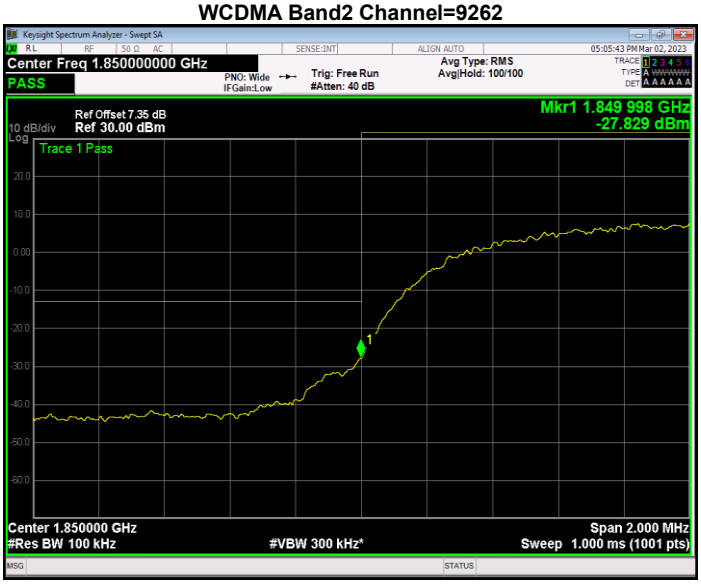
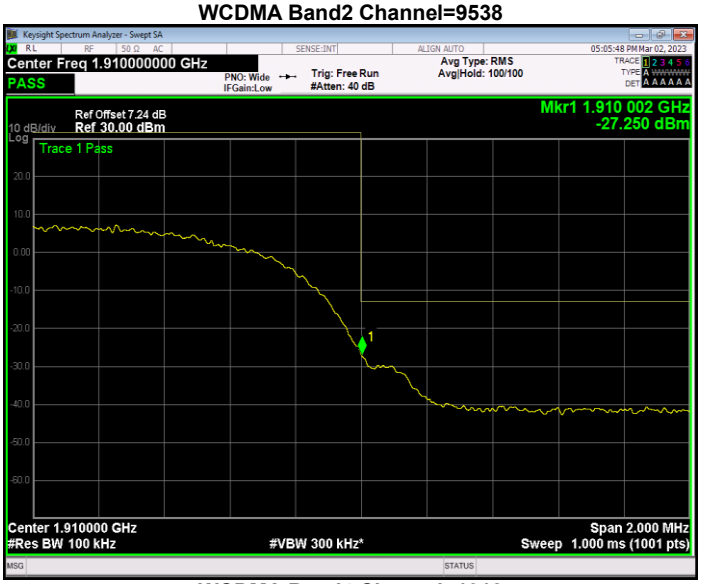
Band edge

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
WCDMA Band2	9262	1852.4	1850.00	-27.82	-13	PASS
WCDMA Band2	9538	1907.6	1910.00	-27.25	-13	PASS
WCDMA Band4	1312	1712.4	1710.00	-27.91	-13	PASS
WCDMA Band4	1513	1752.6	1755.00	-26.75	-13	PASS
WCDMA Band5	4132	826.4	824.00	-27.52	-13	PASS
WCDMA Band5	4233	846.6	849.00	-24.91	-13	PASS

