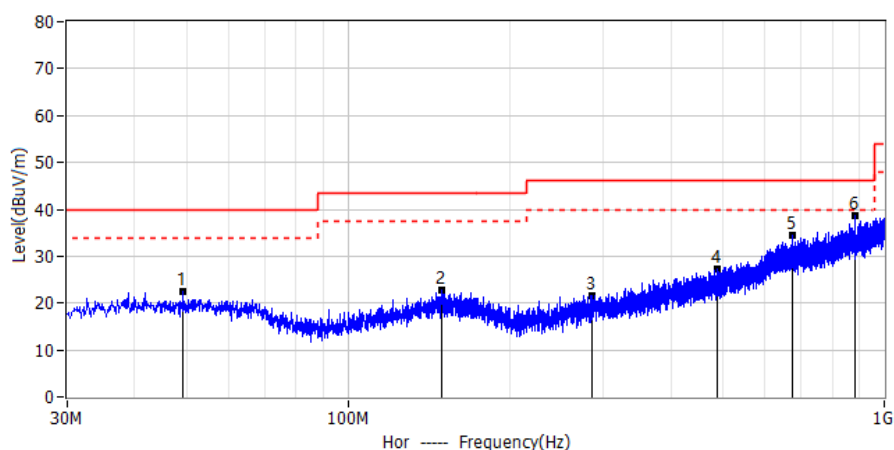


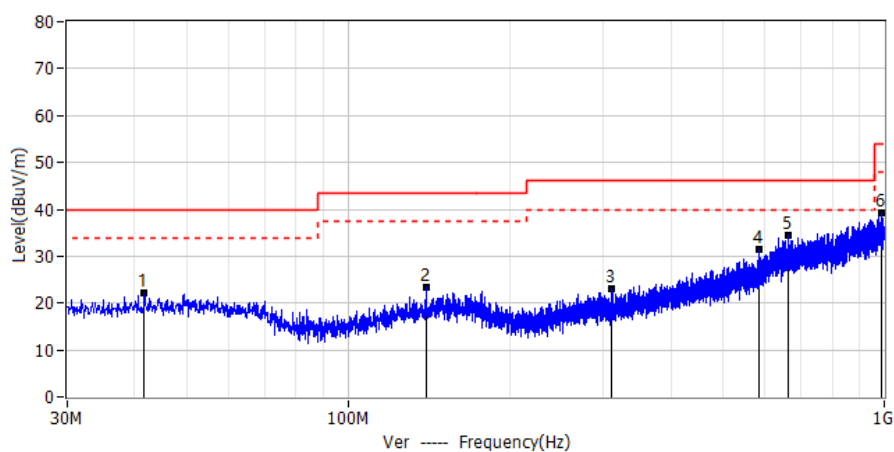


3.2.6 TEST RESULTS

Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 23.4°C
M/N: UW505	Humidity: 65%RH
Test Voltage: Battery	Test Data: 2023-03-31
Test Mode: 5G Wi-Fi TX	
Note:	



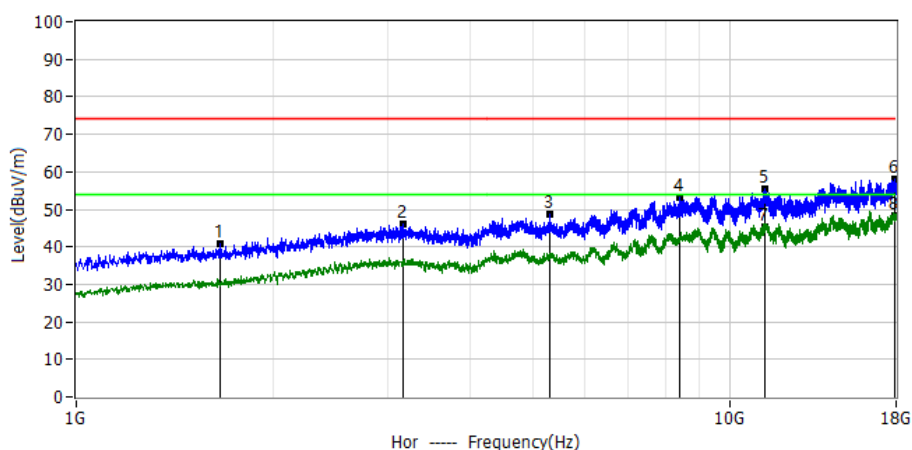
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	49.279MHz	3.20	19.34	22.54	40.00	-17.46	PK	Hor
2*	149.553MHz	2.83	19.95	22.78	43.50	-20.72	PK	Hor
3*	285.474MHz	2.00	19.63	21.63	46.00	-24.37	PK	Hor
4*	488.931MHz	2.69	24.68	27.37	46.00	-18.63	PK	Hor
5*	672.261MHz	4.87	29.48	34.35	46.00	-11.65	PK	Hor
6*	883.115MHz	5.67	33.00	38.67	46.00	-7.33	PK	Hor



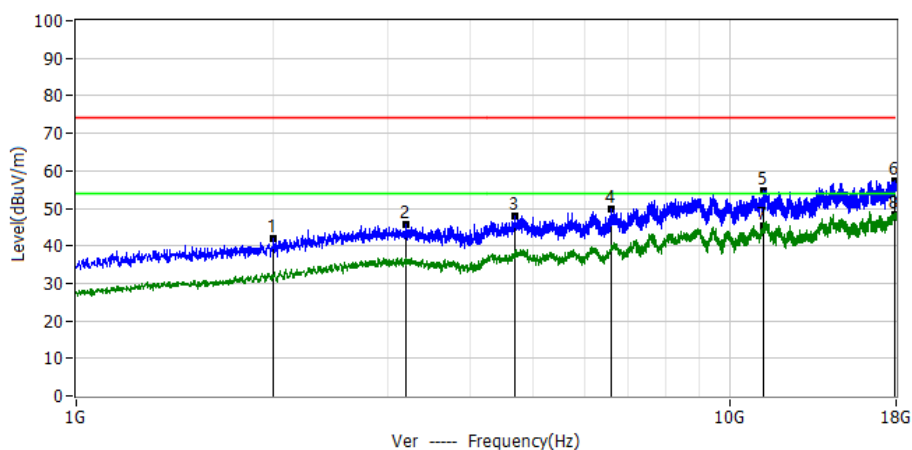
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	41.761MHz	2.86	19.32	22.18	40.00	-17.82	PK	Ver
2*	139.853MHz	4.20	19.04	23.24	43.50	-20.26	PK	Ver
3*	309.845MHz	2.83	20.22	23.05	46.00	-22.95	PK	Ver
4*	584.840MHz	4.25	27.14	31.39	46.00	-14.61	PK	Ver
5*	662.683MHz	5.01	29.38	34.39	46.00	-11.61	PK	Ver
6*	987.390MHz	4.77	34.51	39.28	54.00	-14.72	PK	Ver



Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 25°C
M/N: UW505	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-08
Test Mode: 802.11n20 5180	
Note:	



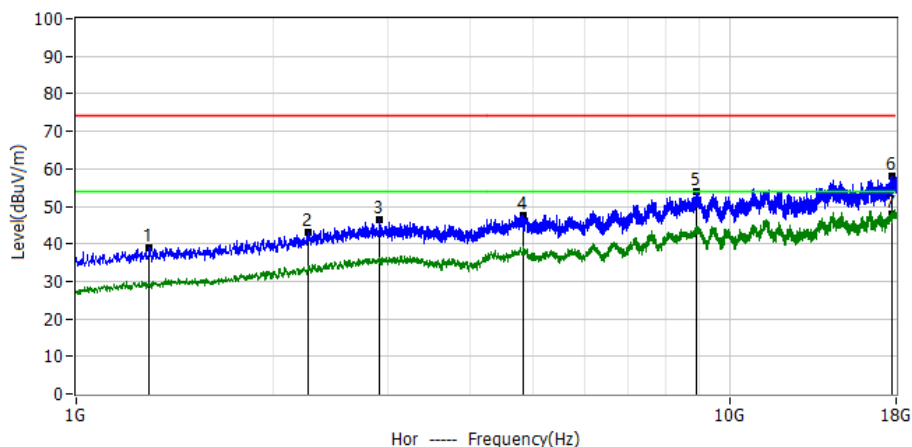
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.657GHz	60.40	-19.63	40.77	74.00	-33.23	PK	Hor
2*	3.172GHz	54.50	-8.40	46.10	74.00	-27.90	PK	Hor
3*	5.316GHz	55.81	-7.15	48.66	74.00	-25.34	PK	Hor
4*	8.410GHz	56.07	-2.84	53.23	74.00	-20.77	PK	Hor
5*	11.340GHz	53.73	1.83	55.56	74.00	-18.44	PK	Hor
6*	17.898GHz	49.69	8.45	58.14	74.00	-15.86	PK	Hor
7*	11.340GHz	43.67	1.83	45.50	54.00	-8.50	AV	Hor
8*	17.898GHz	39.95	8.45	48.40	54.00	-5.60	AV	Hor



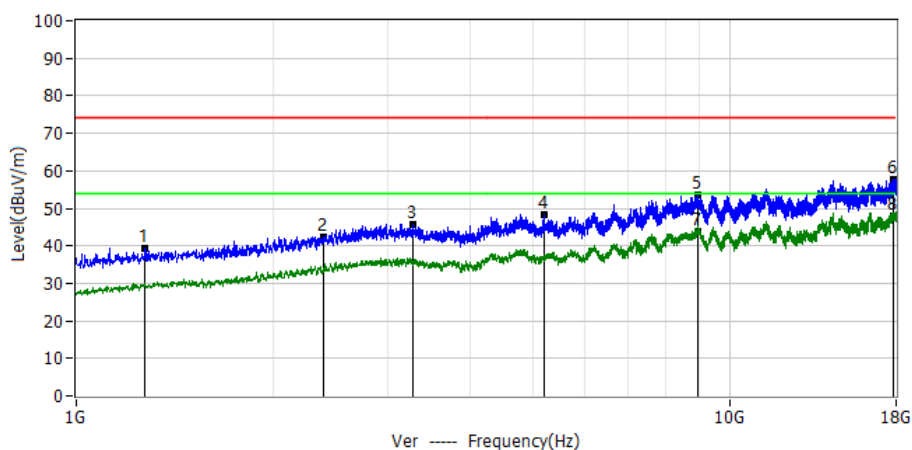
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.005GHz	58.20	-16.18	42.02	74.00	-31.98	PK	Ver
2*	3.195GHz	53.97	-8.40	45.57	74.00	-28.43	PK	Ver
3*	4.691GHz	53.94	-5.90	48.04	74.00	-25.96	PK	Ver
4*	6.602GHz	56.34	-6.39	49.95	74.00	-24.05	PK	Ver
5*	11.283GHz	52.99	1.80	54.79	74.00	-19.21	PK	Ver
6*	17.941GHz	48.96	8.48	57.44	74.00	-16.56	PK	Ver
7*	11.283GHz	43.60	1.80	45.40	54.00	-8.60	AV	Ver
8*	17.941GHz	39.82	8.48	48.30	54.00	-5.70	AV	Ver



Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 25°C
M/N: UW505	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-08
Test Mode: 802.11n20 5200	
Note:	



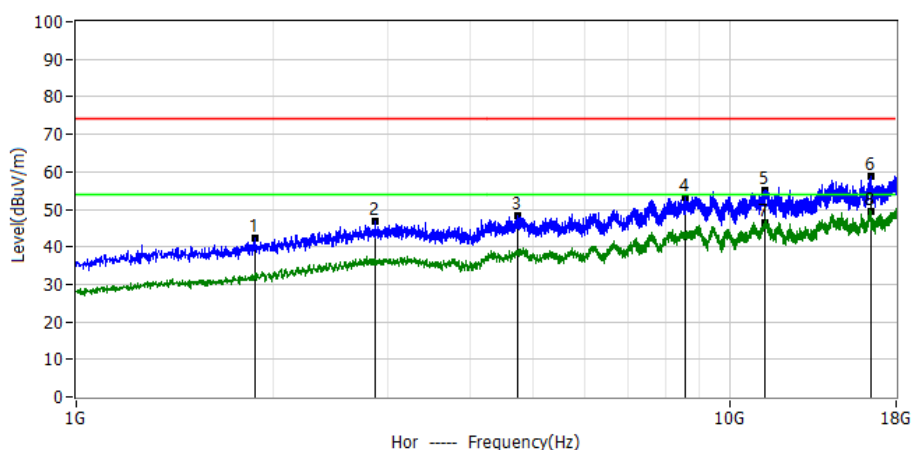
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.293GHz	61.15	-22.23	38.92	74.00	-35.08	PK	Hor
2*	2.260GHz	56.42	-13.50	42.92	74.00	-31.08	PK	Hor
3*	2.910GHz	55.27	-8.81	46.46	74.00	-27.54	PK	Hor
4*	4.844GHz	53.69	-6.02	47.67	74.00	-26.33	PK	Hor
5*	8.920GHz	55.18	-1.40	53.78	74.00	-20.22	PK	Hor
6*	17.779GHz	49.84	8.37	58.21	74.00	-15.79	PK	Hor
7*	17.779GHz	39.53	8.37	47.90	54.00	-6.10	AV	Hor



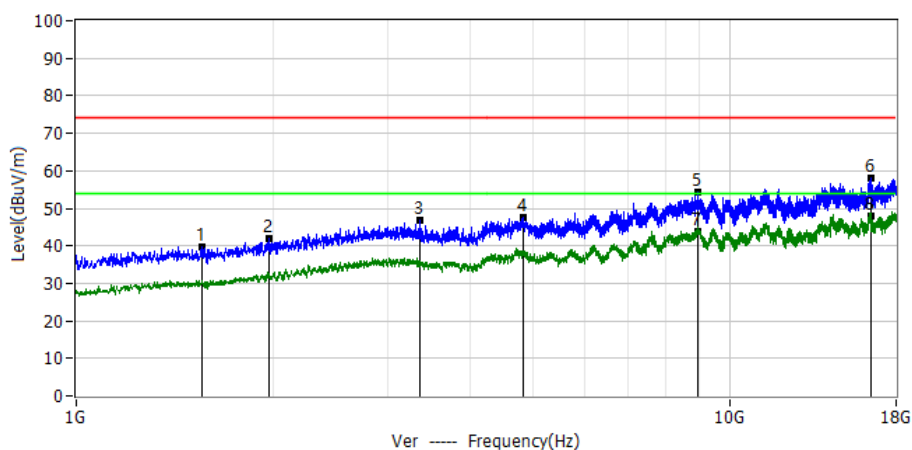
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.272GHz	61.58	-22.40	39.18	74.00	-34.82	PK	Ver
2*	2.388GHz	54.66	-12.16	42.50	74.00	-31.50	PK	Ver
3*	3.274GHz	54.24	-8.43	45.81	74.00	-28.19	PK	Ver
4*	5.214GHz	55.14	-6.82	48.32	74.00	-25.68	PK	Ver
5*	8.939GHz	54.81	-1.34	53.47	74.00	-20.53	PK	Ver
6*	17.826GHz	49.44	8.40	57.84	74.00	-16.16	PK	Ver
7*	8.939GHz	45.04	-1.34	43.70	54.00	-10.30	AV	Ver
8*	17.826GHz	39.40	8.40	47.80	54.00	-6.20	AV	Ver



Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 25°C
M/N: UW505	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-08
Test Mode: 802.11n20 5240	
Note:	



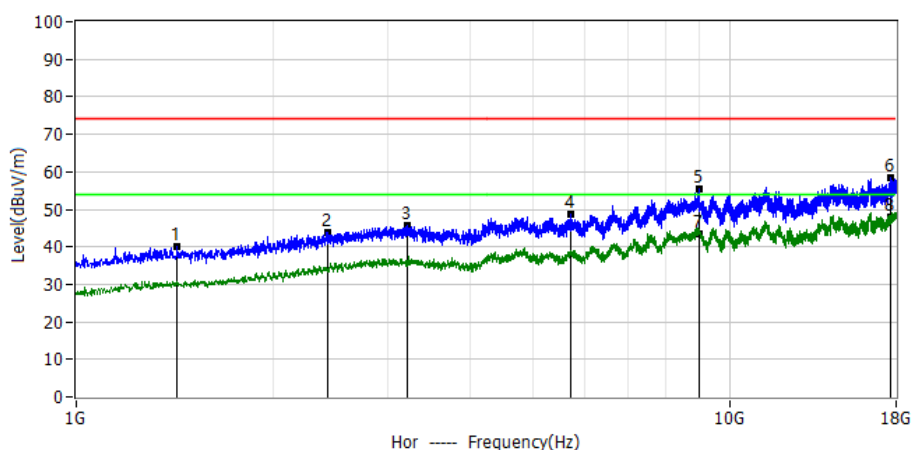
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.882GHz	59.77	-17.43	42.34	74.00	-31.66	PK	Hor
2*	2.870GHz	55.87	-9.03	46.84	74.00	-27.16	PK	Hor
3*	4.734GHz	54.12	-5.93	48.19	74.00	-25.81	PK	Hor
4*	8.557GHz	55.48	-2.43	53.05	74.00	-20.95	PK	Hor
5*	11.336GHz	53.35	1.83	55.18	74.00	-18.82	PK	Hor
6*	16.466GHz	51.95	6.99	58.94	74.00	-15.06	PK	Hor
7*	11.336GHz	44.57	1.83	46.40	54.00	-7.60	AV	Hor
8*	16.466GHz	42.41	6.99	49.40	54.00	-4.60	AV	Hor



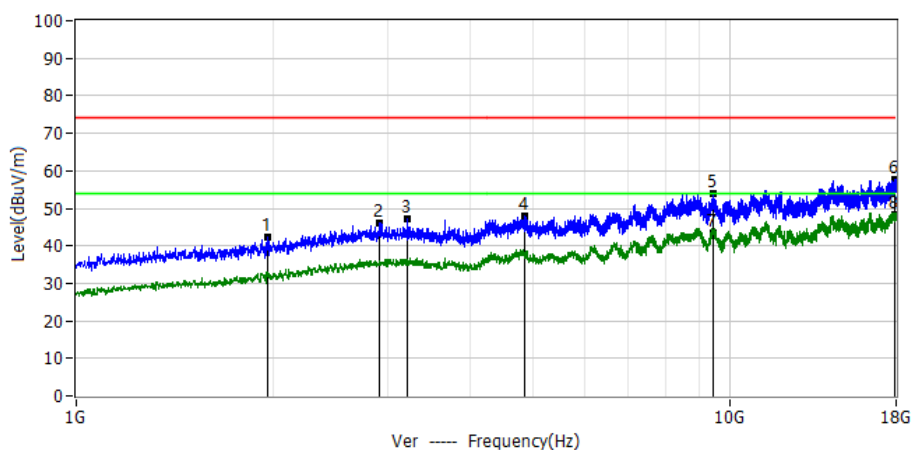
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.555GHz	60.18	-20.48	39.70	74.00	-34.30	PK	Ver
2*	1.969GHz	58.39	-16.54	41.85	74.00	-32.15	PK	Ver
3*	3.359GHz	55.21	-8.46	46.75	74.00	-27.25	PK	Ver
4*	4.831GHz	53.68	-6.01	47.67	74.00	-26.33	PK	Ver
5*	8.928GHz	55.50	-1.37	54.13	74.00	-19.87	PK	Ver
6*	16.459GHz	51.19	6.98	58.17	74.00	-15.83	PK	Ver
7*	8.928GHz	45.37	-1.37	44.00	54.00	-10.00	AV	Ver
8*	16.459GHz	40.92	6.98	47.90	54.00	-6.10	AV	Ver



Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 25°C
M/N: UW505	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-08
Test Mode: 802.11a 5260	
Note:	



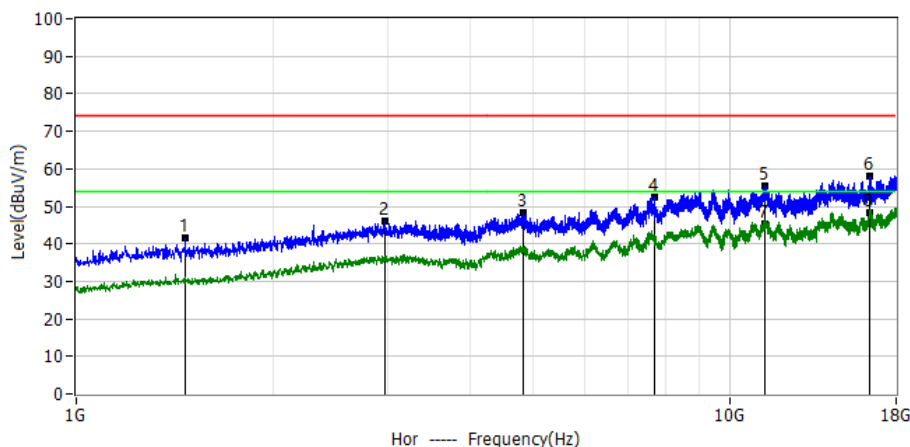
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.427GHz	61.25	-21.23	40.02	74.00	-33.98	PK	Hor
2*	2.424GHz	55.73	-11.78	43.95	74.00	-30.05	PK	Hor
3*	3.212GHz	53.96	-8.41	45.55	74.00	-28.45	PK	Hor
4*	5.722GHz	56.46	-7.65	48.81	74.00	-25.19	PK	Hor
5*	8.994GHz	56.78	-1.19	55.59	74.00	-18.41	PK	Hor
6*	17.660GHz	50.00	8.28	58.28	74.00	-15.72	PK	Hor
7*	8.994GHz	44.59	-1.19	43.40	54.00	-10.60	AV	Hor
8*	17.660GHz	39.72	8.28	48.00	54.00	-6.00	AV	Hor



