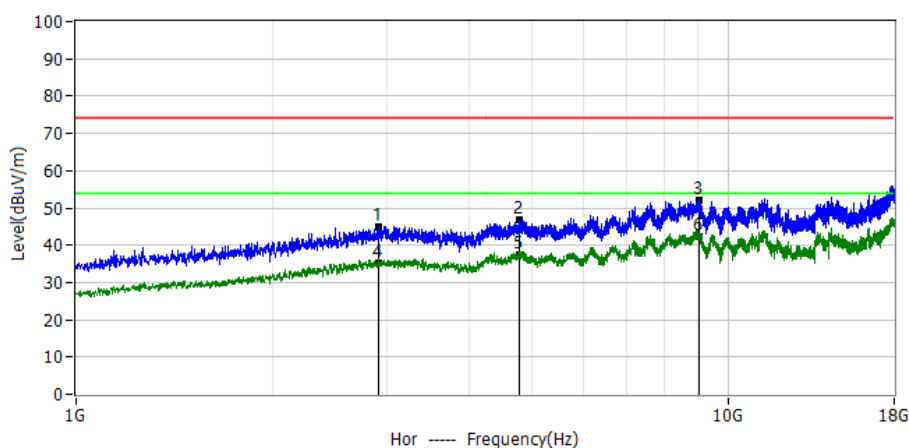
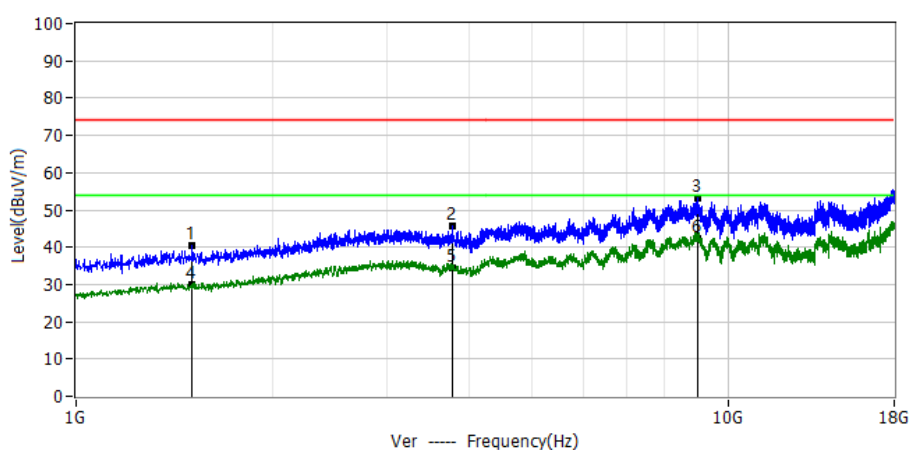




Project: LGT23B010	Test Engineer: Dylan.shi
EUT: Smart phone	Temperature: 24.6°C
M/N: Luna	Humidity: 47%RH
Test Voltage: Battery	Test Data: 2023-02-17
Test Mode: 802.11a 5200	
Note:	



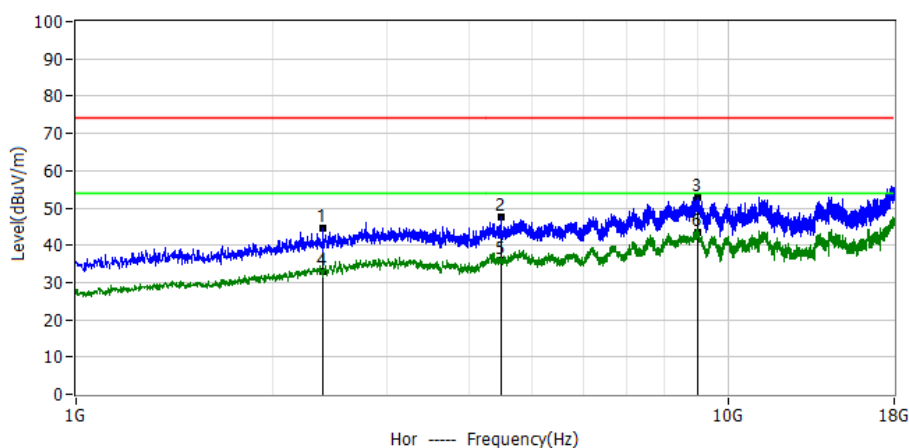
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.908GHz	53.86	-8.83	45.03	74.00	-28.97	PK	Hor
2*	4.797GHz	52.93	-5.98	46.95	74.00	-27.05	PK	Hor
3*	9.020GHz	53.23	-1.17	52.06	74.00	-21.94	PK	Hor
4*	2.908GHz	44.03	-8.83	35.20	54.00	-18.80	AV	Hor
5*	4.797GHz	43.58	-5.98	37.60	54.00	-16.40	AV	Hor
6*	9.020GHz	43.47	-1.17	42.30	54.00	-11.70	AV	Hor



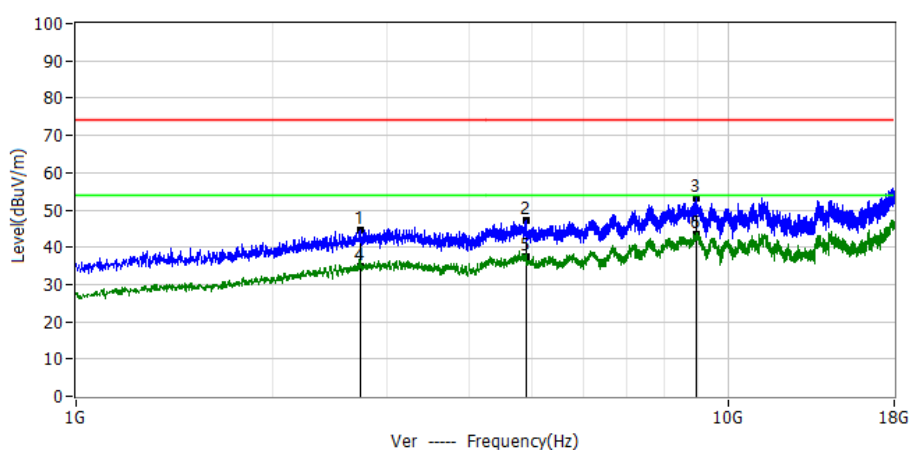
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.508GHz	61.40	-20.79	40.61	74.00	-33.39	PK	Ver
2*	3.780GHz	53.66	-8.15	45.51	74.00	-28.49	PK	Ver
3*	8.979GHz	54.50	-1.23	53.27	74.00	-20.73	PK	Ver
4*	1.508GHz	50.69	-20.79	29.90	54.00	-24.10	AV	Ver
5*	3.780GHz	42.75	-8.15	34.60	54.00	-19.40	AV	Ver
6*	8.979GHz	43.63	-1.23	42.40	54.00	-11.60	AV	Ver



Project: LGT23B010	Test Engineer: Dylan.shi
EUT: Smart phone	Temperature: 24.6°C
M/N: Luna	Humidity: 47%RH
Test Voltage: Battery	Test Data: 2023-02-17
Test Mode: 802.11a 5240	
Note:	



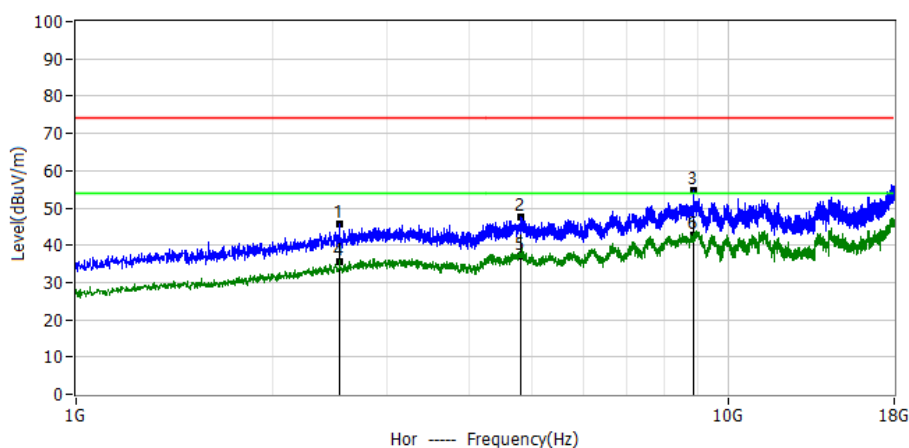
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.396GHz	56.47	-12.07	44.40	74.00	-29.60	PK	Hor
2*	4.489GHz	53.24	-5.80	47.44	74.00	-26.56	PK	Hor
3*	9.009GHz	53.92	-1.17	52.75	74.00	-21.25	PK	Hor
4*	2.396GHz	44.87	-12.07	32.80	54.00	-21.20	AV	Hor
5*	4.489GHz	41.70	-5.80	35.90	54.00	-18.10	AV	Hor
6*	9.009GHz	44.47	-1.17	43.30	54.00	-10.70	AV	Hor