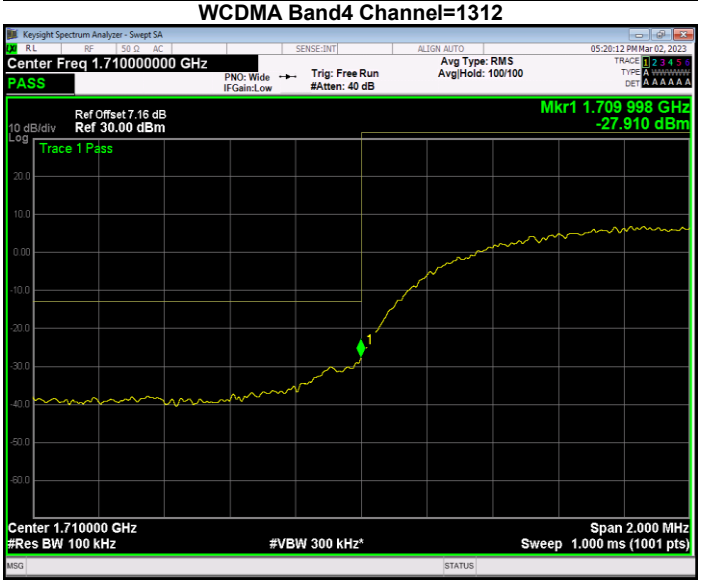
WCDMA Band2 Channel=9262



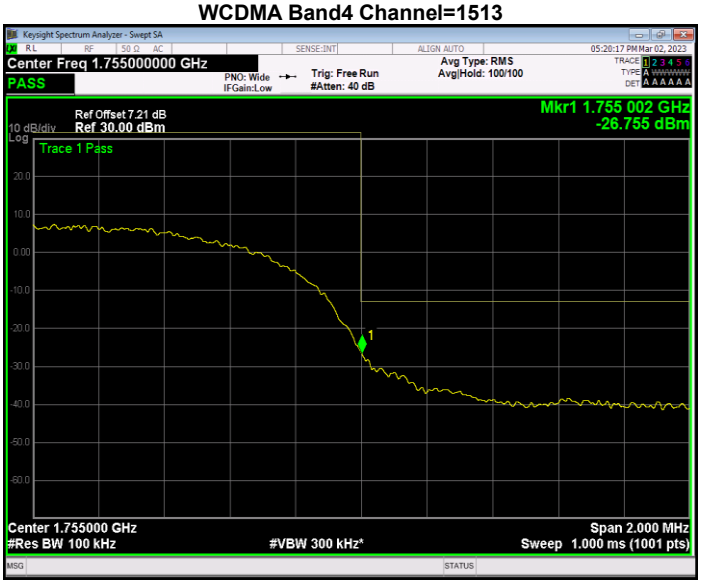
WCDMA Band2 Channel=9538



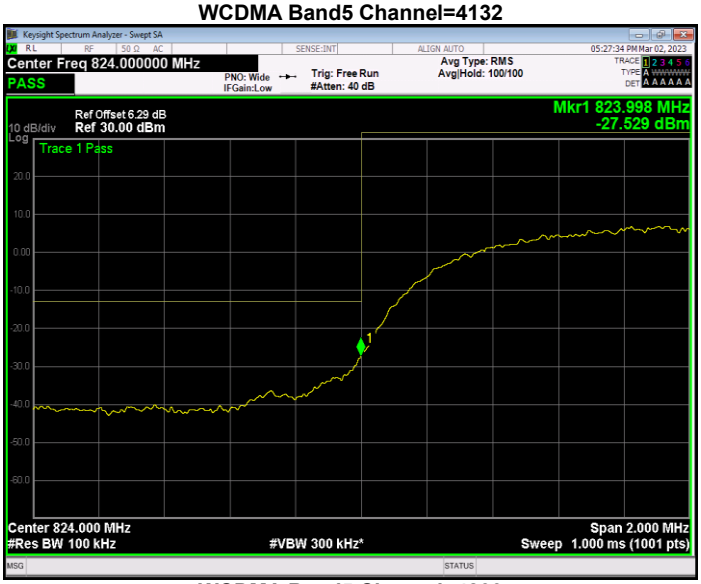
WCDMA Band4 Channel=1312



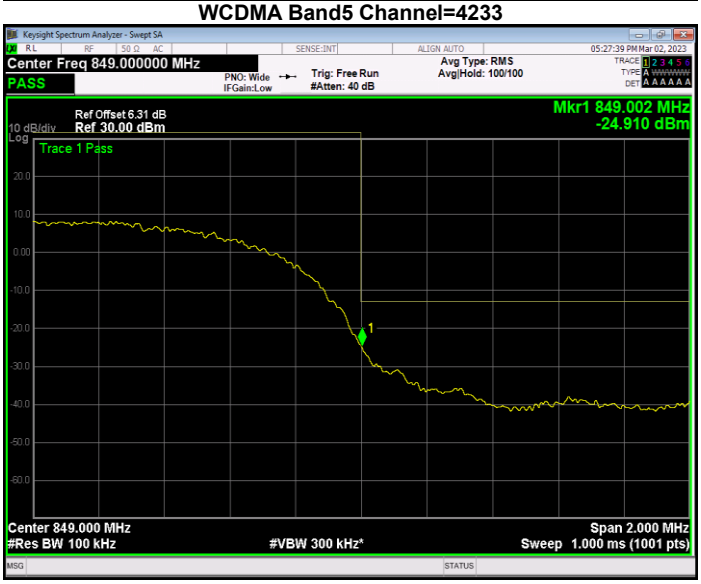
WCDMA Band4 Channel=1513



WCDMA Band5 Channel=4132



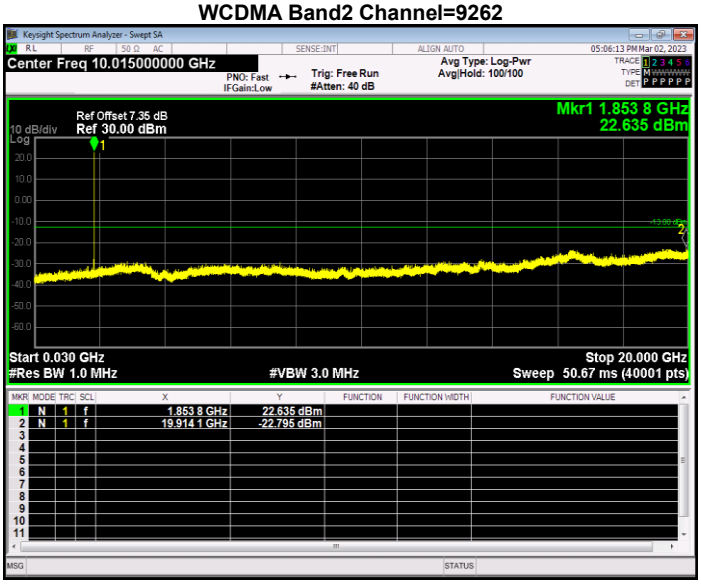
WCDMA Band5 Channel=4233



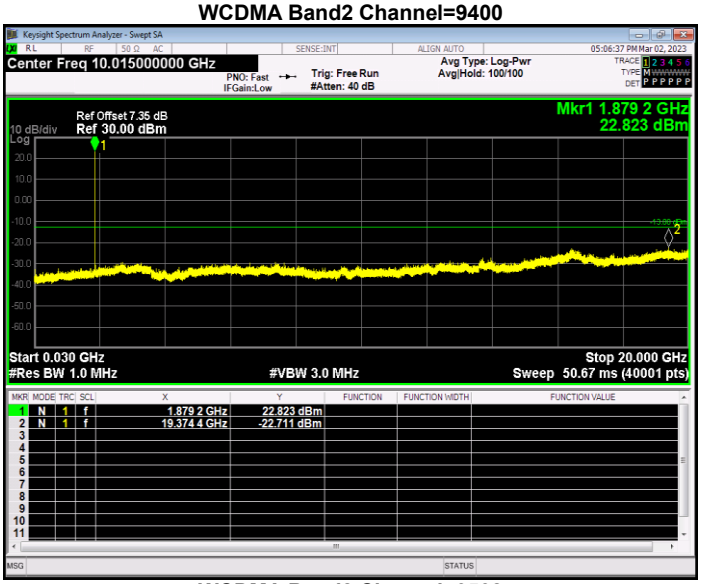
Out-of-band emissions

Band	Channel	Frequency (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
WCDMA Band2	9262	1852.4	19914.13	-22.79	-13	PASS
WCDMA Band2	9400	1880	19374.44	-22.71	-13	PASS
WCDMA Band2	9538	1907.6	19228.66	-23.03	-13	PASS
WCDMA Band4	1312	1712.4	19330.51	-22.23	-13	PASS
WCDMA Band4	1450	1740	16455.33	-23.12	-13	PASS
WCDMA Band4	1513	1752.6	19290.57	-22.45	-13	PASS
WCDMA Band5	4132	826.4	3207.94	-30.47	-13	PASS
WCDMA Band5	4182	836.4	2708.44	-30.27	-13	PASS
WCDMA Band5	4233	846.6	5884.13	-29.72	-13	PASS