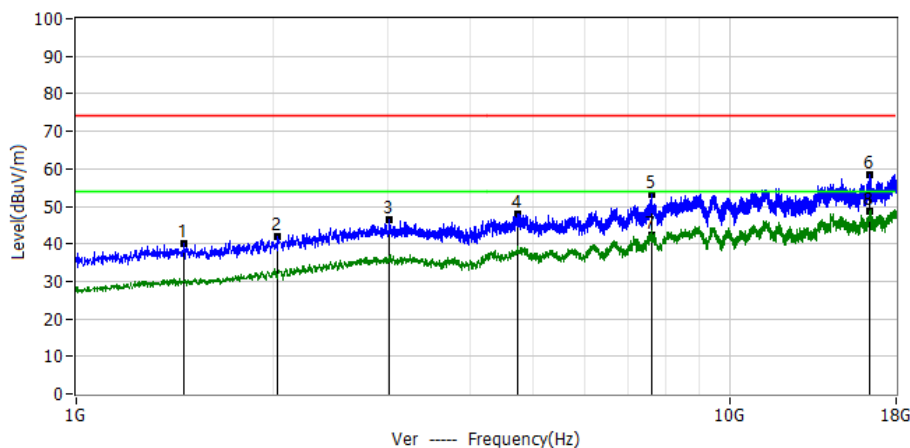
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.965GHz	58.99	-16.59	42.40	74.00	-31.60	PK	Ver
2*	2.908GHz	55.07	-8.83	46.24	74.00	-27.76	PK	Ver
3*	3.219GHz	55.53	-8.41	47.12	74.00	-26.88	PK	Ver
4*	4.846GHz	54.02	-6.02	48.00	74.00	-26.00	PK	Ver
5*	9.460GHz	54.99	-1.17	53.82	74.00	-20.18	PK	Ver
6*	17.909GHz	49.13	8.46	57.59	74.00	-16.41	PK	Ver
7*	9.460GHz	44.47	-1.17	43.30	54.00	-10.70	AV	Ver
8*	17.909GHz	39.84	8.46	48.30	54.00	-5.70	AV	Ver



Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 25°C
M/N: UW505	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-08
Test Mode: 802.11a 5300	
Note:	



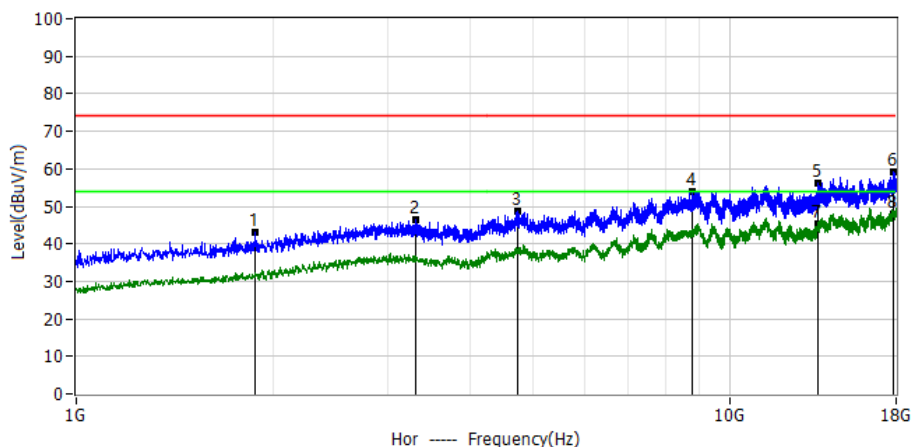
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.470GHz	62.66	-21.00	41.66	74.00	-32.34	PK	Hor
2*	2.972GHz	54.48	-8.49	45.99	74.00	-28.01	PK	Hor
3*	4.840GHz	54.19	-6.02	48.17	74.00	-25.83	PK	Hor
4*	7.664GHz	56.66	-4.20	52.46	74.00	-21.54	PK	Hor
5*	11.351GHz	53.57	1.84	55.41	74.00	-18.59	PK	Hor
6*	16.379GHz	51.38	6.85	58.23	74.00	-15.77	PK	Hor
7*	11.351GHz	43.66	1.84	45.50	54.00	-8.50	AV	Hor
8*	16.379GHz	41.35	6.85	48.20	54.00	-5.80	AV	Hor



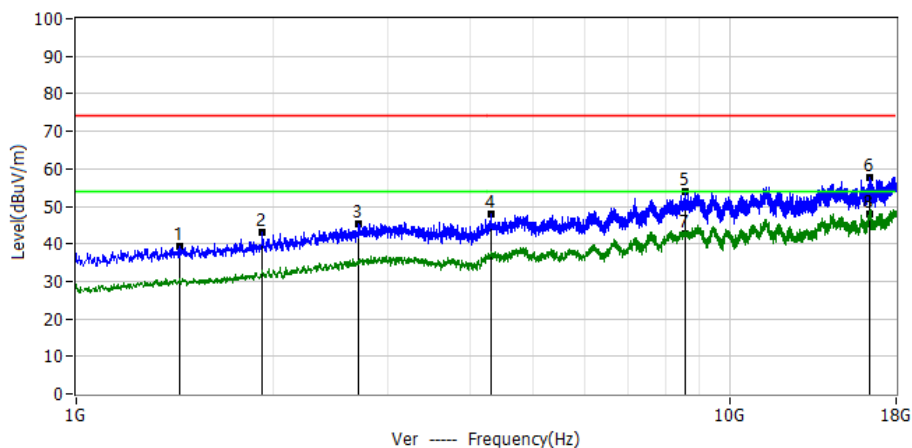
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.459GHz	61.23	-21.06	40.17	74.00	-33.83	PK	Ver
2*	2.037GHz	57.80	-15.84	41.96	74.00	-32.04	PK	Ver
3*	3.012GHz	54.69	-8.34	46.35	74.00	-27.65	PK	Ver
4*	4.751GHz	53.75	-5.95	47.80	74.00	-26.20	PK	Ver
5*	7.594GHz	57.49	-4.24	53.25	74.00	-20.75	PK	Ver
6*	16.372GHz	51.66	6.84	58.50	74.00	-15.50	PK	Ver
7*	7.594GHz	46.64	-4.24	42.40	54.00	-11.60	AV	Ver
8*	16.372GHz	41.96	6.84	48.80	54.00	-5.20	AV	Ver



Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 25°C
M/N: UW505	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-08
Test Mode: 802.11a 5320	
Note:	



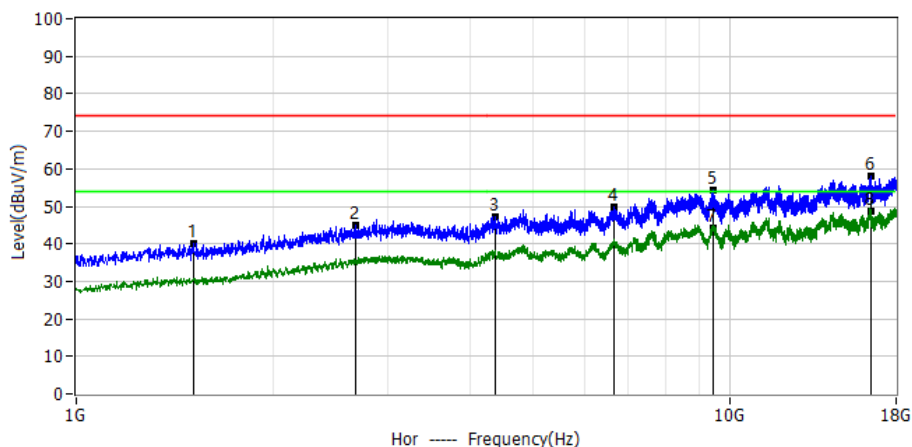
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.876GHz	60.38	-17.49	42.89	74.00	-31.11	PK	Hor
2*	3.308GHz	54.98	-8.44	46.54	74.00	-27.46	PK	Hor
3*	4.740GHz	54.70	-5.94	48.76	74.00	-25.24	PK	Hor
4*	8.780GHz	55.59	-1.79	53.80	74.00	-20.20	PK	Hor
5*	13.642GHz	51.42	4.64	56.06	74.00	-17.94	PK	Hor
6*	17.809GHz	50.67	8.39	59.06	74.00	-14.94	PK	Hor
7*	13.642GHz	40.56	4.64	45.20	54.00	-8.80	AV	Hor
8*	17.809GHz	39.71	8.39	48.10	54.00	-5.90	AV	Hor



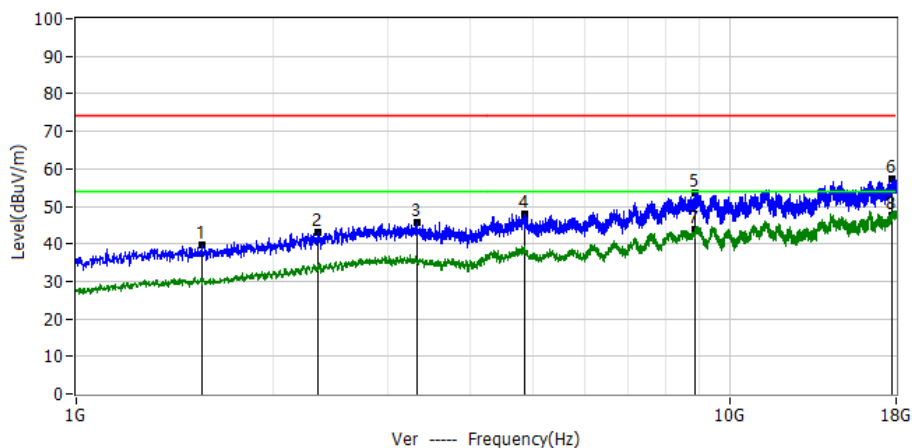
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.440GHz	60.62	-21.17	39.45	74.00	-34.55	PK	Ver
2*	1.929GHz	60.04	-16.95	43.09	74.00	-30.91	PK	Ver
3*	2.709GHz	55.30	-9.88	45.42	74.00	-28.58	PK	Ver
4*	4.313GHz	54.57	-6.55	48.02	74.00	-25.98	PK	Ver
5*	8.537GHz	56.39	-2.48	53.91	74.00	-20.09	PK	Ver
6*	16.370GHz	50.80	6.84	57.64	74.00	-16.36	PK	Ver
7*	8.537GHz	45.28	-2.48	42.80	54.00	-11.20	AV	Ver
8*	16.370GHz	41.16	6.84	48.00	54.00	-6.00	AV	Ver



Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 25°C
M/N: UW505	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-08
Test Mode: 802.11ac40 5500	
Note:	



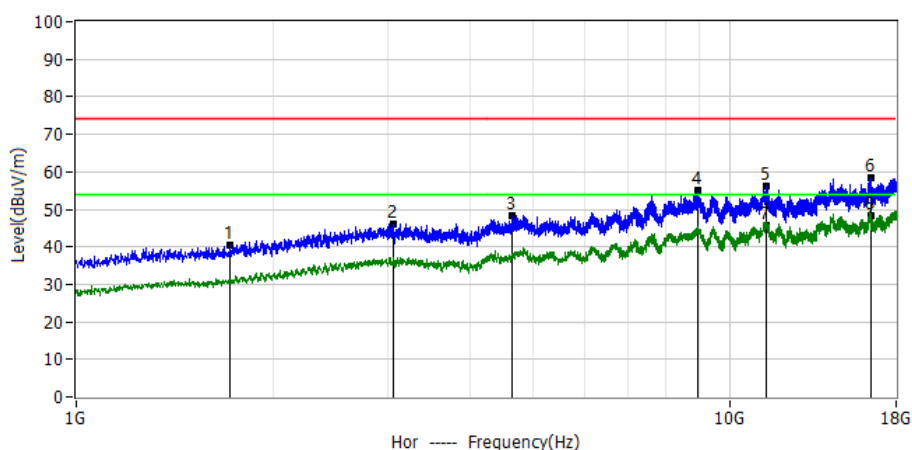
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.510GHz	60.69	-20.77	39.92	74.00	-34.08	PK	Hor
2*	2.672GHz	54.94	-10.07	44.87	74.00	-29.13	PK	Hor
3*	4.372GHz	53.54	-6.29	47.25	74.00	-26.75	PK	Hor
4*	6.646GHz	56.01	-6.31	49.70	74.00	-24.30	PK	Hor
5*	9.453GHz	55.44	-1.17	54.27	74.00	-19.73	PK	Hor
6*	16.468GHz	50.96	6.99	57.95	74.00	-16.05	PK	Hor
7*	9.453GHz	45.47	-1.17	44.30	54.00	-9.70	AV	Hor
8*	16.468GHz	41.71	6.99	48.70	54.00	-5.30	AV	Hor



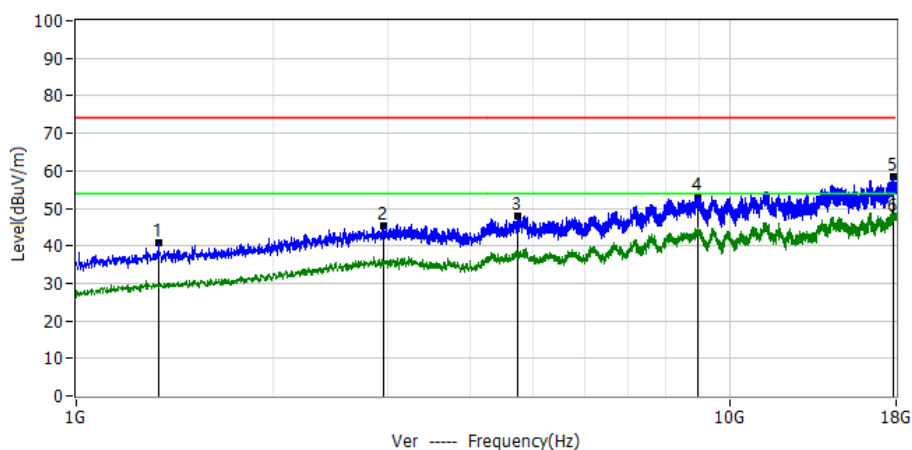
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.559GHz	60.24	-20.45	39.79	74.00	-34.21	PK	Ver
2*	2.349GHz	55.50	-12.57	42.93	74.00	-31.07	PK	Ver
3*	3.327GHz	54.00	-8.45	45.55	74.00	-28.45	PK	Ver
4*	4.848GHz	53.99	-6.02	47.97	74.00	-26.03	PK	Ver
5*	8.873GHz	54.99	-1.53	53.46	74.00	-20.54	PK	Ver
6*	17.711GHz	49.01	8.32	57.33	74.00	-16.67	PK	Ver
7*	8.873GHz	45.53	-1.53	44.00	54.00	-10.00	AV	Ver
8*	17.711GHz	39.28	8.32	47.60	54.00	-6.40	AV	Ver



Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 25°C
M/N: UW505	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-08
Test Mode: 802.11ac40 5580	
Note:	



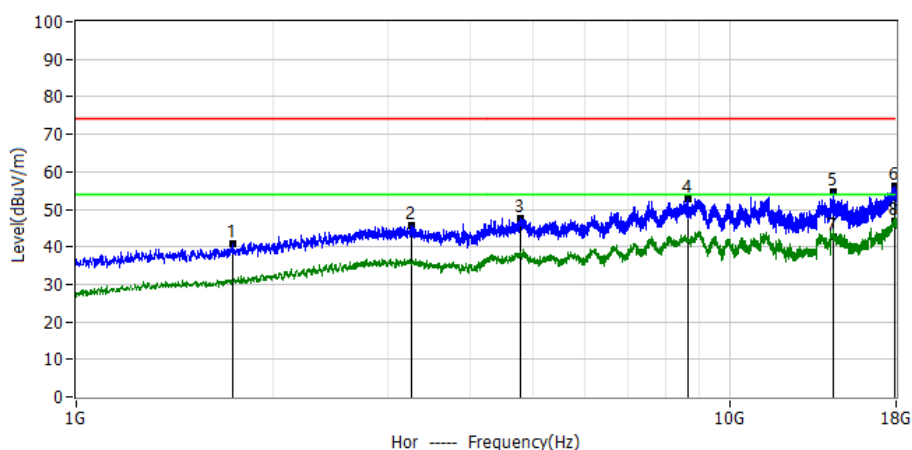
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.723GHz	59.37	-19.00	40.37	74.00	-33.63	PK	Hor
2*	3.053GHz	54.51	-8.36	46.15	74.00	-27.85	PK	Hor
3*	4.655GHz	54.34	-5.87	48.47	74.00	-25.53	PK	Hor
4*	8.931GHz	56.49	-1.37	55.12	74.00	-18.88	PK	Hor
5*	11.383GHz	54.17	1.86	56.03	74.00	-17.97	PK	Hor
6*	16.462GHz	51.38	6.98	58.36	74.00	-15.64	PK	Hor
7*	11.383GHz	43.74	1.86	45.60	54.00	-8.40	AV	Hor
8*	16.462GHz	41.52	6.98	48.50	54.00	-5.50	AV	Hor



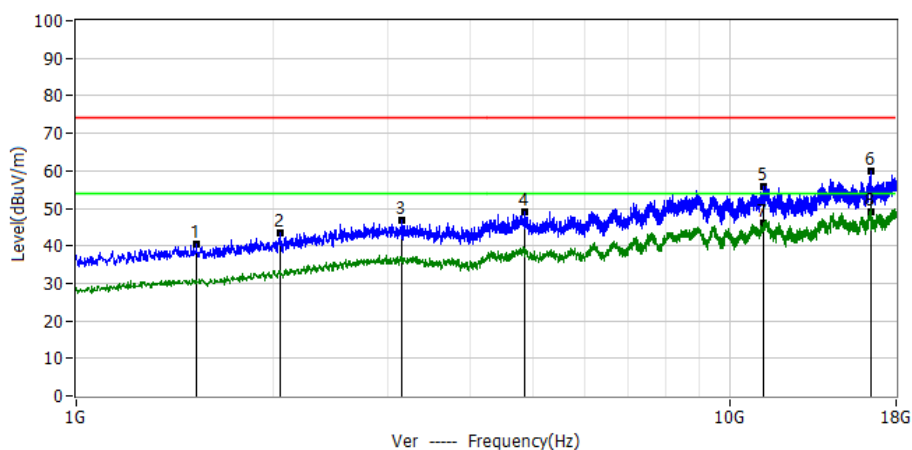
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.338GHz	62.62	-21.87	40.75	74.00	-33.25	PK	Ver
2*	2.955GHz	54.05	-8.58	45.47	74.00	-28.53	PK	Ver
3*	4.742GHz	53.83	-5.94	47.89	74.00	-26.11	PK	Ver
4*	8.926GHz	54.73	-1.38	53.35	74.00	-20.65	PK	Ver
5*	17.841GHz	49.85	8.41	58.26	74.00	-15.74	PK	Ver
6*	17.841GHz	39.19	8.41	47.60	54.00	-6.40	AV	Ver



Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 25°C
M/N: UW505	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-08
Test Mode: 802.11ac40 5700	
Note:	



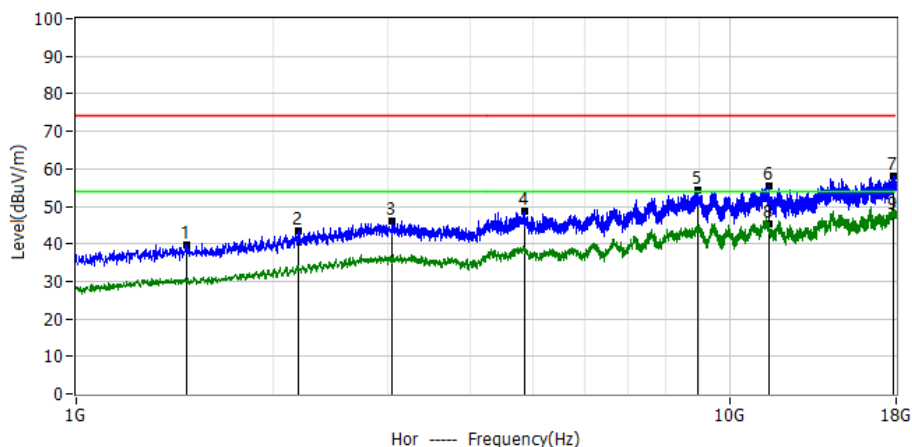
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.733GHz	59.62	-18.90	40.72	74.00	-33.28	PK	Hor
2*	3.261GHz	54.13	-8.43	45.70	74.00	-28.30	PK	Hor
3*	4.791GHz	53.58	-5.98	47.60	74.00	-26.40	PK	Hor
4*	8.650GHz	55.04	-2.16	52.88	74.00	-21.12	PK	Hor
5*	14.396GHz	48.68	5.91	54.59	74.00	-19.41	PK	Hor
6*	17.943GHz	47.85	8.48	56.33	74.00	-17.67	PK	Hor
7*	14.396GHz	36.89	5.91	42.80	54.00	-11.20	AV	Hor
8*	17.943GHz	38.32	8.48	46.80	54.00	-7.20	AV	Hor