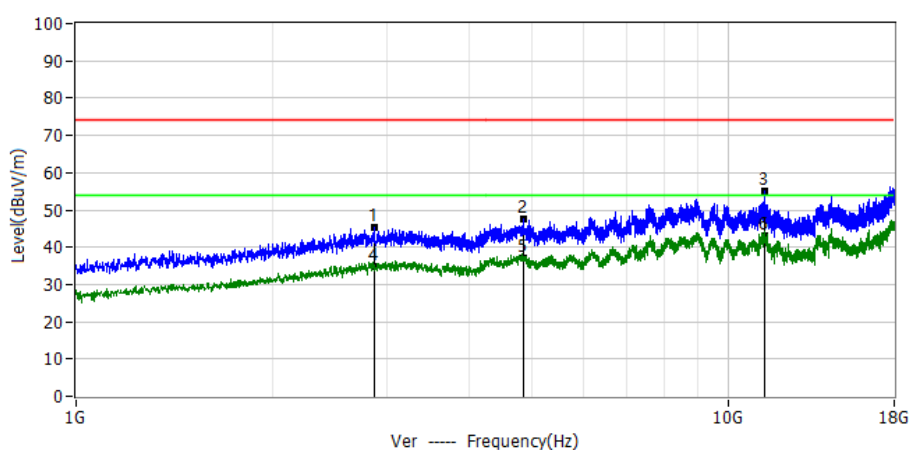
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.728GHz	54.48	-9.78	44.70	74.00	-29.30	PK	Ver
2*	4.895GHz	53.12	-6.06	47.06	74.00	-26.94	PK	Ver
3*	8.931GHz	54.50	-1.37	53.13	74.00	-20.87	PK	Ver
4*	2.728GHz	44.78	-9.78	35.00	54.00	-19.00	AV	Ver
5*	4.895GHz	43.36	-6.06	37.30	54.00	-16.70	AV	Ver
6*	8.931GHz	44.67	-1.37	43.30	54.00	-10.70	AV	Ver



Project: LGT23B010	Test Engineer: Dylan.shi
EUT: Smart phone	Temperature: 24.6°C
M/N: Luna	Humidity: 47%RH
Test Voltage: Battery	Test Data: 2023-02-17
Test Mode: 802.11a 5260	
Note:	



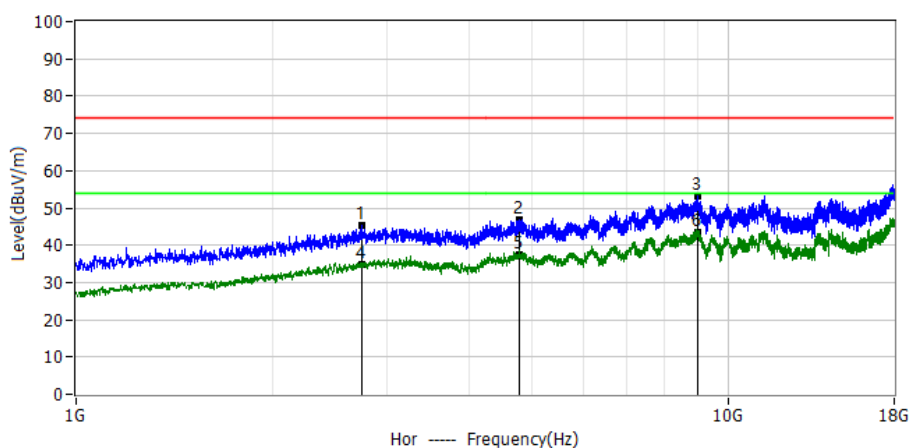
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.536GHz	56.43	-10.79	45.64	74.00	-28.36	PK	Hor
2*	4.806GHz	53.39	-5.99	47.40	74.00	-26.60	PK	Hor
3*	8.869GHz	56.09	-1.54	54.55	74.00	-19.45	PK	Hor
4*	2.536GHz	46.39	-10.79	35.60	54.00	-18.40	AV	Hor
5*	4.806GHz	43.09	-5.99	37.10	54.00	-16.90	AV	Hor
6*	8.869GHz	44.14	-1.54	42.60	54.00	-11.40	AV	Hor



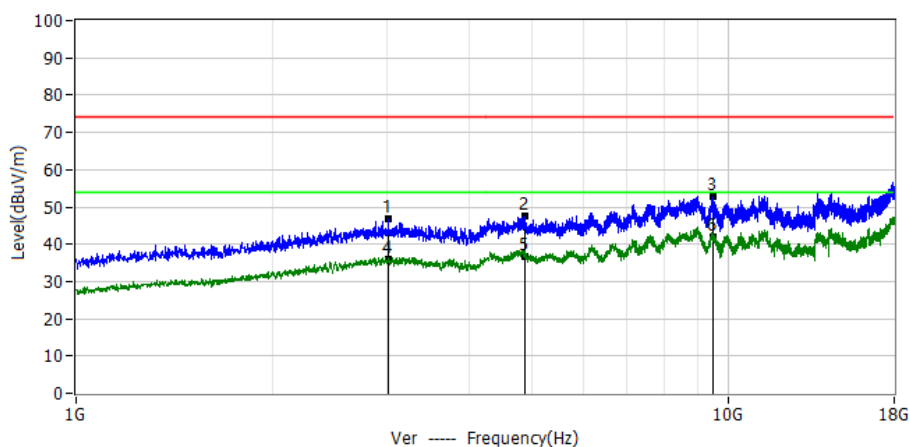
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.866GHz	54.55	-9.05	45.50	74.00	-28.50	PK	Ver
2*	4.868GHz	53.55	-6.04	47.51	74.00	-26.49	PK	Ver
3*	11.391GHz	53.21	1.86	55.07	74.00	-18.93	PK	Ver
4*	2.866GHz	43.85	-9.05	34.80	54.00	-19.20	AV	Ver
5*	4.868GHz	42.94	-6.04	36.90	54.00	-17.10	AV	Ver
6*	11.391GHz	41.14	1.86	43.00	54.00	-11.00	AV	Ver



Project: LGT23B010	Test Engineer: Dylan.shi
EUT: Smart phone	Temperature: 24.6°C
M/N: Luna	Humidity: 47%RH
Test Voltage: Battery	Test Data: 2023-02-17
Test Mode: 802.11a 5300	
Note:	



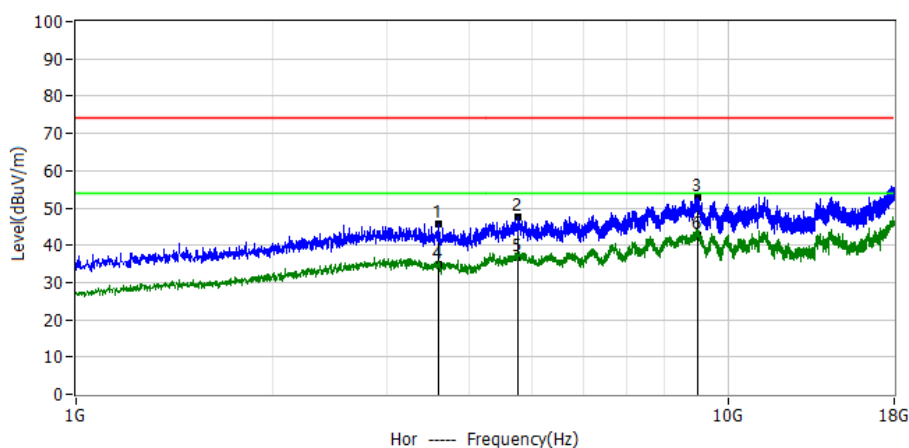
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.747GHz	54.86	-9.68	45.18	74.00	-28.82	PK	Hor
2*	4.785GHz	52.90	-5.97	46.93	74.00	-27.07	PK	Hor
3*	9.001GHz	54.19	-1.17	53.02	74.00	-20.98	PK	Hor
4*	2.747GHz	44.38	-9.68	34.70	54.00	-19.30	AV	Hor
5*	4.785GHz	43.57	-5.97	37.60	54.00	-16.40	AV	Hor
6*	9.001GHz	44.47	-1.17	43.30	54.00	-10.70	AV	Hor



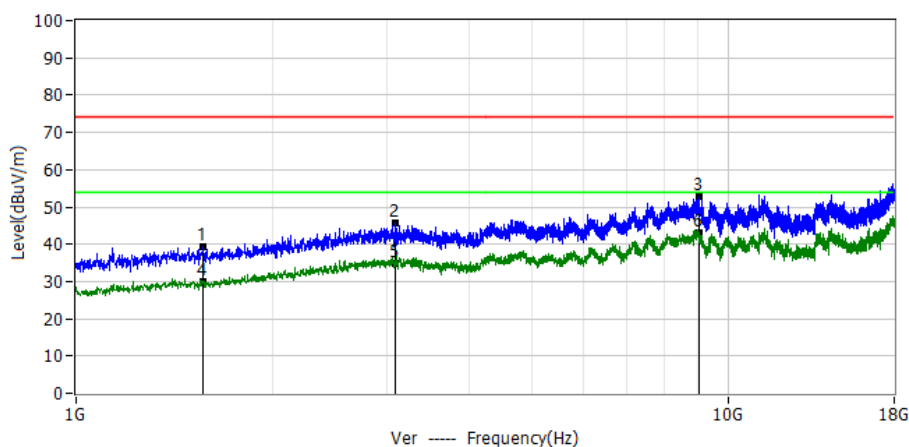
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	3.010GHz	55.05	-8.34	46.71	74.00	-27.29	PK	Ver
2*	4.882GHz	53.70	-6.05	47.65	74.00	-26.35	PK	Ver
3*	9.468GHz	54.00	-1.17	52.83	74.00	-21.17	PK	Ver
4*	3.010GHz	44.34	-8.34	36.00	54.00	-18.00	AV	Ver
5*	4.882GHz	42.75	-6.05	36.70	54.00	-17.30	AV	Ver
6*	9.468GHz	43.17	-1.17	42.00	54.00	-12.00	AV	Ver



Project: LGT23B010	Test Engineer: Dylan.shi
EUT: Smart phone	Temperature: 24.6°C
M/N: Luna	Humidity: 47%RH
Test Voltage: Battery	Test Data: 2023-02-17
Test Mode: 802.11a 5320	
Note:	