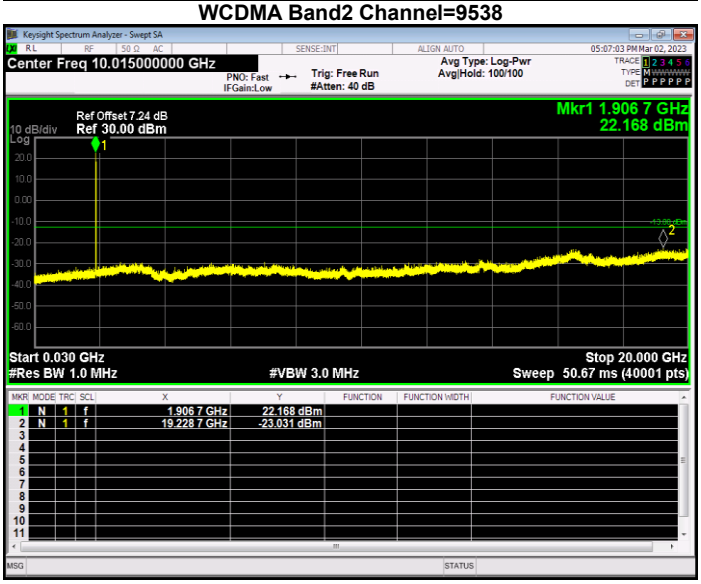
WCDMA Band2 Channel=9262



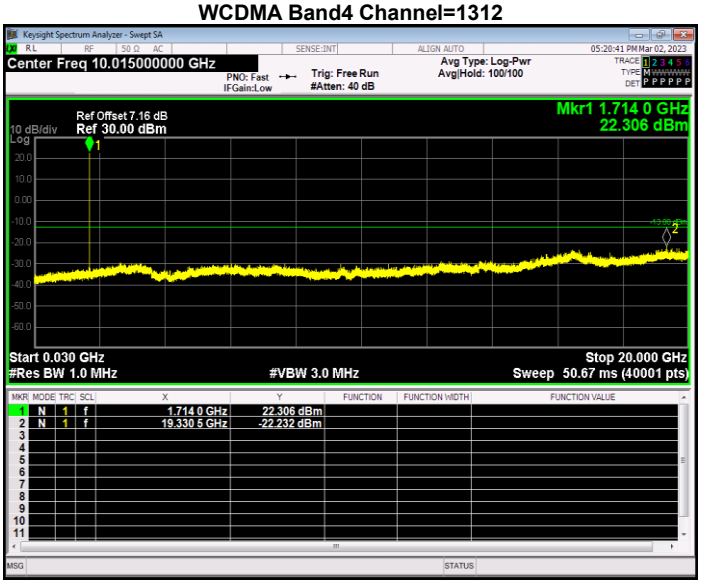
WCDMA Band2 Channel=9400



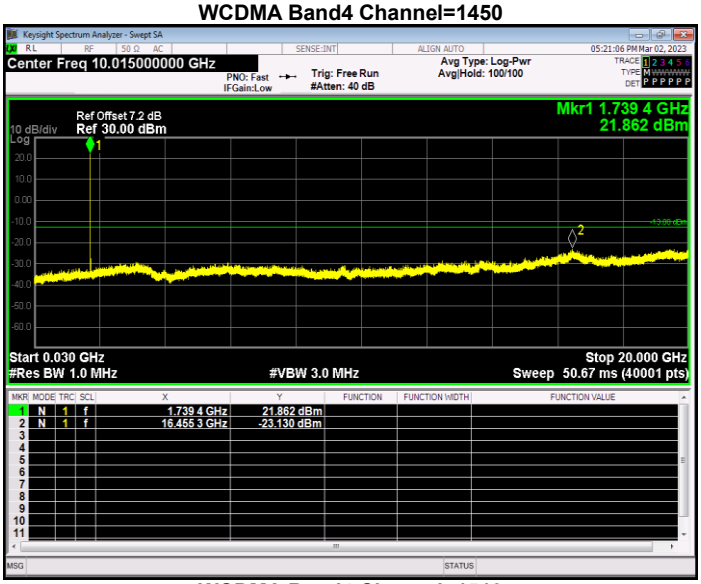
WCDMA Band2 Channel=9538



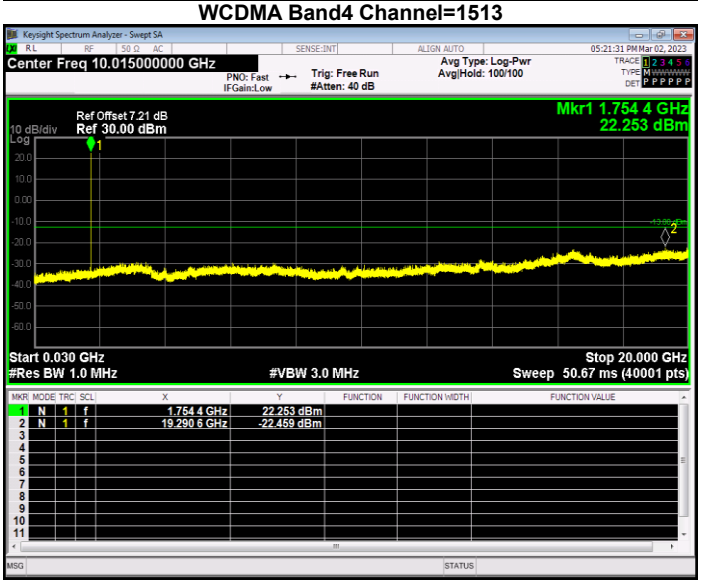
WCDMA Band4 Channel=1312



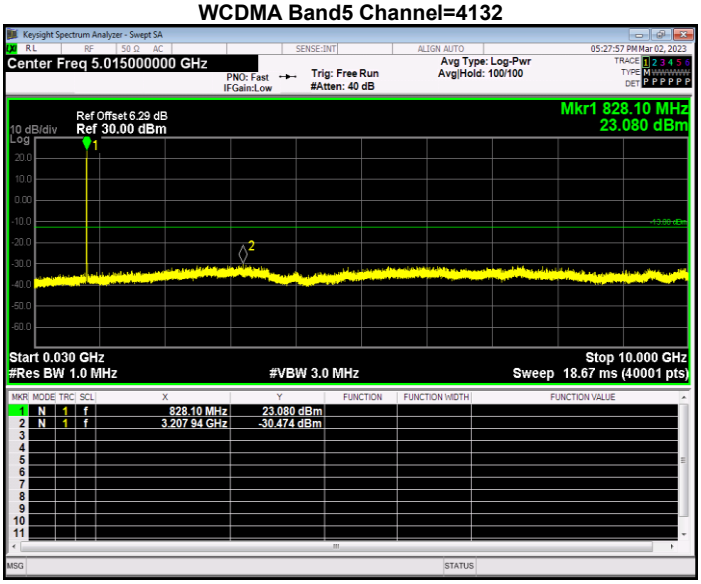
WCDMA Band4 Channel=1450



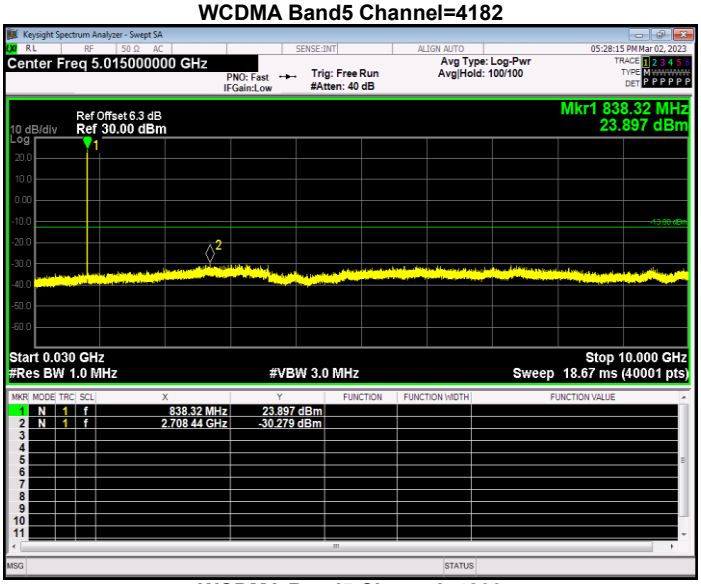
WCDMA Band4 Channel=1513