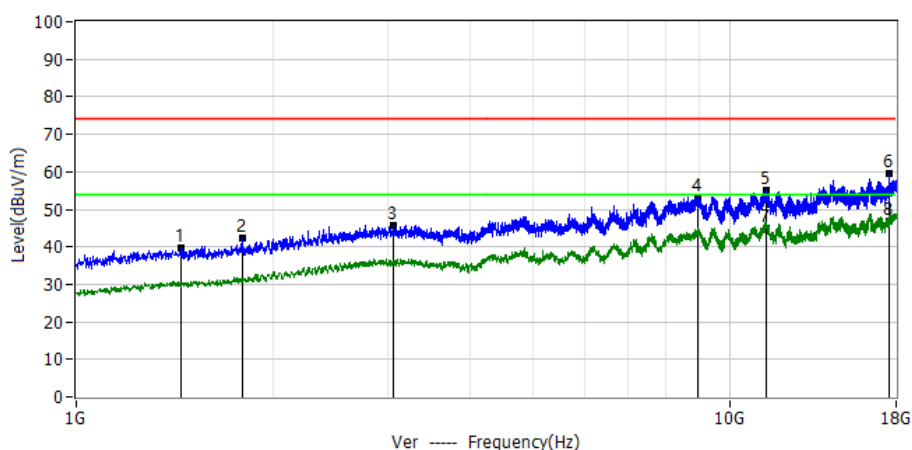
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.527GHz	61.16	-20.66	40.50	74.00	-33.50	PK	Ver
2*	2.054GHz	59.18	-15.66	43.52	74.00	-30.48	PK	Ver
3*	3.144GHz	55.21	-8.39	46.82	74.00	-27.18	PK	Ver
4*	4.848GHz	55.25	-6.02	49.23	74.00	-24.77	PK	Ver
5*	11.277GHz	54.15	1.79	55.94	74.00	-18.06	PK	Ver
6*	16.466GHz	52.86	6.99	59.85	74.00	-14.15	PK	Ver
7*	11.277GHz	44.21	1.79	46.00	54.00	-8.00	AV	Ver
8*	16.466GHz	42.21	6.99	49.20	54.00	-4.80	AV	Ver



Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 25°C
M/N: UW505	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-08
Test Mode: 802.11a 5745	
Note:	



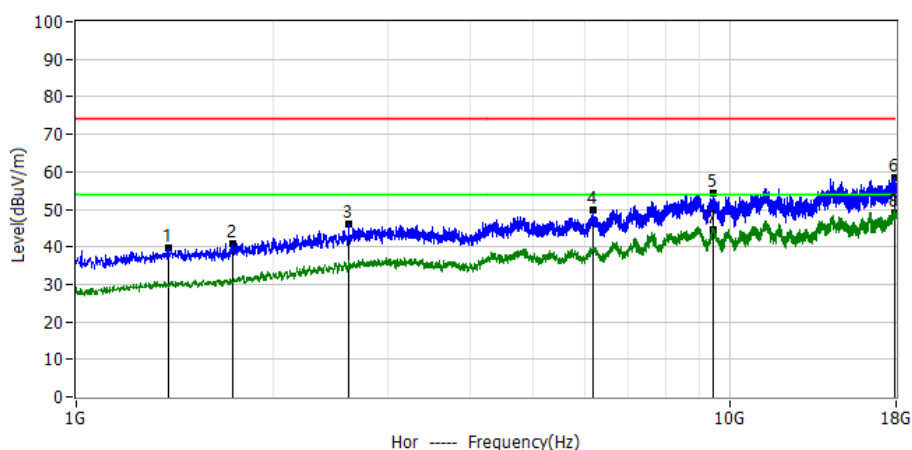
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.474GHz	60.77	-20.98	39.79	74.00	-34.21	PK	Hor
2*	2.186GHz	57.67	-14.28	43.39	74.00	-30.61	PK	Hor
3*	3.044GHz	54.45	-8.35	46.10	74.00	-27.90	PK	Hor
4*	4.846GHz	54.57	-6.02	48.55	74.00	-25.45	PK	Hor
5*	8.950GHz	55.54	-1.31	54.23	74.00	-19.77	PK	Hor
6*	11.508GHz	53.36	1.93	55.29	74.00	-18.71	PK	Hor
7*	17.843GHz	49.82	8.41	58.23	74.00	-15.77	PK	Hor
8*	11.508GHz	43.57	1.93	45.50	54.00	-8.50	AV	Hor
9*	17.843GHz	39.29	8.41	47.70	54.00	-6.30	AV	Hor



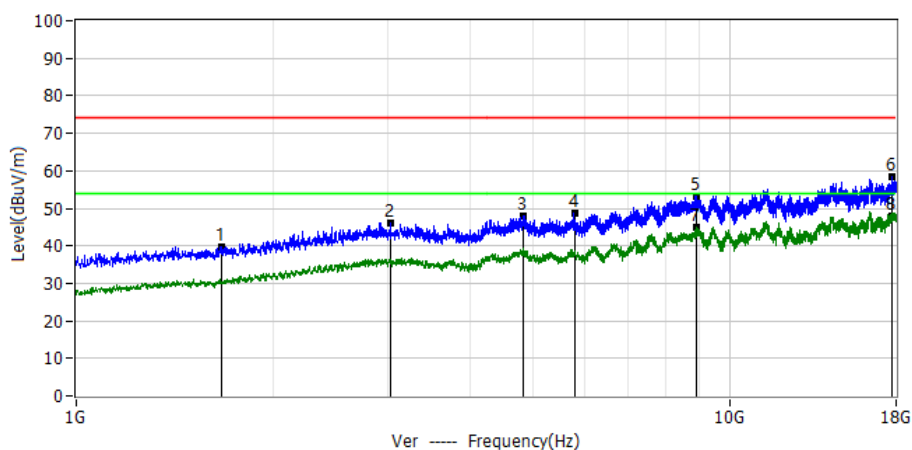
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.444GHz	60.90	-21.14	39.76	74.00	-34.24	PK	Ver
2*	1.793GHz	60.72	-18.32	42.40	74.00	-31.60	PK	Ver
3*	3.059GHz	54.20	-8.36	45.84	74.00	-28.16	PK	Ver
4*	8.924GHz	54.73	-1.38	53.35	74.00	-20.65	PK	Ver
5*	11.366GHz	53.34	1.85	55.19	74.00	-18.81	PK	Ver
6*	17.562GHz	51.25	8.21	59.46	74.00	-14.54	PK	Ver
7*	11.366GHz	43.15	1.85	45.00	54.00	-9.00	AV	Ver
8*	17.562GHz	38.69	8.21	46.90	54.00	-7.10	AV	Ver



Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 25°C
M/N: UW505	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-08
Test Mode: 802.11a 5785	
Note:	



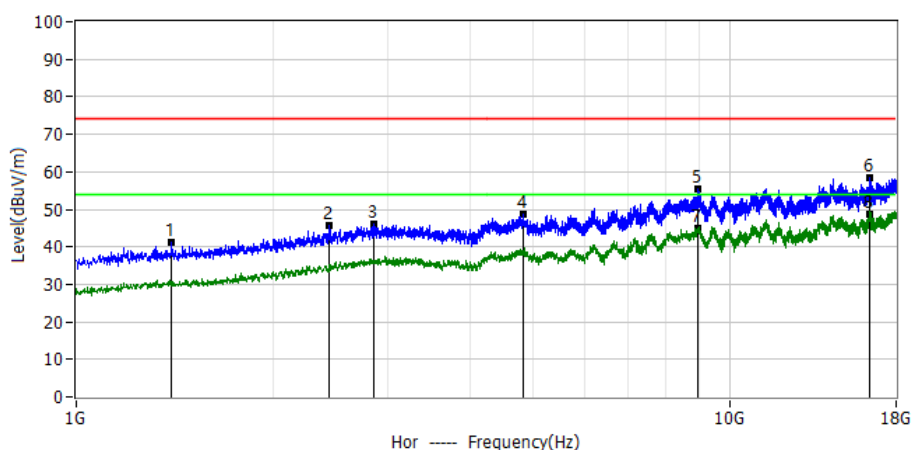
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.383GHz	61.06	-21.52	39.54	74.00	-34.46	PK	Hor
2*	1.740GHz	59.84	-18.84	41.00	74.00	-33.00	PK	Hor
3*	2.611GHz	56.34	-10.40	45.94	74.00	-28.06	PK	Hor
4*	6.174GHz	56.94	-7.20	49.74	74.00	-24.26	PK	Hor
5*	9.443GHz	55.50	-1.17	54.33	74.00	-19.67	PK	Hor
6*	17.953GHz	49.94	8.49	58.43	74.00	-15.57	PK	Hor
7*	9.443GHz	45.57	-1.17	44.40	54.00	-9.60	AV	Hor
8*	17.953GHz	40.41	8.49	48.90	54.00	-5.10	AV	Hor



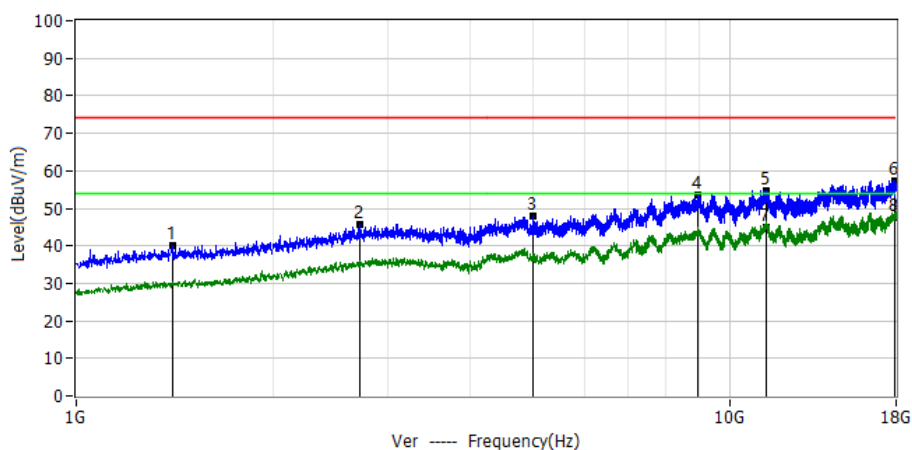
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.669GHz	59.32	-19.51	39.81	74.00	-34.19	PK	Ver
2*	3.027GHz	54.55	-8.35	46.20	74.00	-27.80	PK	Ver
3*	4.825GHz	54.08	-6.01	48.07	74.00	-25.93	PK	Ver
4*	5.786GHz	56.27	-7.63	48.64	74.00	-25.36	PK	Ver
5*	8.922GHz	54.69	-1.39	53.30	74.00	-20.70	PK	Ver
6*	17.722GHz	49.97	8.33	58.30	74.00	-15.70	PK	Ver
7*	8.922GHz	46.39	-1.39	45.00	54.00	-9.00	AV	Ver
8*	17.722GHz	39.77	8.33	48.10	54.00	-5.90	AV	Ver



Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 25°C
M/N: UW505	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-08
Test Mode: 802.11a 5825	
Note:	



No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.400GHz	62.45	-21.39	41.06	74.00	-32.94	PK	Hor
2*	2.443GHz	57.10	-11.58	45.52	74.00	-28.48	PK	Hor
3*	2.857GHz	55.00	-9.10	45.90	74.00	-28.10	PK	Hor
4*	4.838GHz	54.61	-6.02	48.59	74.00	-25.41	PK	Hor
5*	8.926GHz	56.91	-1.38	55.53	74.00	-18.47	PK	Hor
6*	16.364GHz	51.49	6.83	58.32	74.00	-15.68	PK	Hor
7*	8.926GHz	46.18	-1.38	44.80	54.00	-9.20	AV	Hor
8*	16.364GHz	41.87	6.83	48.70	54.00	-5.30	AV	Hor

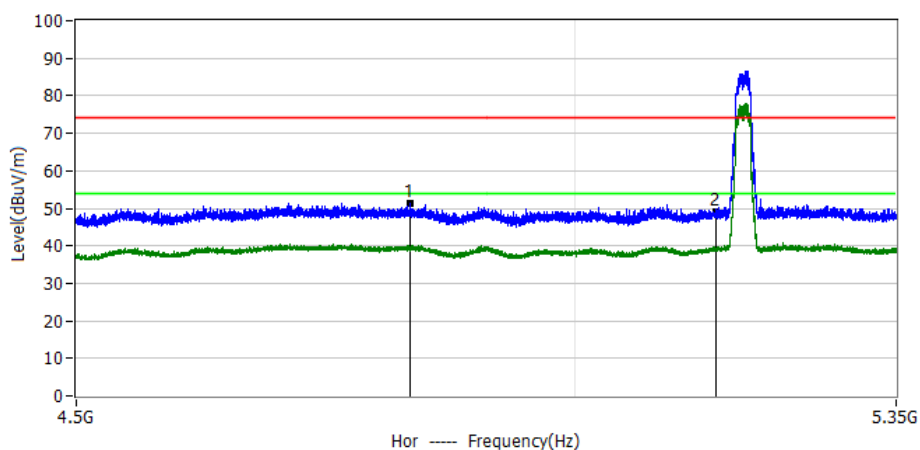


No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.402GHz	61.46	-21.37	40.09	74.00	-33.91	PK	Ver
2*	2.711GHz	55.65	-9.87	45.78	74.00	-28.22	PK	Ver
3*	5.014GHz	54.04	-6.19	47.85	74.00	-26.15	PK	Ver
4*	8.926GHz	55.10	-1.38	53.72	74.00	-20.28	PK	Ver
5*	11.393GHz	52.89	1.86	54.75	74.00	-19.25	PK	Ver
6*	17.894GHz	48.95	8.45	57.40	74.00	-16.60	PK	Ver
7*	11.393GHz	43.24	1.86	45.10	54.00	-8.90	AV	Ver
8*	17.894GHz	39.05	8.45	47.50	54.00	-6.50	AV	Ver

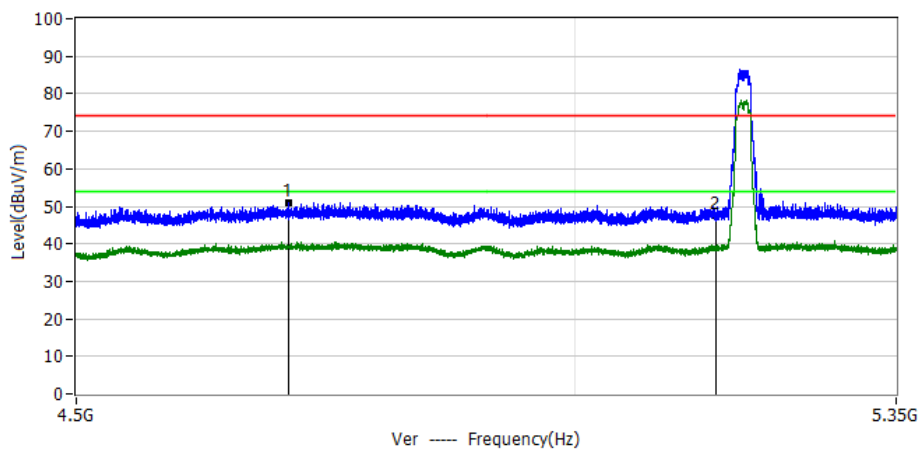


3.2.7 TEST RESULTS(Band edge Requirements)

Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 24.8°C
M/N: UW505	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-10
Test Mode: 802.11n20 5180	
Note:	



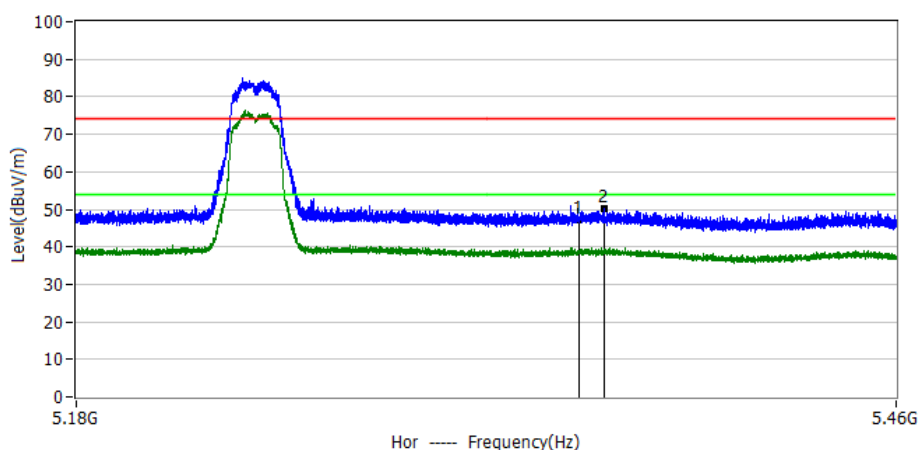
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	4.8282GHz	57.19	-6.01	51.18	74.00	-22.82	PK	Hor
2*	5.1500GHz	55.62	-6.62	49.00	74.00	-25.00	PK	Hor



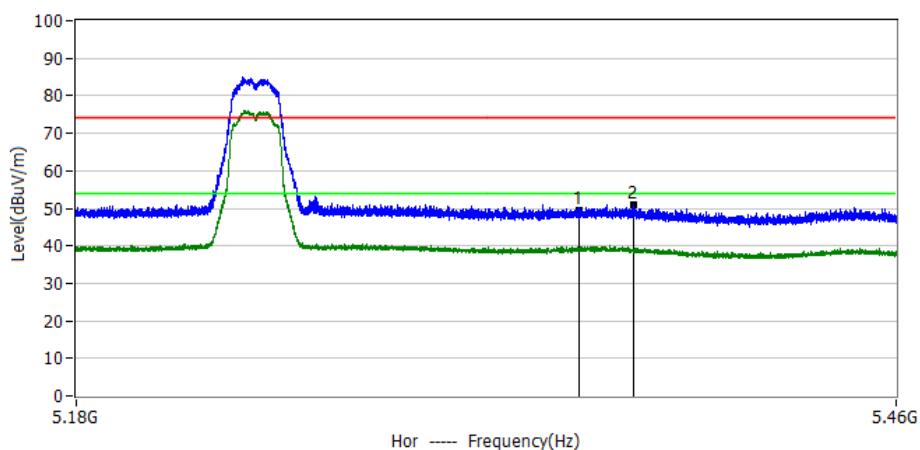
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	4.7057GHz	56.81	-5.91	50.90	74.00	-23.10	PK	Ver
2*	5.1500GHz	54.32	-6.62	47.70	74.00	-26.30	PK	Ver



Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 24.8°C
M/N: UW505	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-10
Test Mode: 802.11n20 5240	
Note:	



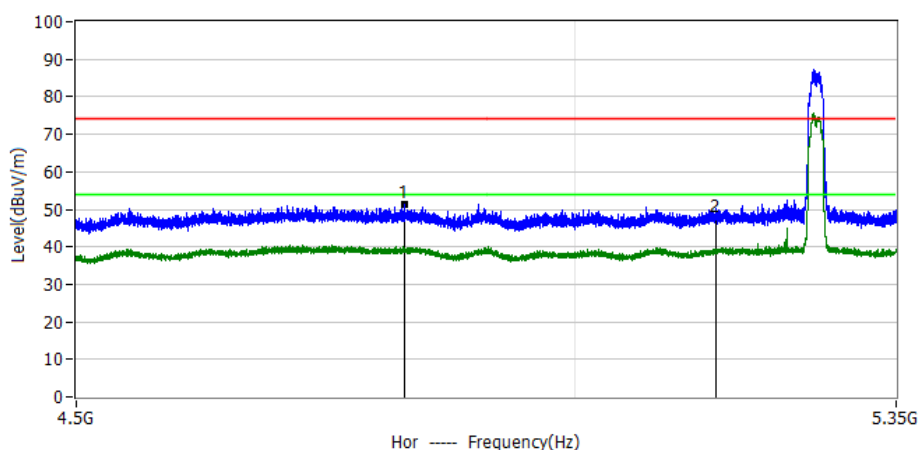
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	5.3500GHz	54.36	-7.26	47.10	74.00	-26.90	PK	Hor
2*	5.3585GHz	57.38	-7.29	50.09	74.00	-23.91	PK	Hor