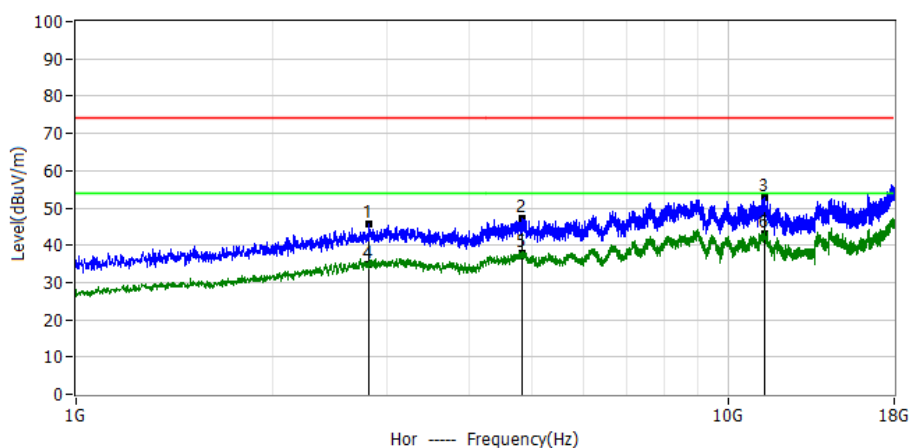
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	3.605GHz	54.02	-8.37	45.65	74.00	-28.35	PK	Hor
2*	4.770GHz	53.38	-5.96	47.42	74.00	-26.58	PK	Hor
3*	8.990GHz	54.04	-1.20	52.84	74.00	-21.16	PK	Hor
4*	3.605GHz	43.27	-8.37	34.90	54.00	-19.10	AV	Hor
5*	4.770GHz	42.76	-5.96	36.80	54.00	-17.20	AV	Hor
6*	8.990GHz	44.00	-1.20	42.80	54.00	-11.20	AV	Hor



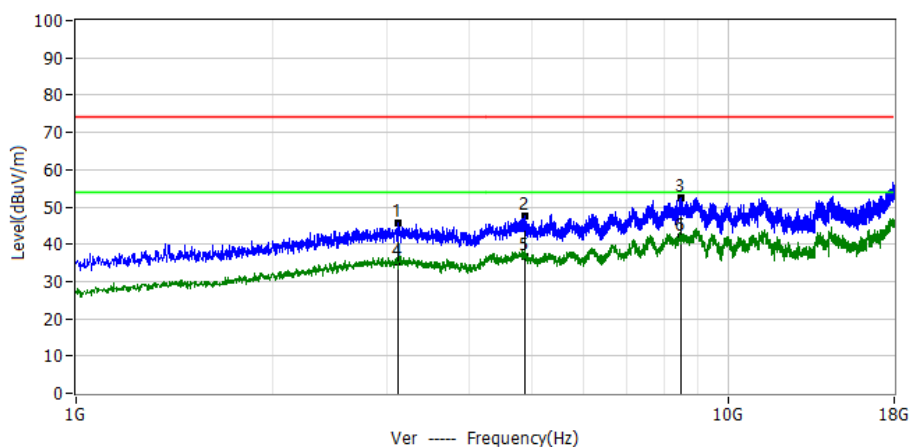
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.567GHz	59.75	-20.39	39.36	74.00	-34.64	PK	Ver
2*	3.095GHz	54.11	-8.37	45.74	74.00	-28.26	PK	Ver
3*	9.024GHz	54.02	-1.17	52.85	74.00	-21.15	PK	Ver
4*	1.567GHz	50.39	-20.39	30.00	54.00	-24.00	AV	Ver
5*	3.095GHz	43.07	-8.37	34.70	54.00	-19.30	AV	Ver
6*	9.024GHz	44.37	-1.17	43.20	54.00	-10.80	AV	Ver



Project: LGT23B010	Test Engineer: Dylan.shi
EUT: Smart phone	Temperature: 24.6°C
M/N: Luna	Humidity: 47%RH
Test Voltage: Battery	Test Data: 2023-02-17
Test Mode: 802.11a 5500	
Note:	



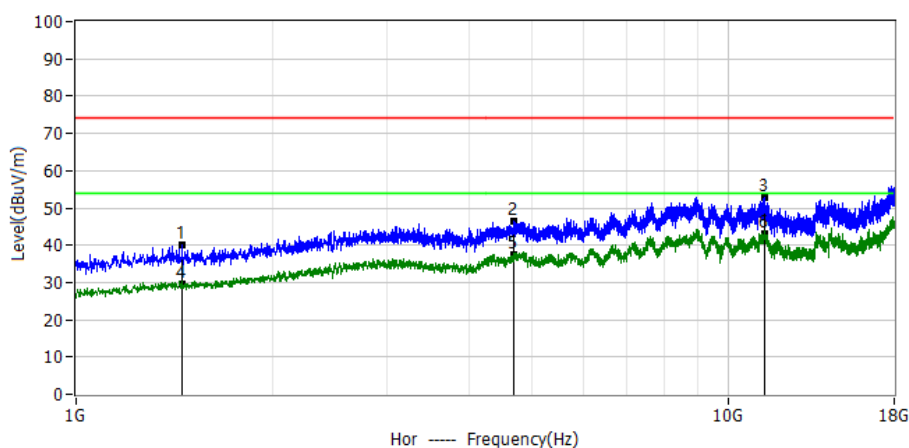
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.819GHz	55.13	-9.30	45.83	74.00	-28.17	PK	Hor
2*	4.831GHz	53.37	-6.01	47.36	74.00	-26.64	PK	Hor
3*	11.398GHz	50.82	1.86	52.68	74.00	-21.32	PK	Hor
4*	2.819GHz	44.30	-9.30	35.00	54.00	-19.00	AV	Hor
5*	4.831GHz	43.91	-6.01	37.90	54.00	-16.10	AV	Hor
6*	11.398GHz	41.14	1.86	43.00	54.00	-11.00	AV	Hor



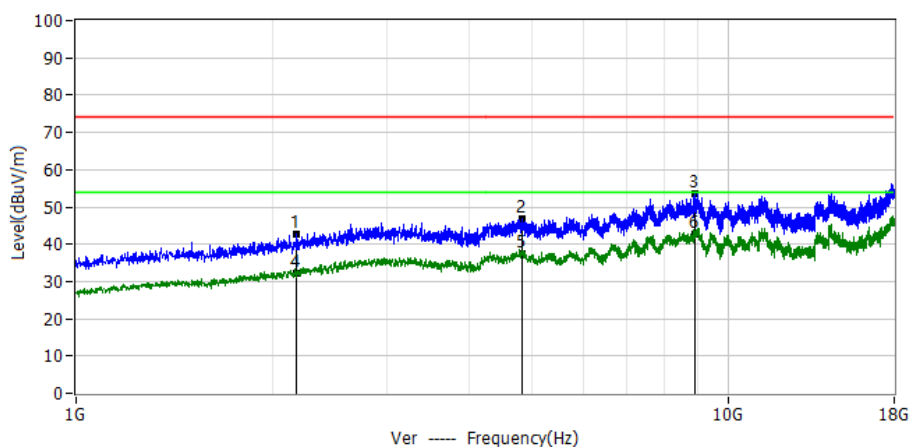
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	3.125GHz	54.06	-8.38	45.68	74.00	-28.32	PK	Ver
2*	4.889GHz	53.64	-6.05	47.59	74.00	-26.41	PK	Ver
3*	8.455GHz	55.32	-2.71	52.61	74.00	-21.39	PK	Ver
4*	3.125GHz	43.58	-8.38	35.20	54.00	-18.80	AV	Ver
5*	4.889GHz	42.65	-6.05	36.60	54.00	-17.40	AV	Ver
6*	8.455GHz	44.61	-2.71	41.90	54.00	-12.10	AV	Ver



Project: LGT23B010	Test Engineer: Dylan.shi
EUT: Smart phone	Temperature: 24.6°C
M/N: Luna	Humidity: 47%RH
Test Voltage: Battery	Test Data: 2023-02-17
Test Mode: 802.11a 5580	
Note:	



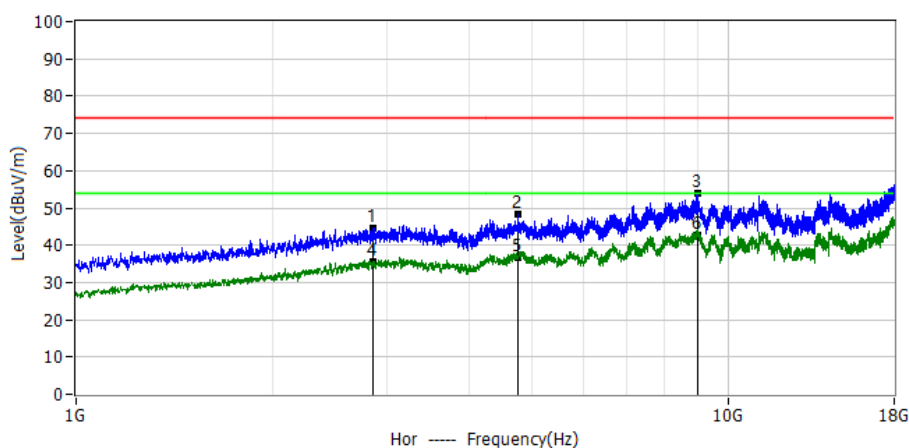
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.453GHz	61.03	-21.10	39.93	74.00	-34.07	PK	Hor
2*	4.702GHz	52.45	-5.91	46.54	74.00	-27.46	PK	Hor
3*	11.393GHz	50.91	1.86	52.77	74.00	-21.23	PK	Hor
4*	1.453GHz	50.60	-21.10	29.50	54.00	-24.50	AV	Hor
5*	4.702GHz	43.51	-5.91	37.60	54.00	-16.40	AV	Hor
6*	11.393GHz	41.04	1.86	42.90	54.00	-11.10	AV	Hor