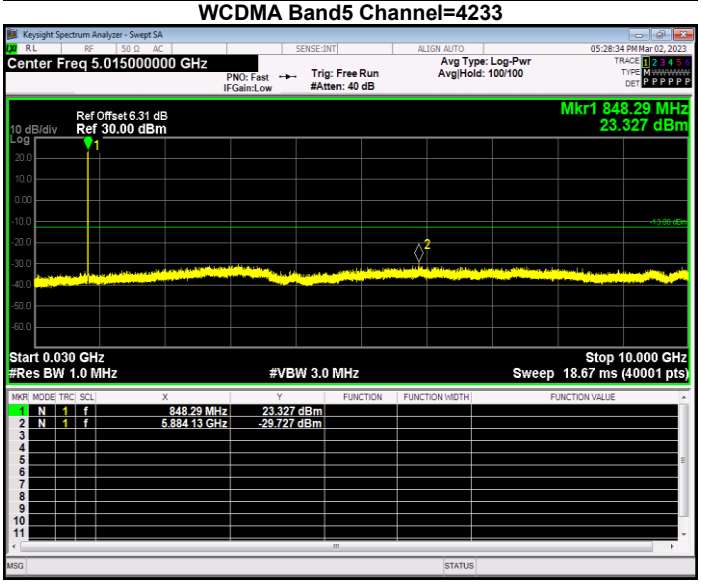
WCDMA Band5 Channel=4132



WCDMA Band5 Channel=4182

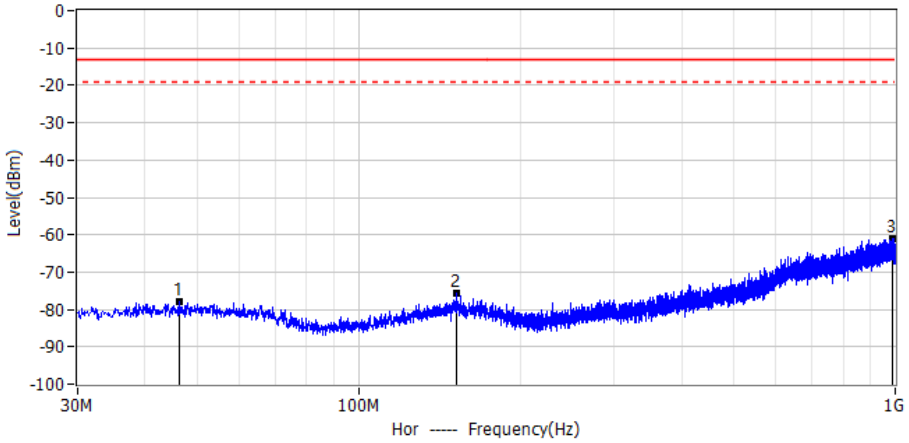


WCDMA Band5 Channel=4233

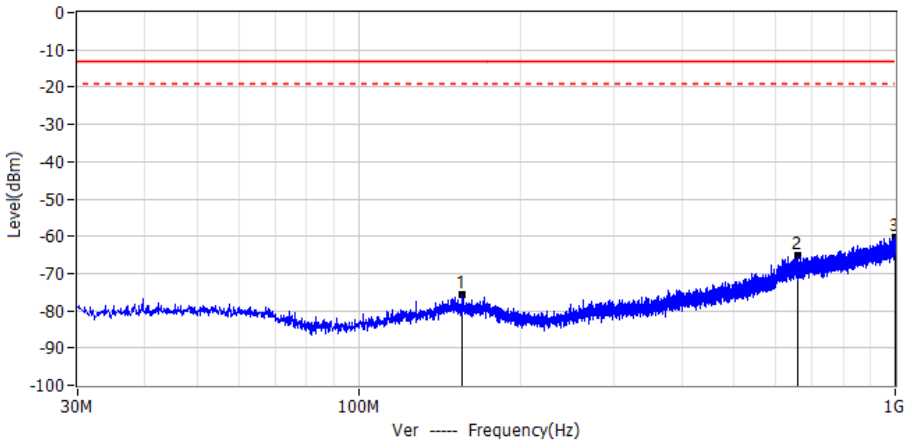


RADIATED SPURIOUS EMISSION

Project: LGT23B071	Test Engineer: Dylan.shi
EUT: Smart Phone	Temperature: 24.2℃
M/N: CP12t	Humidity: 45%RH
Test Voltage: Battery	Test Data: 2023-03-11
Test Mode: WCDMA Band 2 Highest	
Note:	

