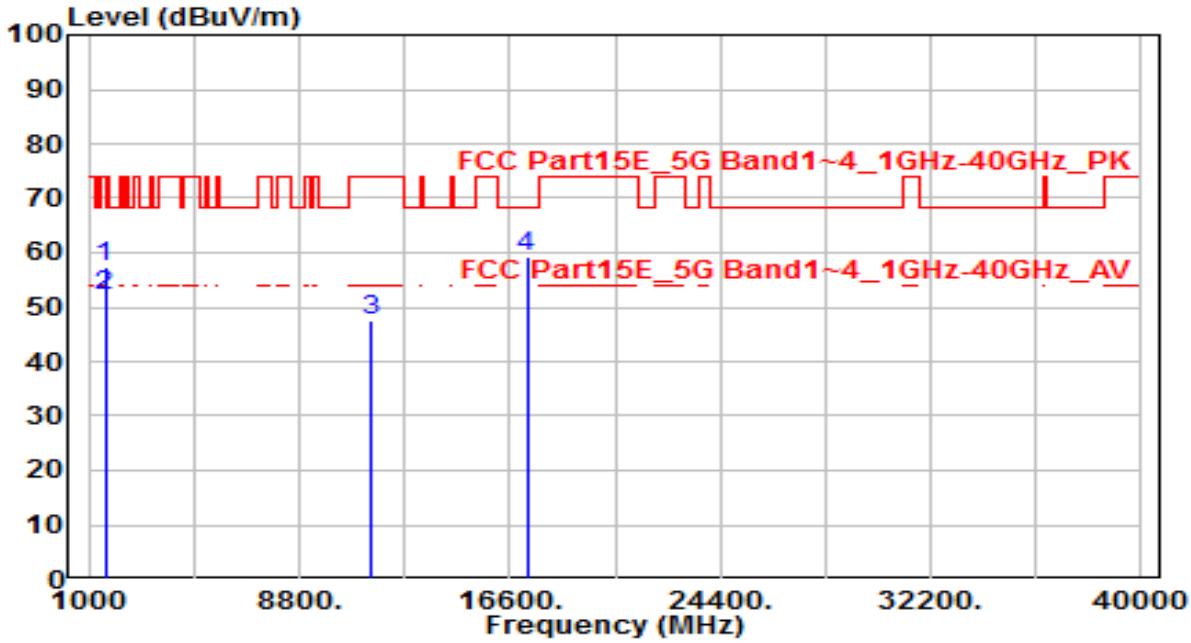


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1599.230	62.57	-5.49	57.08	-16.92	74.00	100	250	Peak
2	*	1599.230	57.86	-5.49	52.37	-1.63	54.00	100	250	Average
3		11490.000	29.37	18.04	47.41	-26.59	74.00	150	400	Peak
4		17235.000	31.50	27.73	59.23	-8.97	68.20	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