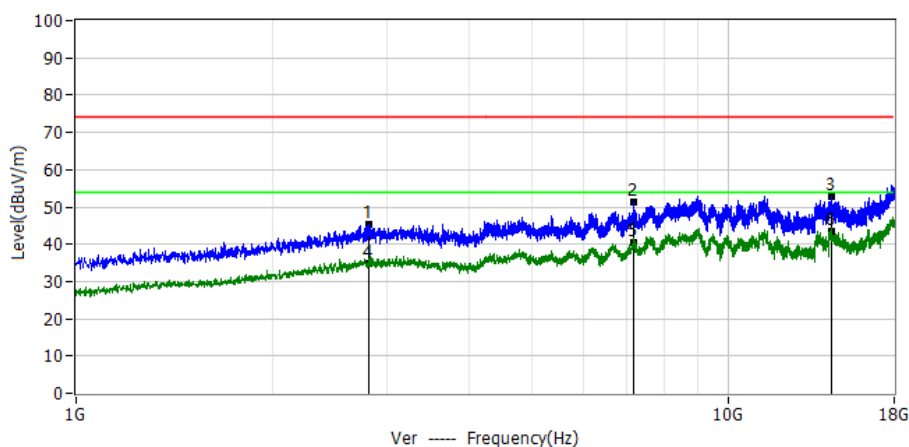
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.179GHz	57.06	-14.35	42.71	74.00	-31.29	PK	Ver
2*	4.823GHz	52.80	-6.00	46.80	74.00	-27.20	PK	Ver
3*	8.890GHz	55.08	-1.48	53.60	74.00	-20.40	PK	Ver
4*	2.179GHz	46.55	-14.35	32.20	54.00	-21.80	AV	Ver
5*	4.823GHz	43.40	-6.00	37.40	54.00	-16.60	AV	Ver
6*	8.890GHz	44.18	-1.48	42.70	54.00	-11.30	AV	Ver



Project: LGT23B010	Test Engineer: Dylan.shi
EUT: Smart phone	Temperature: 24.6°C
M/N: Luna	Humidity: 47%RH
Test Voltage: Battery	Test Data: 2023-02-17
Test Mode: 802.11a 5700	
Note:	



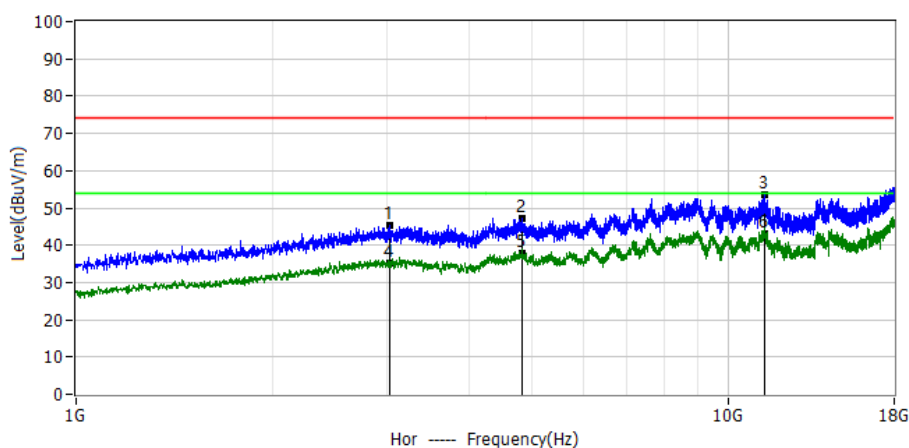
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.857GHz	53.85	-9.10	44.75	74.00	-29.25	PK	Hor
2*	4.774GHz	54.14	-5.97	48.17	74.00	-25.83	PK	Hor
3*	9.005GHz	54.99	-1.17	53.82	74.00	-20.18	PK	Hor
4*	2.857GHz	44.60	-9.10	35.50	54.00	-18.50	AV	Hor
5*	4.774GHz	42.77	-5.97	36.80	54.00	-17.20	AV	Hor
6*	9.005GHz	43.87	-1.17	42.70	54.00	-11.30	AV	Hor



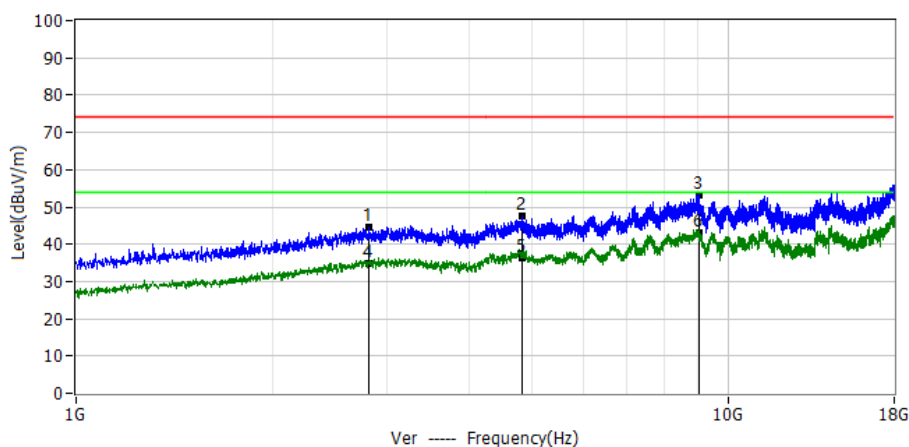
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.808GHz	54.55	-9.35	45.20	74.00	-28.80	PK	Ver
2*	7.180GHz	56.60	-5.19	51.41	74.00	-22.59	PK	Ver
3*	14.422GHz	47.08	5.91	52.99	74.00	-21.01	PK	Ver
4*	2.808GHz	44.05	-9.35	34.70	54.00	-19.30	AV	Ver
5*	7.180GHz	45.49	-5.19	40.30	54.00	-13.70	AV	Ver
6*	14.422GHz	37.49	5.91	43.40	54.00	-10.60	AV	Ver



Project: LGT23B010	Test Engineer: Dylan.shi
EUT: Smart phone	Temperature: 24.6°C
M/N: Luna	Humidity: 47%RH
Test Voltage: Battery	Test Data: 2023-02-17
Test Mode: 802.11a 5745	
Note:	



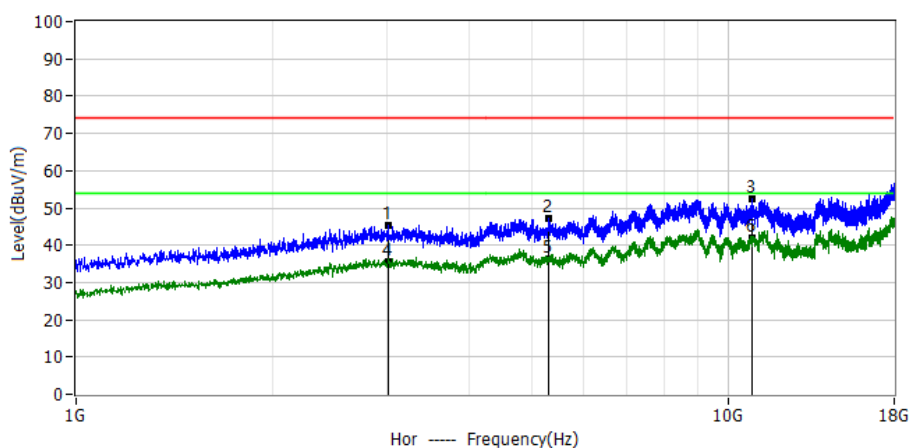
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	3.021GHz	53.53	-8.35	45.18	74.00	-28.82	PK	Hor
2*	4.842GHz	53.30	-6.02	47.28	74.00	-26.72	PK	Hor
3*	11.393GHz	51.58	1.86	53.44	74.00	-20.56	PK	Hor
4*	3.021GHz	43.55	-8.35	35.20	54.00	-18.80	AV	Hor
5*	4.842GHz	43.92	-6.02	37.90	54.00	-16.10	AV	Hor
6*	11.393GHz	41.24	1.86	43.10	54.00	-10.90	AV	Hor



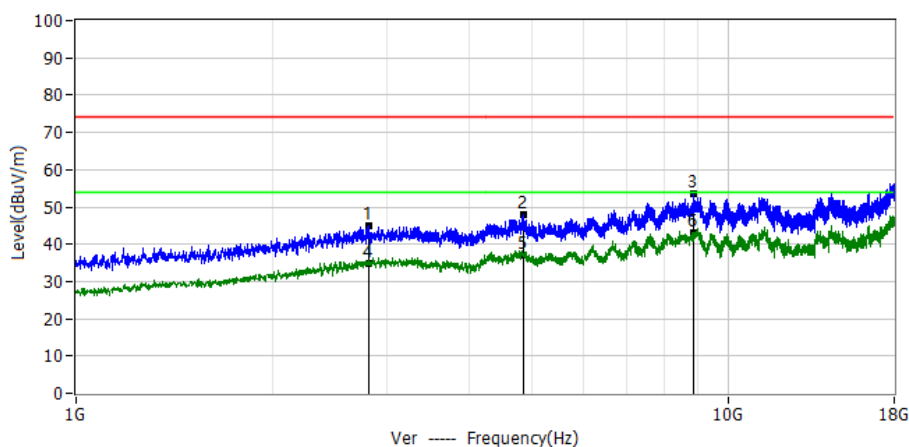
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.817GHz	54.04	-9.31	44.73	74.00	-29.27	PK	Ver
2*	4.827GHz	53.71	-6.01	47.70	74.00	-26.30	PK	Ver
3*	9.013GHz	54.51	-1.17	53.34	74.00	-20.66	PK	Ver
4*	2.817GHz	44.11	-9.31	34.80	54.00	-19.20	AV	Ver
5*	4.827GHz	42.41	-6.01	36.40	54.00	-17.60	AV	Ver
6*	9.013GHz	44.37	-1.17	43.20	54.00	-10.80	AV	Ver