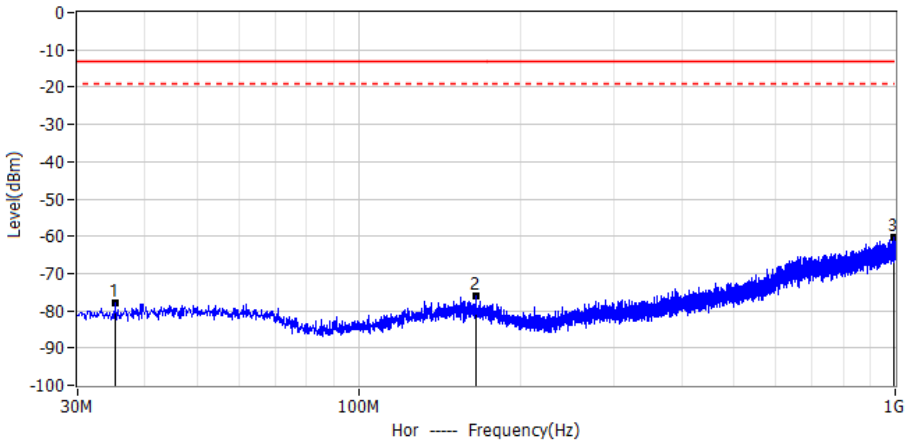


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	46.490MHz	-77.98	-13.00	-64.98	PK	Hor
2*	152.341MHz	-75.76	-13.00	-62.76	PK	Hor
3*	988.966MHz	-61.05	-13.00	-48.05	PK	Hor

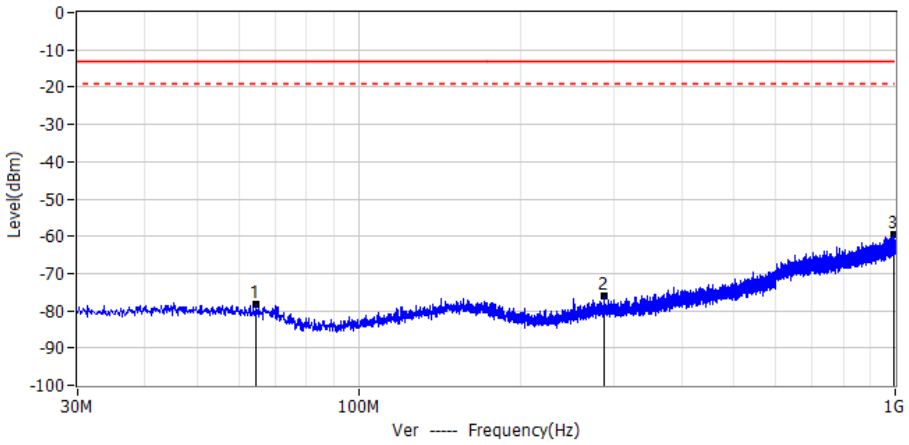


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	155.615MHz	-75.81	-13.00	-62.81	PK	Ver
2*	659.530MHz	-65.06	-13.00	-52.06	PK	Ver
3*	997.090MHz	-60.40	-13.00	-47.40	PK	Ver