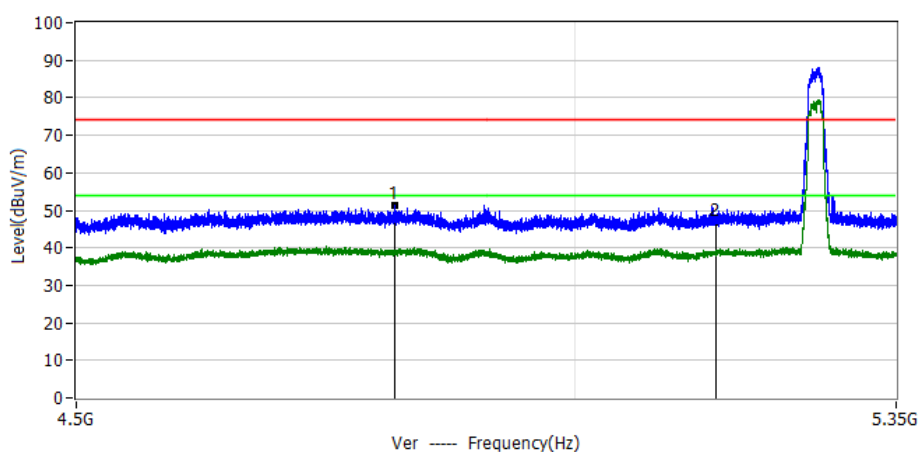
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	5.3500GHz	56.66	-7.26	49.40	74.00	-24.60	PK	Hor
2*	5.3685GHz	58.37	-7.32	51.05	74.00	-22.95	PK	Hor



Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 24.8°C
M/N: UW505	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-10
Test Mode: 802.11a 5260	
Note:	



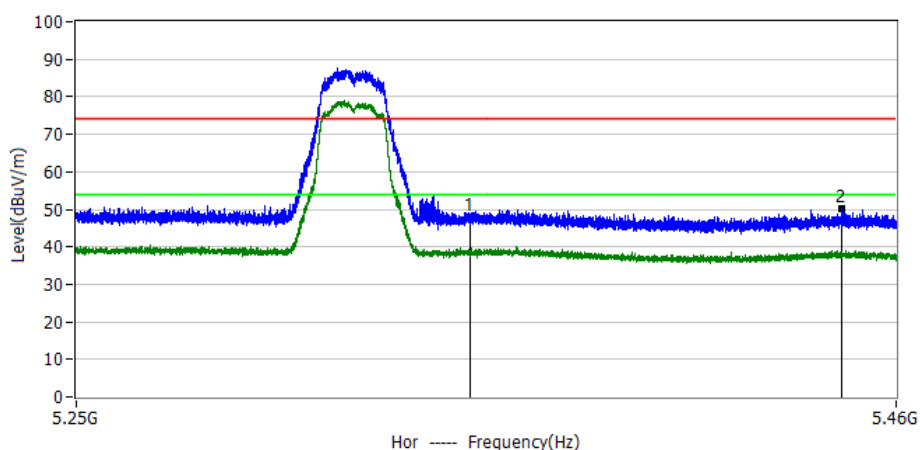
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	4.8230GHz	57.32	-6.00	51.32	74.00	-22.68	PK	Hor
2*	5.1500GHz	54.12	-6.62	47.50	74.00	-26.50	PK	Hor



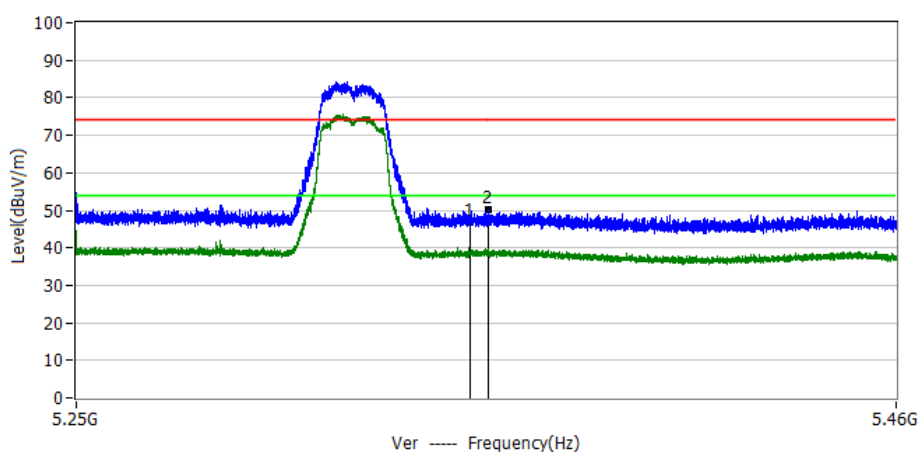
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	4.8123GHz	57.35	-6.00	51.35	74.00	-22.65	PK	Ver
2*	5.1500GHz	53.42	-6.62	46.80	74.00	-27.20	PK	Ver



Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 24.8°C
M/N: UW505	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-10
Test Mode: 802.11a 5320	
Note:	



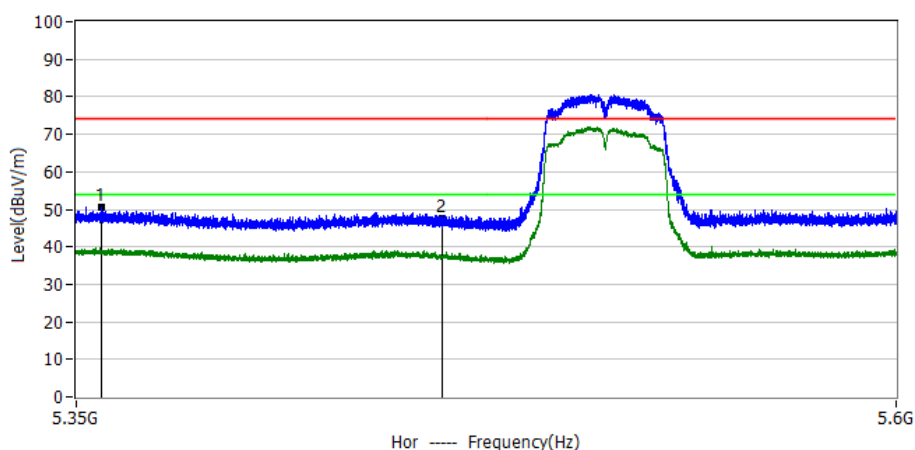
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	5.3500GHz	55.06	-7.26	47.80	74.00	-26.20	PK	Hor
2*	5.4458GHz	57.81	-7.57	50.24	74.00	-23.76	PK	Hor



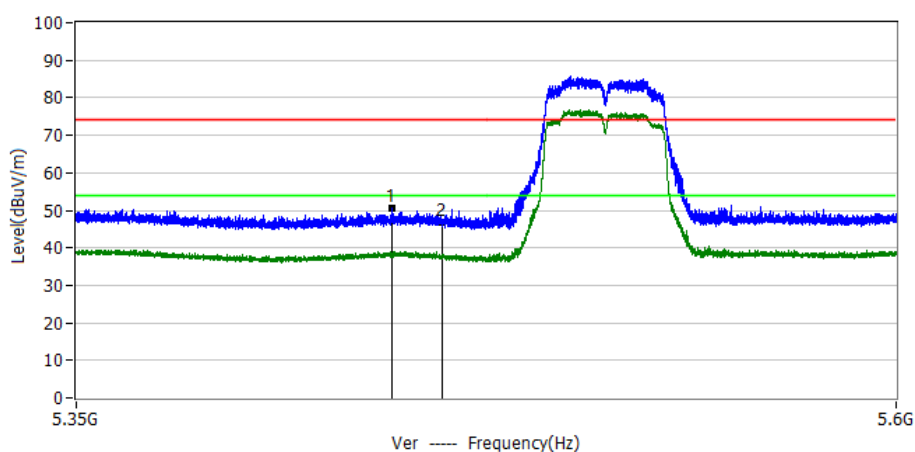
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	5.3500GHz	53.96	-7.26	46.70	74.00	-27.30	PK	Ver
2*	5.3546GHz	57.32	-7.27	50.05	74.00	-23.95	PK	Ver



Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 24.8°C
M/N: UW505	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-10
Test Mode: 802.11n40 5510	
Note:	



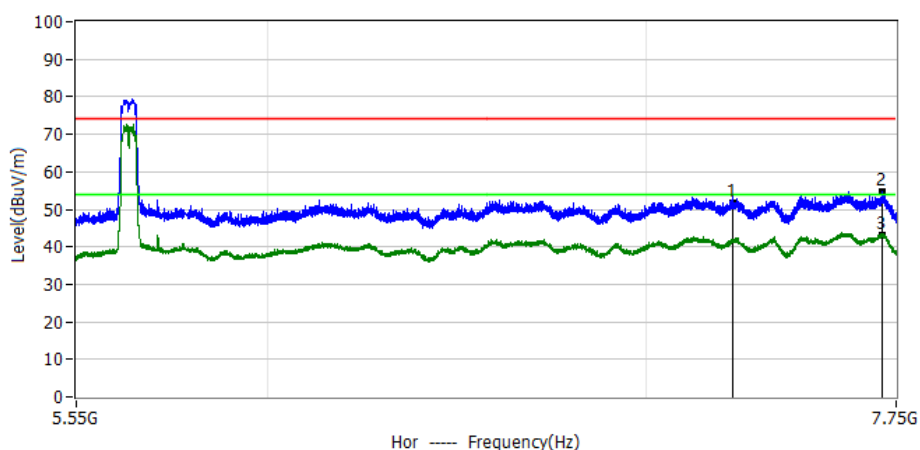
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	5.3576GHz	57.97	-7.28	50.69	74.00	-23.31	PK	Hor
2*	5.4600GHz	55.11	-7.61	47.50	74.00	-26.50	PK	Hor



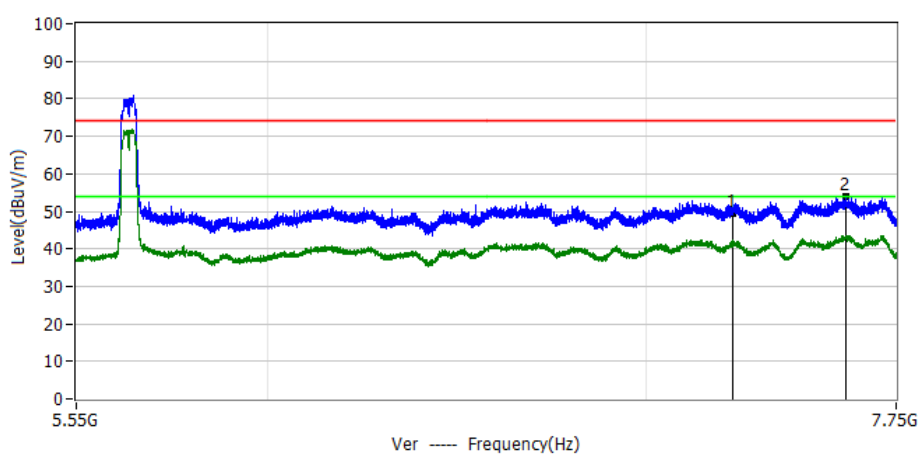
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	5.4451GHz	57.95	-7.56	50.39	74.00	-23.61	PK	Ver
2*	5.4600GHz	54.41	-7.61	46.80	74.00	-27.20	PK	Ver



Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 24.8°C
M/N: UW505	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-10
Test Mode: 802.11n40 5670	
Note:	



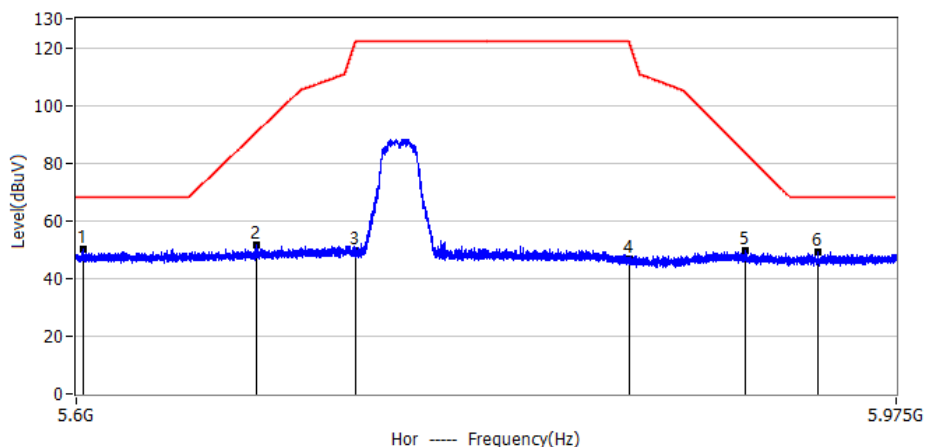
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	7.2500GHz	56.69	-4.99	51.70	74.00	-22.30	PK	Hor
2*	7.7060GHz	58.74	-4.17	54.57	74.00	-19.43	PK	Hor
3*	7.7060GHz	47.17	-4.17	43.00	54.00	-11.00	AV	Hor



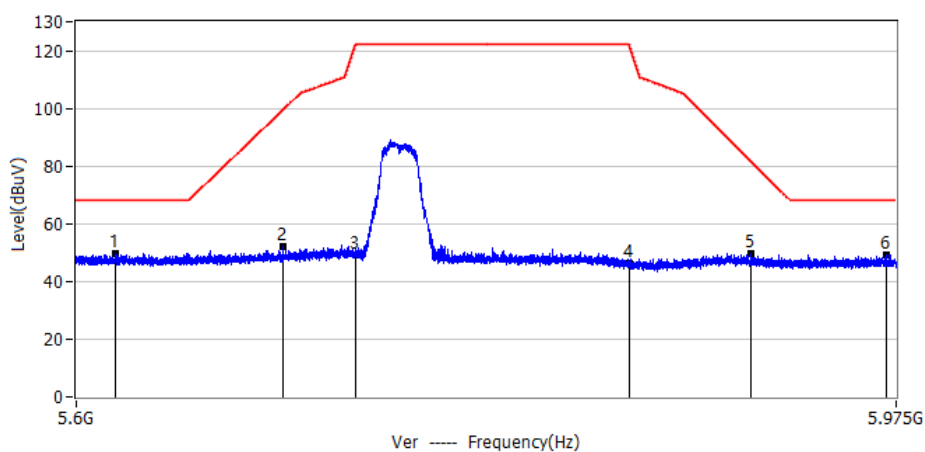
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	7.2500GHz	54.39	-4.99	49.40	74.00	-24.60	PK	Ver
2*	7.5908GHz	58.12	-4.24	53.88	74.00	-20.12	PK	Ver



Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 24.8°C
M/N: UW505	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-10
Test Mode: 802.11a 5745	
Note:	



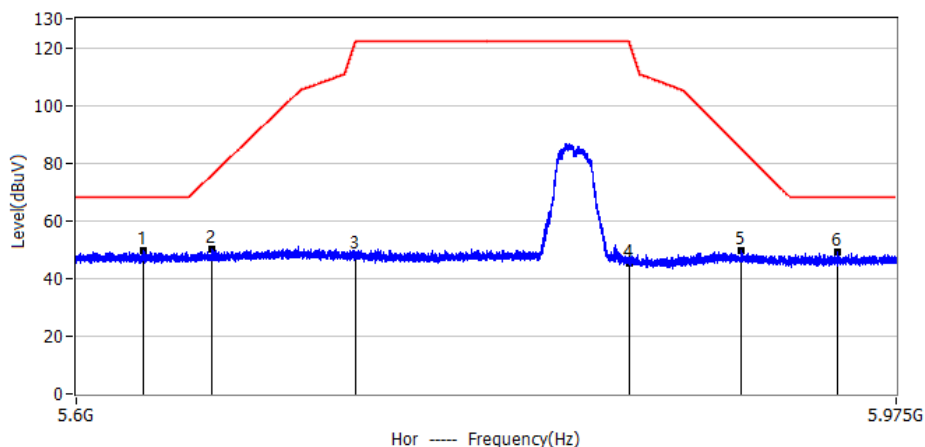
No.	Frequency	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Margin dB	Detector	Polar
1*	5.6033GHz	57.89	-7.70	50.19	68.20	-18.01	PK	Hor
2*	5.6801GHz	59.37	-7.67	51.70	90.49	-38.79	PK	Hor
3*	5.7250GHz	57.55	-7.65	49.90	122.20	-72.20	PK	Hor
4*	5.8500GHz	54.20	-7.60	46.60	122.20	-75.60	PK	Hor
5*	5.9039GHz	57.28	-7.58	49.70	83.78	-34.09	PK	Hor
6*	5.9383GHz	56.97	-7.56	49.41	68.20	-18.79	PK	Hor



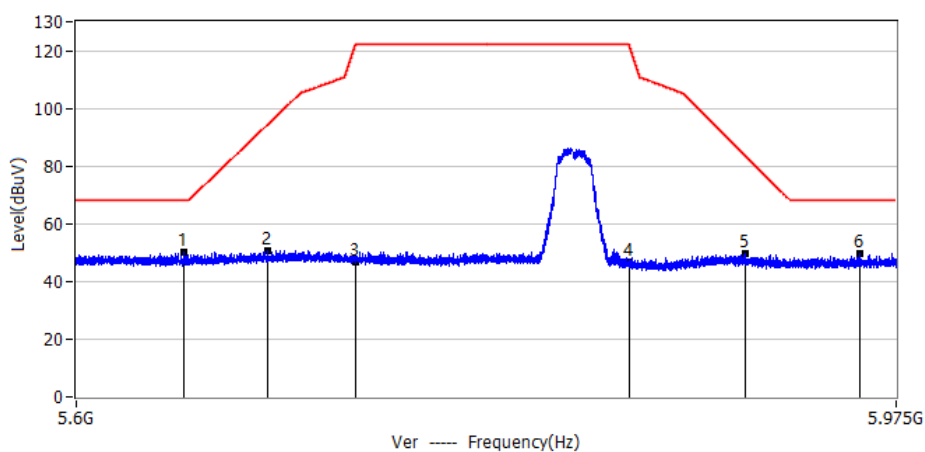
No.	Frequency	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Margin dB	Detector	Polar
1*	5.6172GHz	57.55	-7.69	49.86	68.20	-18.34	PK	Ver
2*	5.6923GHz	59.65	-7.66	51.99	99.56	-47.57	PK	Ver
3*	5.7250GHz	56.65	-7.65	49.00	122.20	-73.20	PK	Ver
4*	5.8500GHz	53.70	-7.60	46.10	122.20	-76.10	PK	Ver
5*	5.9065GHz	57.47	-7.58	49.89	81.84	-31.95	PK	Ver
6*	5.9704GHz	56.79	-7.55	49.24	68.20	-18.96	PK	Ver



Project: LGT23C062	Test Engineer: Dylan.shi
EUT: smart phone	Temperature: 24.8°C
M/N: UW505	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-04-10
Test Mode: 802.11a 5825	
Note:	



No.	Frequency	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Margin dB	Detector	Polar
1*	5.6300GHz	57.34	-7.69	49.65	68.20	-18.55	PK	Hor
2*	5.6605GHz	57.88	-7.68	50.20	75.97	-25.77	PK	Hor
3*	5.7250GHz	55.85	-7.65	48.20	122.20	-74.00	PK	Hor
4*	5.8500GHz	52.80	-7.60	45.20	122.20	-77.00	PK	Hor
5*	5.9021GHz	57.24	-7.58	49.66	85.13	-35.48	PK	Hor
6*	5.9476GHz	56.88	-7.56	49.32	68.20	-18.88	PK	Hor



No.	Frequency	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Margin dB	Detector	Polar
1*	5.6481GHz	57.64	-7.68	49.96	68.20	-18.24	PK	Ver
2*	5.6855GHz	58.47	-7.67	50.80	94.54	-43.73	PK	Ver
3*	5.7250GHz	54.15	-7.65	46.50	122.20	-75.70	PK	Ver
4*	5.8500GHz	54.10	-7.60	46.50	122.20	-75.70	PK	Ver
5*	5.9040GHz	57.47	-7.58	49.89	83.68	-33.79	PK	Ver
6*	5.9580GHz	57.33	-7.56	49.77	68.20	-18.43	PK	Ver



4. POWER SPECTRAL DENSITY TEST

4.1 LIMIT

1. For mobile and portable client devices in the 5.15-5.25 GHz band, , the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
2. 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. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
3. For the band 5.725-5.850 GHz, the peak power spectral density shall not exceed 30 dBm in any 500KHz band. If transmitting antenna directional gain is greater than 6 dBi, both the maximum conducted output power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

4.2 TEST PROCEDURE

1. The setting follows Method SA-1 of FCC KDB 789033 D02 General U-NII Test Procedures New Rules v02r01.

For devices operating in the band, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus a narrower RBW may need to be used. The rules permit the use of a RBWs less than 1 MHz, or 500 kHz, “provided that the measured power is integrated over the full reference bandwidth” to show the total power over the specified measurement bandwidth (*i.e.*, 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 KHz bandwidth, the following adjustments to the procedures apply:

- a) Set $RBW \geq 1/T$, where T is defined in section II.B.I.a).
- b) Set $VBW \geq 3 RBW$.
- c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10 \log (500\text{kHz}/RBW)$ to the measured result, whereas $RBW (< 500 \text{ kHz})$ is the reduced resolution bandwidth of the spectrum analyzer set during measurement.
- d) If measurement bandwidth of Maximum PSD is specified in 1 MHz, add $10 \log (1\text{MHz}/RBW)$ to the measured result, whereas $RBW (< 1 \text{ MHz})$ is the reduced resolution bandwidth of spectrum analyzer set during measurement.
- e) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

Note: As a practical matter, it is recommended to use reduced RBW of 100 kHz for the sections 5.c) and 5.d) above, since $RBW=100 \text{ KHz}$ is available on nearly all spectrum analyzers.

4.3 DEVIATION FROM STANDARD

No deviation.