Project: LGT23B010	Test Engineer: Dylan.shi
EUT: Smart phone	Temperature: 24.6°C
M/N: Luna	Humidity: 47%RH
Test Voltage: Battery	Test Data: 2023-02-17
Test Mode: 802.11a 5785	
Note:	



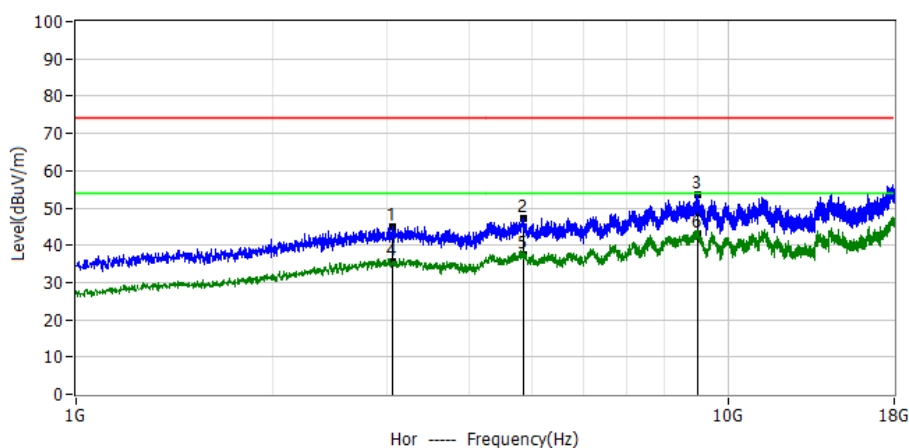
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	3.015GHz	53.53	-8.34	45.19	74.00	-28.81	PK	Hor
2*	5.305GHz	54.41	-7.12	47.29	74.00	-26.71	PK	Hor
3*	10.911GHz	50.90	1.38	52.28	74.00	-21.72	PK	Hor
4*	3.015GHz	44.04	-8.34	35.70	54.00	-18.30	AV	Hor
5*	5.305GHz	43.62	-7.12	36.50	54.00	-17.50	AV	Hor
6*	10.911GHz	40.42	1.38	41.80	54.00	-12.20	AV	Hor



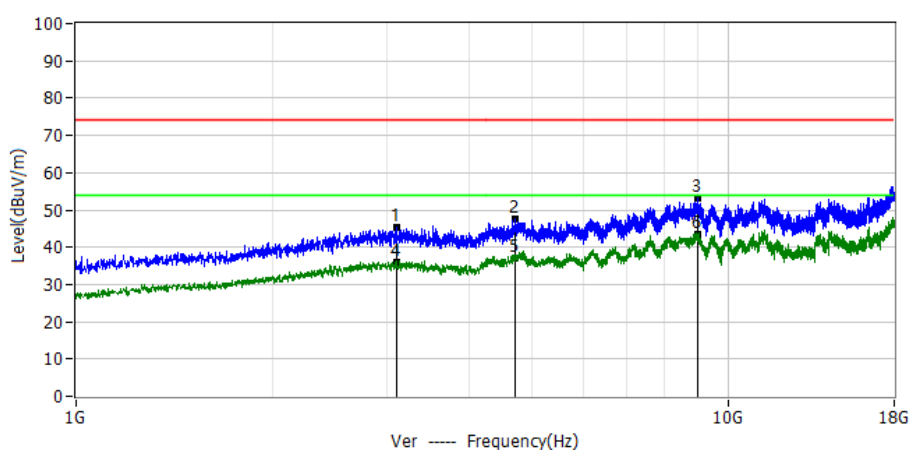
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.817GHz	54.44	-9.31	45.13	74.00	-28.87	PK	Ver
2*	4.859GHz	53.86	-6.03	47.83	74.00	-26.17	PK	Ver
3*	8.875GHz	54.94	-1.52	53.42	74.00	-20.58	PK	Ver
4*	2.817GHz	44.11	-9.31	34.80	54.00	-19.20	AV	Ver
5*	4.859GHz	43.23	-6.03	37.20	54.00	-16.80	AV	Ver
6*	8.875GHz	44.42	-1.52	42.90	54.00	-11.10	AV	Ver



Project: LGT23B010	Test Engineer: Dylan.shi
EUT: Smart phone	Temperature: 24.6°C
M/N: Luna	Humidity: 47%RH
Test Voltage: Battery	Test Data: 2023-02-17
Test Mode: 802.11a 5825	
Note:	



No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	3.055GHz	53.43	-8.36	45.07	74.00	-28.93	PK	Hor
2*	4.851GHz	53.30	-6.02	47.28	74.00	-26.72	PK	Hor
3*	8.986GHz	54.86	-1.21	53.65	74.00	-20.35	PK	Hor
4*	3.055GHz	43.86	-8.36	35.50	54.00	-18.50	AV	Hor
5*	4.851GHz	43.42	-6.02	37.40	54.00	-16.60	AV	Hor
6*	8.986GHz	44.41	-1.21	43.20	54.00	-10.80	AV	Hor

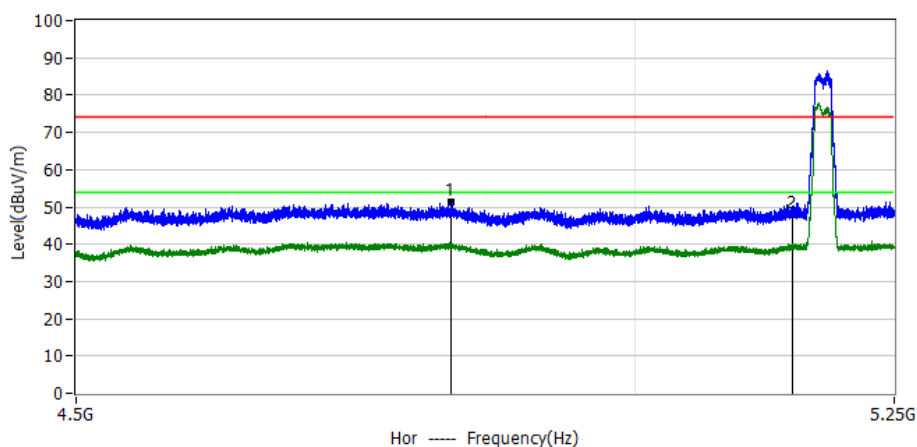


No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	3.097GHz	53.66	-8.37	45.29	74.00	-28.71	PK	Ver
2*	4.727GHz	53.41	-5.93	47.48	74.00	-26.52	PK	Ver
3*	8.999GHz	54.37	-1.17	53.20	74.00	-20.80	PK	Ver
4*	3.097GHz	44.37	-8.37	36.00	54.00	-18.00	AV	Ver
5*	4.727GHz	42.93	-5.93	37.00	54.00	-17.00	AV	Ver
6*	8.999GHz	44.67	-1.17	43.50	54.00	-10.50	AV	Ver

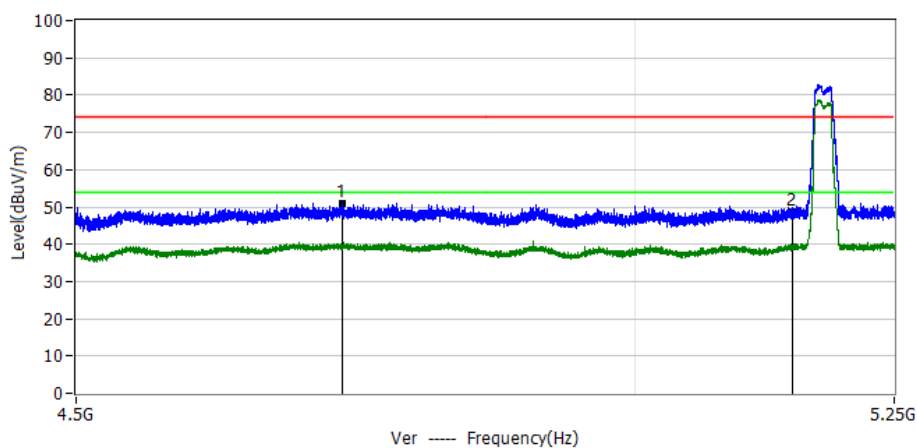


3.2.7 TEST RESULTS(Band edge Requirements)

Project: LGT23B010	Test Engineer: Dylan.shi
EUT: Smart phone	Temperature: 24.8°C
M/N: Luna	Humidity: 45%RH
Test Voltage: Battery	Test Data: 2023-03-11
Test Mode: 802.11a 5180	
Note:	