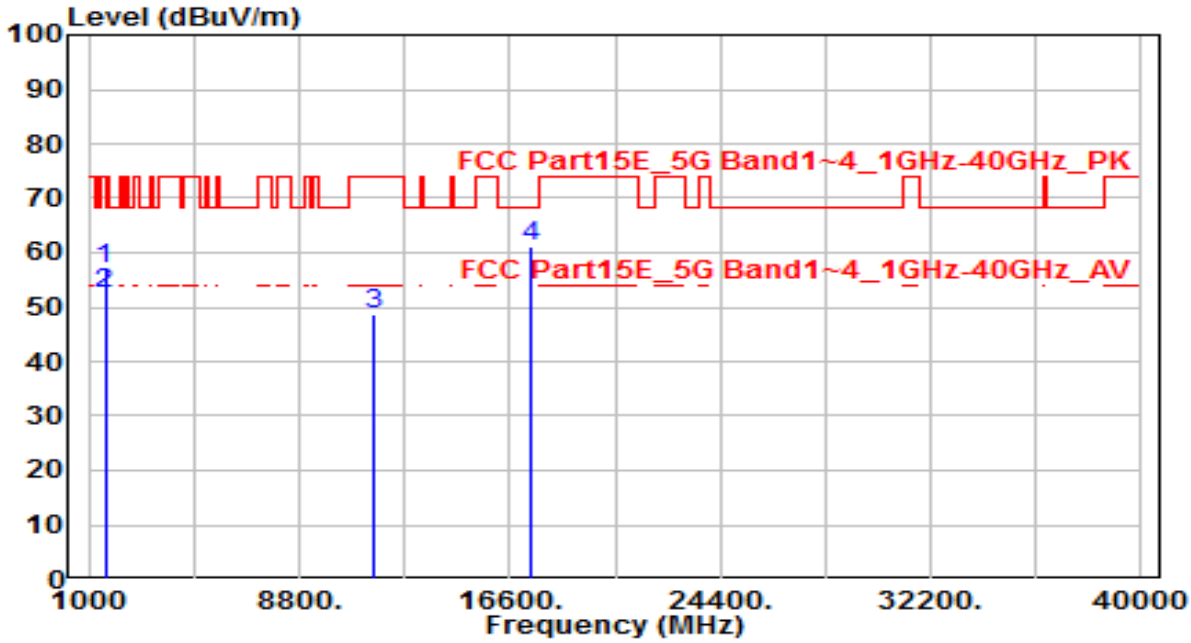


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1599.650	62.68	-5.49	57.19	-16.81	74.00	185	200	Peak
2	*	1599.650	57.53	-5.49	52.04	-1.96	54.00	185	200	Average
3		11490.000	29.39	18.04	47.43	-26.57	74.00	150	400	Peak
4		17235.000	31.66	27.73	59.39	-8.81	68.20	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

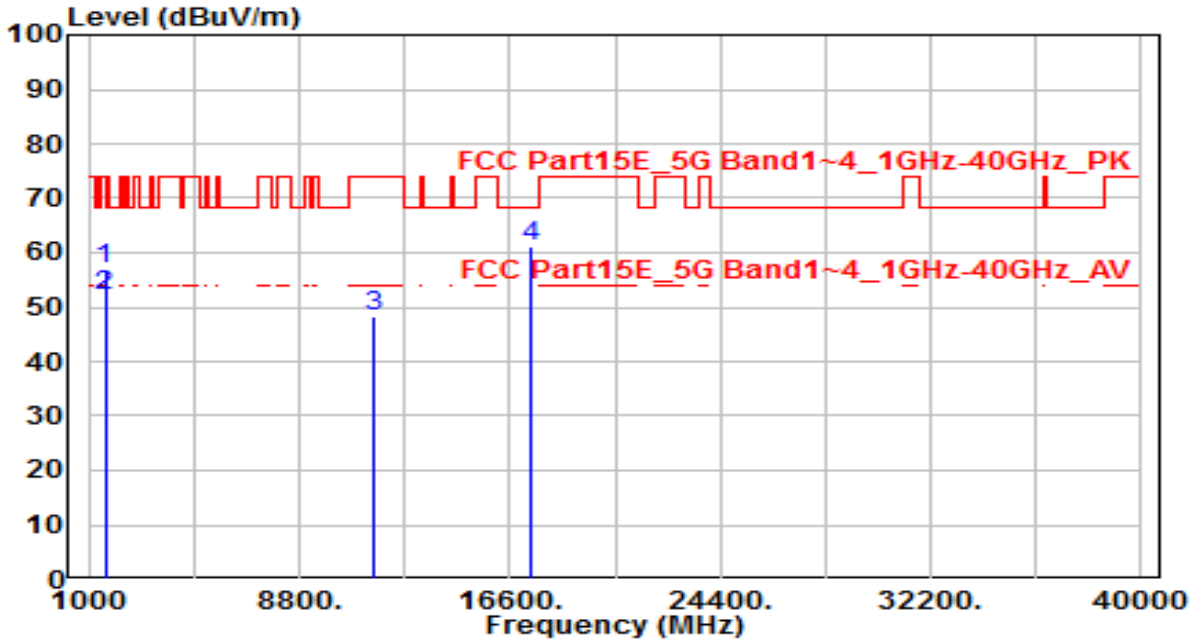


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1600.210	62.65	-5.49	57.16	-16.84	74.00	100	250	Peak
2	*	1600.210	57.76	-5.49	52.27	-1.73	54.00	100	250	Average
3		11570.000	30.59	18.02	48.61	-25.39	74.00	150	400	Peak
4		17355.000	32.31	28.87	61.18	-7.02	68.20	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	OHMNI TELEPRESENCE ROBOTS	Date of Test	2020-05-13
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	1599.910	62.65	-5.49	57.16	-16.84	74.00	185	200	Peak
2	*	1599.910	57.68	-5.49	52.19	-1.81	54.00	185	200	Average
3		11570.000	30.10	18.02	48.11	-25.89	74.00	150	400	Peak
4		17355.000	32.34	28.87	61.21	-6.99	68.20	150	400	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.