Project: LGT23B071	Test Engineer: Dylan.shi
EUT: Smart Phone	Temperature: 24.2℃
M/N: CP12t	Humidity: 45%RH
Test Voltage: Battery	Test Data: 2023-03-11
Test Mode: WCDMA Band 2 Lowest	
Note:	

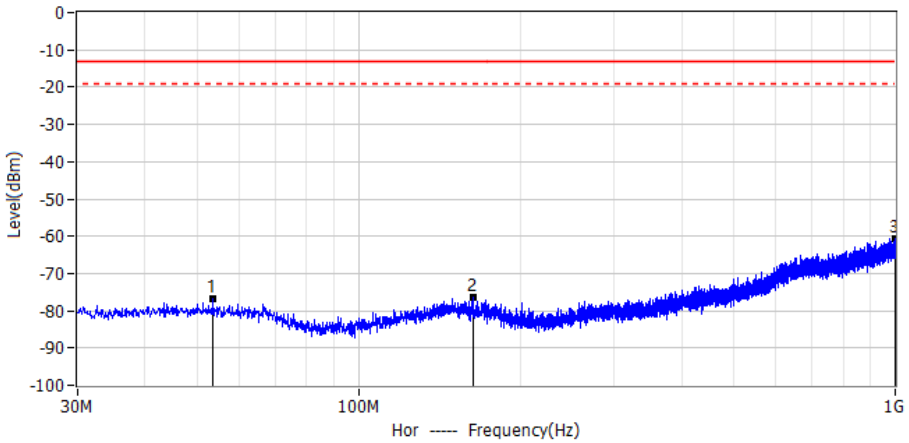


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	35.335MHz	-77.79	-13.00	-64.79	PK	Hor
2*	165.436MHz	-76.05	-13.00	-63.05	PK	Hor
3*	992.604MHz	-60.26	-13.00	-47.26	PK	Hor

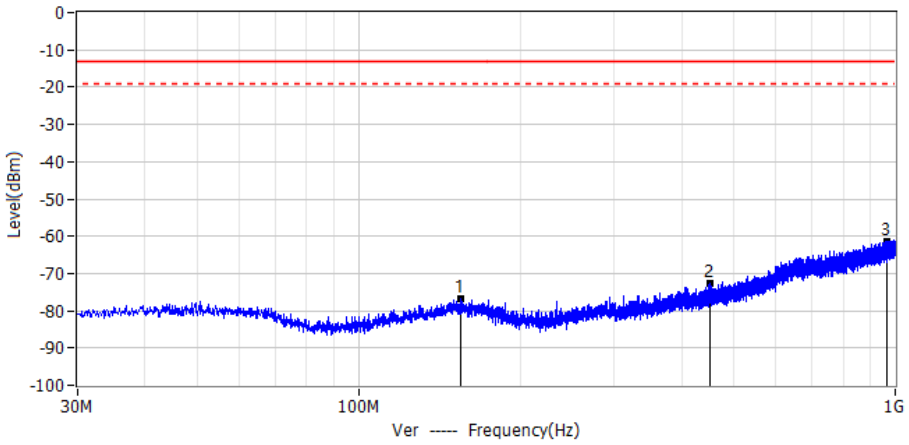


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	64.556MHz	-78.44	-13.00	-65.44	PK	Ver
2*	287.414MHz	-76.17	-13.00	-63.17	PK	Ver
3*	993.816MHz	-59.55	-13.00	-46.55	PK	Ver

Project: LGT23B071	Test Engineer: Dylan.shi
EUT: Smart Phone	Temperature: 24.2℃
M/N: CP12t	Humidity: 45%RH
Test Voltage: Battery	Test Data: 2023-03-11
Test Mode: WCDMA Band 2 Middle	
Note:	