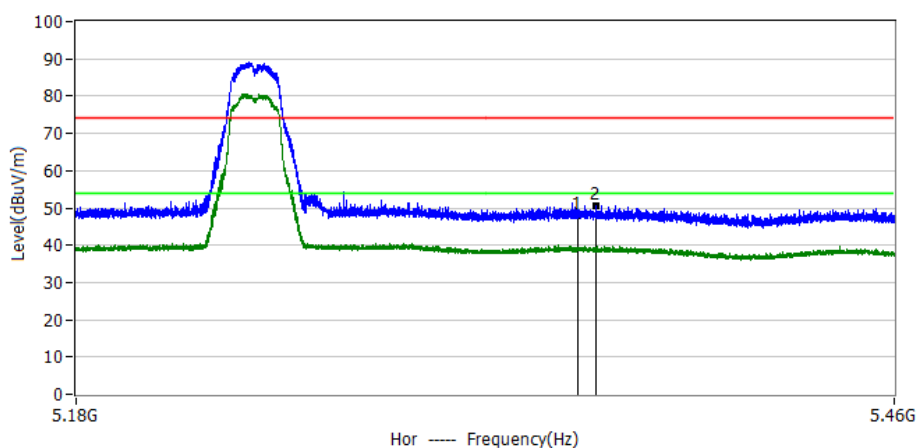
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	4.830GHz	57.30	-6.01	51.29	74.00	-22.71	PK	Hor
2*	5.150GHz	54.42	-6.62	47.80	74.00	-26.20	PK	Hor



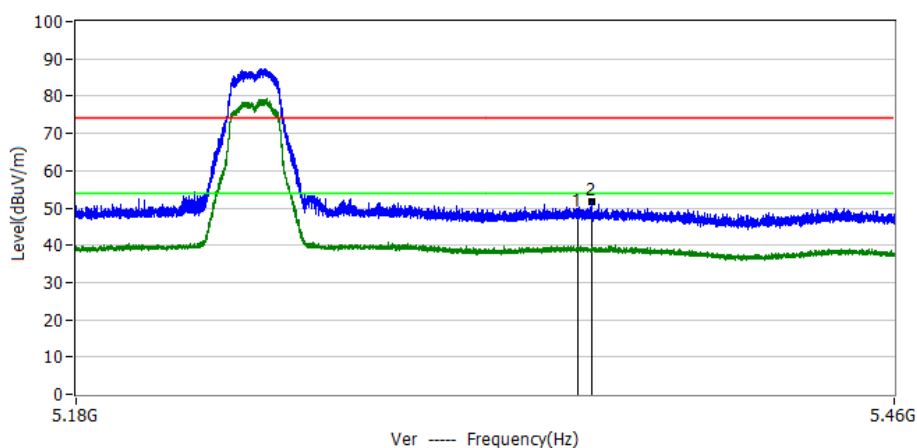
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	4.732GHz	56.95	-5.93	51.02	74.00	-22.98	PK	Ver
2*	5.150GHz	55.22	-6.62	48.60	74.00	-25.40	PK	Ver



Project: LGT23B010	Test Engineer: Dylan.shi
EUT: Smart phone	Temperature: 24.8°C
M/N: Luna	Humidity: 45%RH
Test Voltage: Battery	Test Data: 2023-03-11
Test Mode: 802.11a 5240	
Note:	



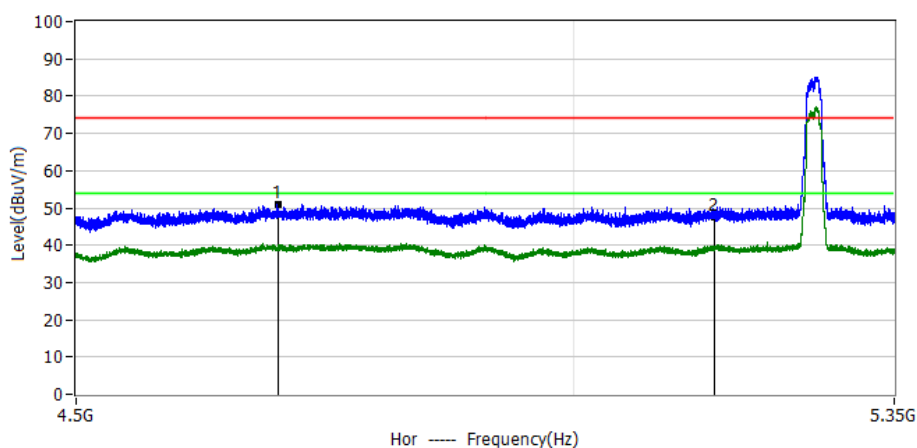
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	5.350GHz	55.36	-7.26	48.10	74.00	-25.90	PK	Hor
2*	5.356GHz	58.02	-7.28	50.74	74.00	-23.26	PK	Hor



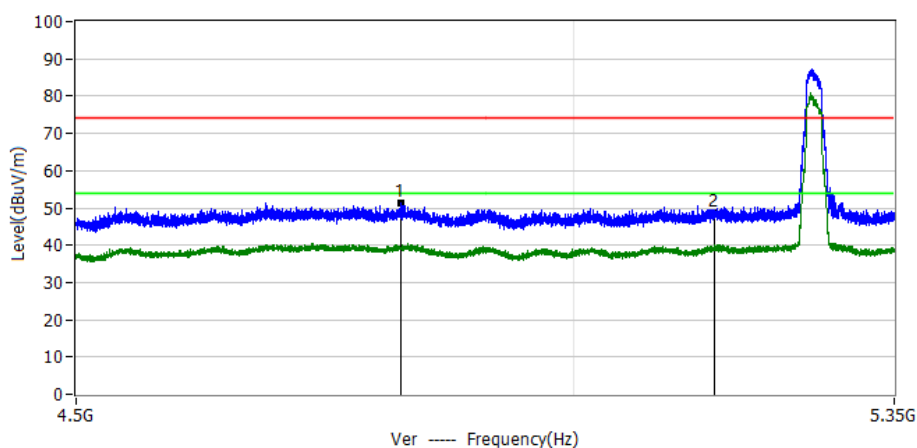
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	5.350GHz	55.86	-7.26	48.60	74.00	-25.40	PK	Ver
2*	5.355GHz	58.95	-7.28	51.67	74.00	-22.33	PK	Ver



Project: LGT23B010	Test Engineer: Dylan.shi
EUT: Smart phone	Temperature: 24.8°C
M/N: Luna	Humidity: 45%RH
Test Voltage: Battery	Test Data: 2023-03-11
Test Mode: 802.11a 5260	
Note:	



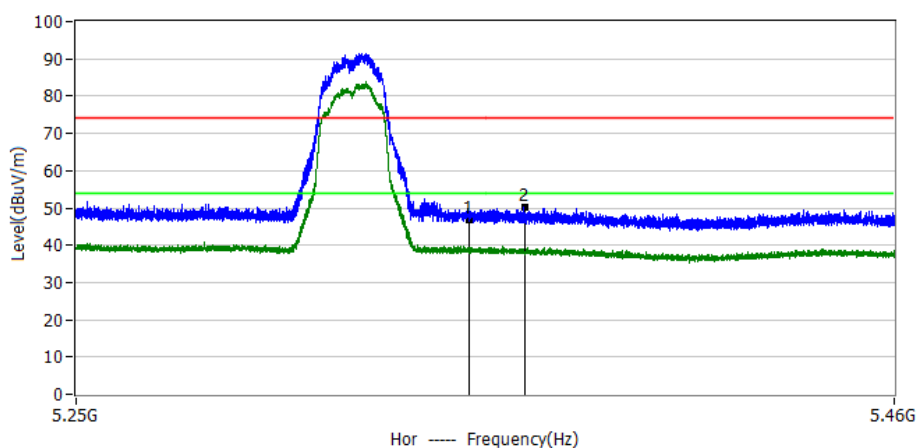
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	4.696GHz	56.75	-5.91	50.84	74.00	-23.16	PK	Hor
2*	5.150GHz	54.32	-6.62	47.70	74.00	-26.30	PK	Hor



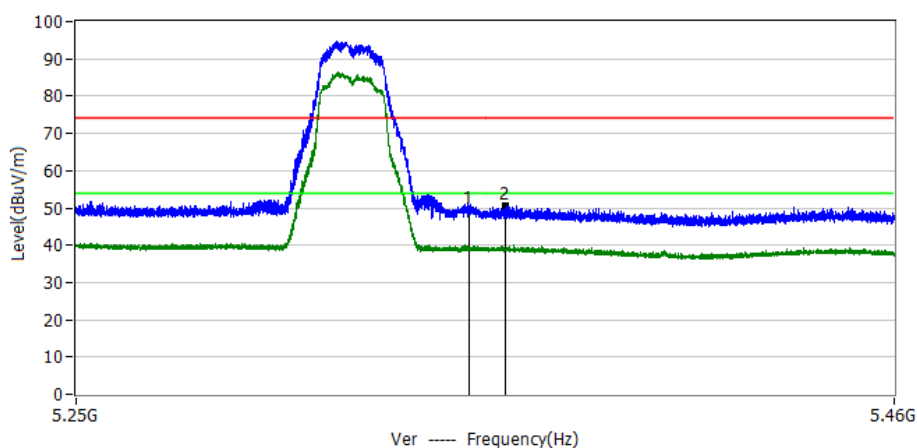
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	4.820GHz	57.29	-6.00	51.29	74.00	-22.71	PK	Ver
2*	5.150GHz	55.22	-6.62	48.60	74.00	-25.40	PK	Ver



Project: LGT23B010	Test Engineer: Dylan.shi
EUT: Smart phone	Temperature: 24.8°C
M/N: Luna	Humidity: 45%RH
Test Voltage: Battery	Test Data: 2023-03-11
Test Mode: 802.11a 5320	
Note:	



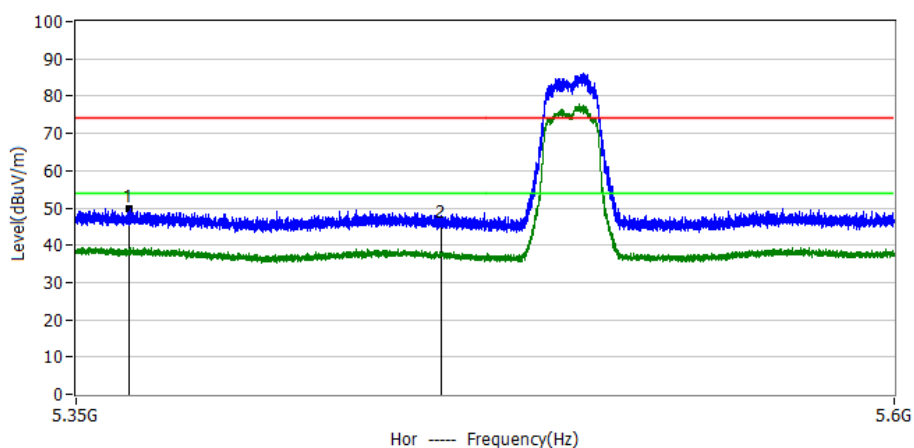
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	5.350GHz	54.16	-7.26	46.90	74.00	-27.10	PK	Hor
2*	5.364GHz	57.32	-7.30	50.02	74.00	-23.98	PK	Hor



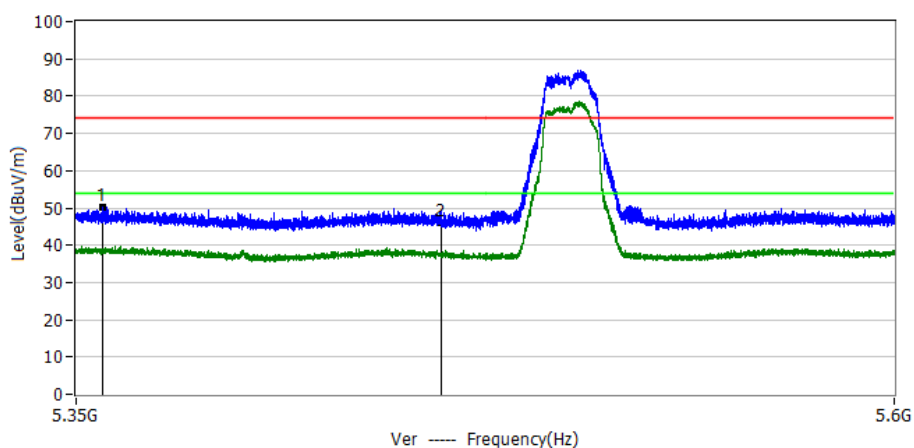
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	5.350GHz	56.86	-7.26	49.60	74.00	-24.40	PK	Ver
2*	5.359GHz	57.78	-7.29	50.49	74.00	-23.51	PK	Ver



Project: LGT23B010	Test Engineer: Dylan.shi
EUT: Smart phone	Temperature: 24.8°C
M/N: Luna	Humidity: 45%RH
Test Voltage: Battery	Test Data: 2023-03-11
Test Mode: 802.11a 5500	
Note:	



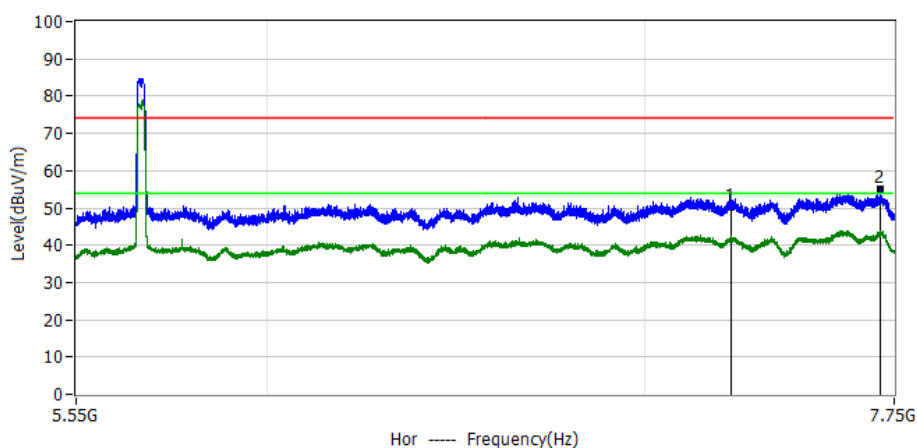
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	5.366GHz	57.07	-7.31	49.76	74.00	-24.24	PK	Hor
2*	5.460GHz	53.31	-7.61	45.70	74.00	-28.30	PK	Hor



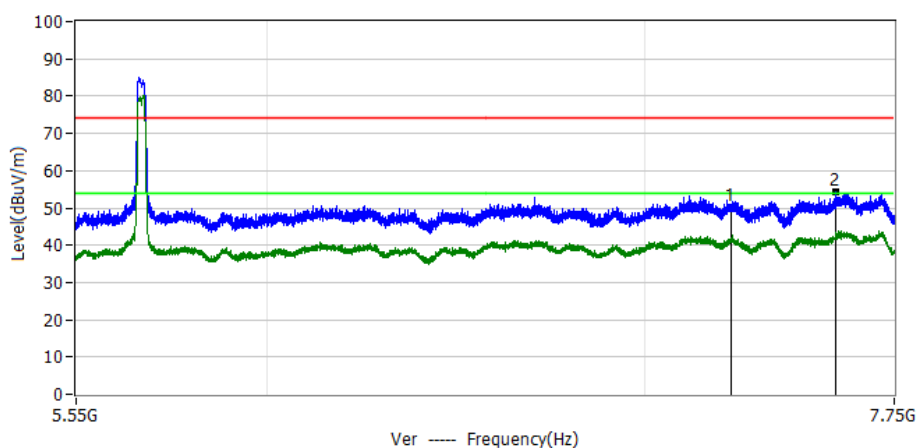
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	5.358GHz	57.60	-7.29	50.31	74.00	-23.69	PK	Ver
2*	5.460GHz	53.61	-7.61	46.00	74.00	-28.00	PK	Ver



Project: LGT23B010	Test Engineer: Dylan.shi
EUT: Smart phone	Temperature: 24.8°C
M/N: Luna	Humidity: 45%RH
Test Voltage: Battery	Test Data: 2023-03-11
Test Mode: 802.11a 5700	
Note:	



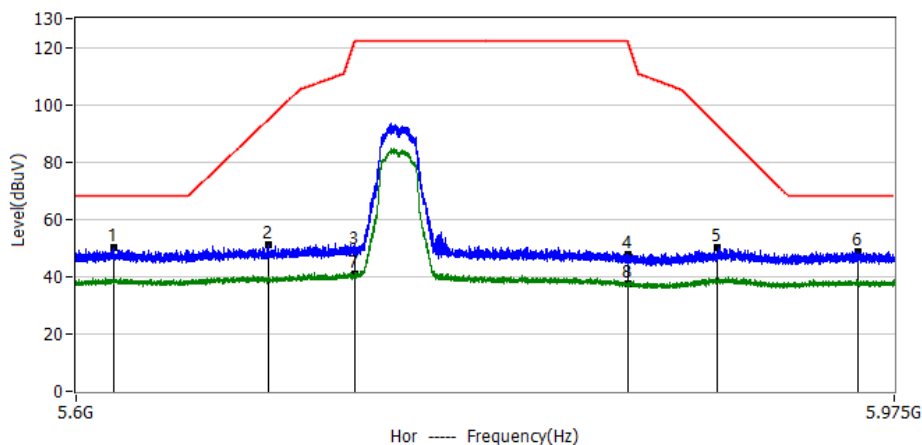
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	7.250GHz	55.19	-4.99	50.20	74.00	-23.80	PK	Hor
2*	7.707GHz	59.24	-4.17	55.07	74.00	-18.93	PK	Hor



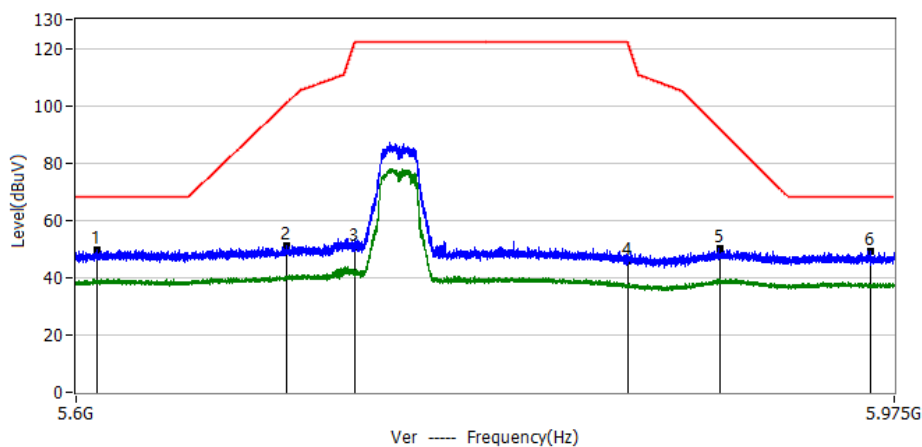
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	7.250GHz	55.29	-4.99	50.30	74.00	-23.70	PK	Ver
2*	7.568GHz	58.57	-4.26	54.31	74.00	-19.69	PK	Ver



Project: LGT23B010	Test Engineer: Dylan.shi
EUT: Smart phone	Temperature: 24.8°C
M/N: Luna	Humidity: 45%RH
Test Voltage: Battery	Test Data: 2023-03-11
Test Mode: 802.11a 5745	
Note:	



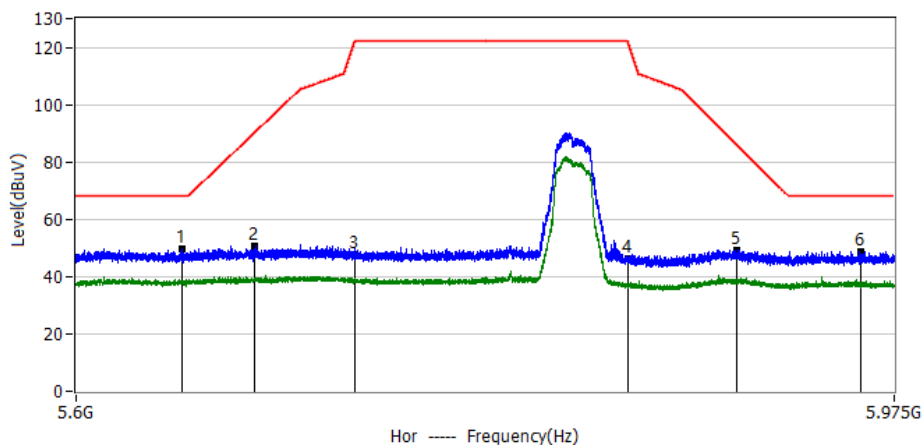
No.	Frequency	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Margin dB	Detector	Polar
1*	5.617GHz	57.66	-7.69	49.97	68.20	-18.23	PK	Hor
2*	5.686GHz	58.98	-7.67	51.31	94.64	-43.33	PK	Hor
3*	5.725GHz	56.95	-7.65	49.30	122.20	-72.90	PK	Hor
4*	5.850GHz	55.30	-7.60	47.70	122.20	-74.50	PK	Hor
5*	5.892GHz	57.85	-7.58	50.27	92.46	-42.18	PK	Hor
6*	5.958GHz	56.42	-7.56	48.86	68.20	-19.34	PK	Hor
7*	5.725GHz	48.55	-7.65	40.90	NaN	NaN	AV	Hor
8*	5.850GHz	45.30	-7.60	37.70	NaN	NaN	AV	Hor



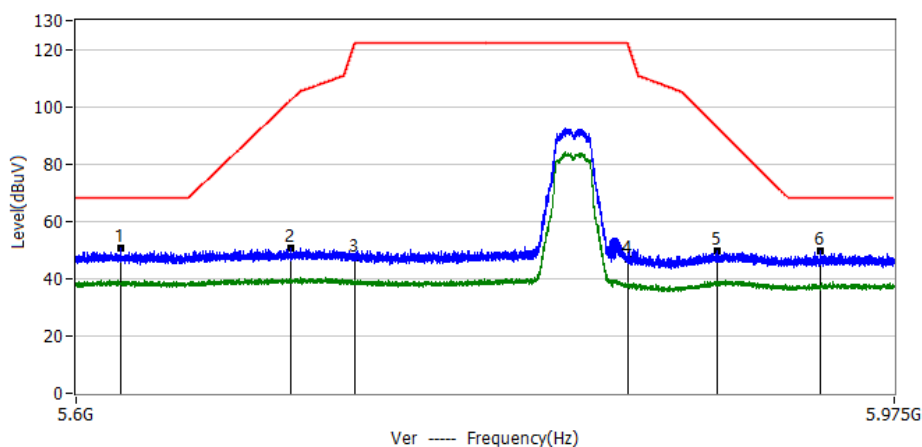
No.	Frequency	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Margin dB	Detector	Polar
1*	5.609GHz	57.49	-7.70	49.79	68.20	-18.41	PK	Ver
2*	5.694GHz	58.61	-7.66	50.95	100.70	-49.75	PK	Ver
3*	5.725GHz	58.15	-7.65	50.50	122.20	-71.70	PK	Ver
4*	5.850GHz	53.50	-7.60	45.90	122.20	-76.20	PK	Ver
5*	5.893GHz	57.73	-7.58	50.15	92.21	-42.06	PK	Ver
6*	5.964GHz	56.73	-7.55	49.18	68.20	-19.02	PK	Ver



Project: LGT23B010	Test Engineer: Dylan.shi
EUT: Smart phone	Temperature: 24.8°C
M/N: Luna	Humidity: 45%RH
Test Voltage: Battery	Test Data: 2023-03-11
Test Mode: 802.11a 5825	
Note:	



No.	Frequency	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Margin dB	Detector	Polar
1*	5.647GHz	57.46	-7.68	49.78	68.20	-18.42	PK	Hor
2*	5.680GHz	58.50	-7.67	50.83	90.62	-39.80	PK	Hor
3*	5.725GHz	55.15	-7.65	47.50	122.20	-74.60	PK	Hor
4*	5.850GHz	53.70	-7.60	46.10	122.20	-76.10	PK	Hor
5*	5.901GHz	56.96	-7.58	49.38	86.24	-36.86	PK	Hor
6*	5.959GHz	56.41	-7.56	48.85	68.20	-19.35	PK	Hor



No.	Frequency	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Margin dB	Detector	Polar
1*	5.620GHz	58.36	-7.69	50.67	68.20	-17.53	PK	Ver
2*	5.696GHz	58.07	-7.66	50.41	102.39	-51.98	PK	Ver
3*	5.725GHz	54.95	-7.65	47.30	122.20	-74.90	PK	Ver
4*	5.850GHz	54.30	-7.60	46.70	122.20	-75.50	PK	Ver
5*	5.892GHz	57.11	-7.58	49.53	92.56	-43.03	PK	Ver
6*	5.940GHz	56.98	-7.56	49.42	68.20	-18.78	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

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.



4.4 TEST SETUP



4.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.1 Unless otherwise a special operating condition is specified in the follows during the testing.

4.6 TEST RESULTS

For the measurement records , refer to the appendix I.



5. BANDWIDTH MEASUREMENT

5.1 EMISSION BANDWIDTH (EBW) 26 BANDWID PROCEDURES / LIMIT

The following procedure shall be used for measuring 26 bandwidth.

5.1.1 TEST PROCEDURE

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW $\geq$ RBW.
4. Detector = Peak.
5. Trace mode = max hold.
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

5.1.5 TEST RESULTS

For the measurement records , refer to the appendix I.



5.2 OCCUPIED BANDWIDTH (99%) TEST APPLIED PROCEDURES / LIMIT

The following procedure shall be used for measuring (99 %) power bandwidth.

5.2.1 TEST PROCEDURE

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures v02r01. The following procedure shall be used for measuring (99 %) power bandwidth:
1. Set center frequency to the nominal EUT channel center frequency.
2. Set span = 1.5 times to 5.0 times the OBW.
3. Set RBW = 1 % to 5 % of the OBW
4. Set VBW $\geq 3 \cdot$ RBW
5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
6. Use the 99 % power bandwidth function of the instrument (if available).
7. If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

5.2.2 DEVIATION FROM STANDARD

No deviation.

5.2.3 TEST SETUP



5.2.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

5.2.5 TEST RESULTS

For the measurement records · refer to the appendix I.



5.3 MINIMUM EMISSION BANDWIDTH(6 DB) PROCEDURES / LIMIT

Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for the band 5.725-5.85 GHz. The following procedure shall be used for measuring this bandwidth.

5.3.1 TEST PROCEDURE

The testing follows FCC KDB 789033 D02 General UNII Test Procedures v02r01.

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.3.2 DEVIATION FROM STANDARD

No deviation.

5.3.3 TEST SETUP



5.3.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

5.3.5 TEST RESULTS

For the measurement records , refer to the appendix I.



6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 LIMIT

For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz, If transmitting antennas of directional gain greater than 6 dBi are used.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. If transmitting antennas of directional gain greater than 6 dBi are used.

FCC Part15 (15.407) , Subpart E				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.407(a) (1) (iv)	Peak Output Power	0.25 watt	5150-5250	PASS
		The lesser of 250 mW or 11 dBm + 10 log (26 dB emission bandwidth)	5250-5350 5470-5725	
15.407(a) (3)		1 watt	5725-5825	

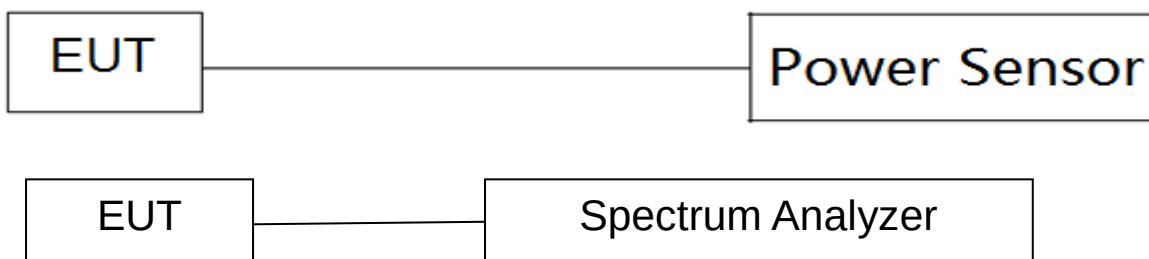
6.2 TEST PROCEDURE

The EUT was directly connected to the Power Sensor&PC

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 5 Unless otherwise a special operating condition is specified in the follows during the testing.

6.6 TEST RESULTS

For the measurement records · refer to the appendix I.