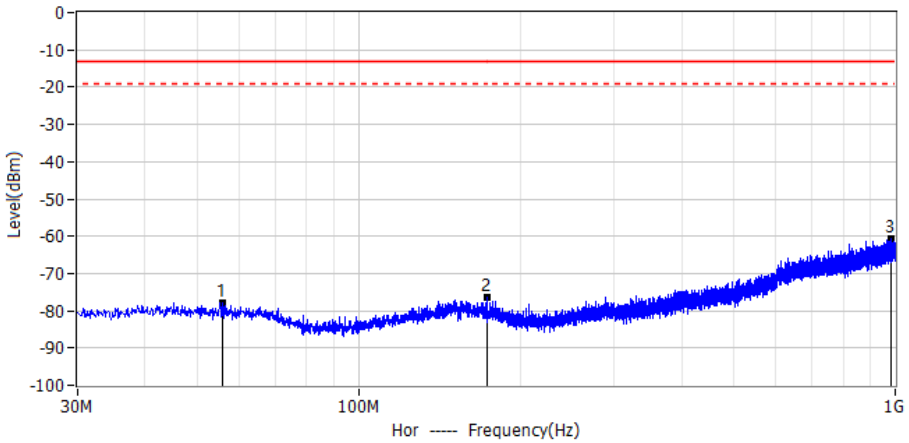


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	53.644MHz	-76.91	-13.00	-63.91	PK	Hor
2*	163.860MHz	-76.54	-13.00	-63.54	PK	Hor
3*	997.696MHz	-60.60	-13.00	-47.60	PK	Hor

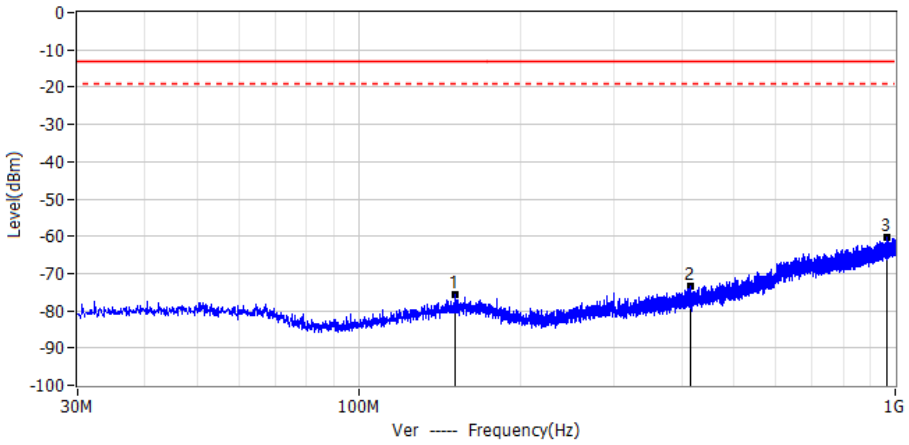


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	154.645MHz	-76.76	-13.00	-63.76	PK	Ver
2*	450.495MHz	-72.68	-13.00	-59.68	PK	Ver
3*	963.625MHz	-61.26	-13.00	-48.26	PK	Ver

Project: LGT23B071	Test Engineer: Dylan.shi
EUT: Smart Phone	Temperature: 24.2℃
M/N: CP12t	Humidity: 45%RH
Test Voltage: Battery	Test Data: 2023-03-11
Test Mode: WCDMA Band 4 Highest	
Note:	

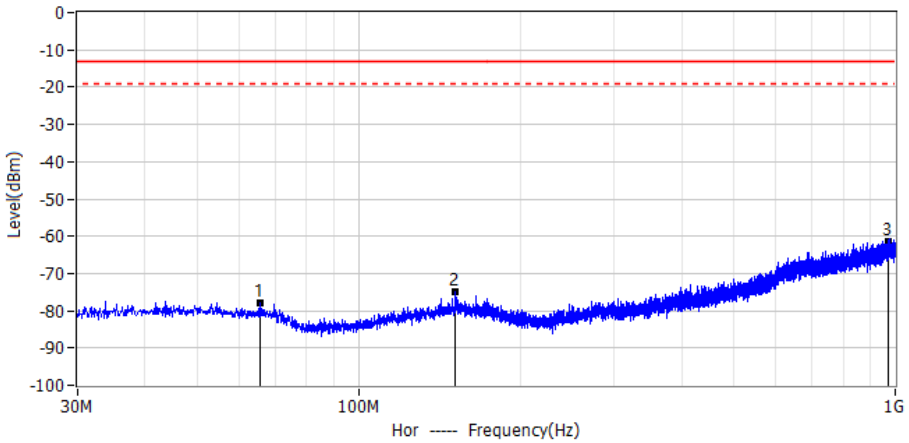


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	55.705MHz	-77.91	-13.00	-64.91	PK	Hor
2*	173.681MHz	-76.54	-13.00	-63.54	PK	Hor
3*	980.115MHz	-60.84	-13.00	-47.84	PK	Hor

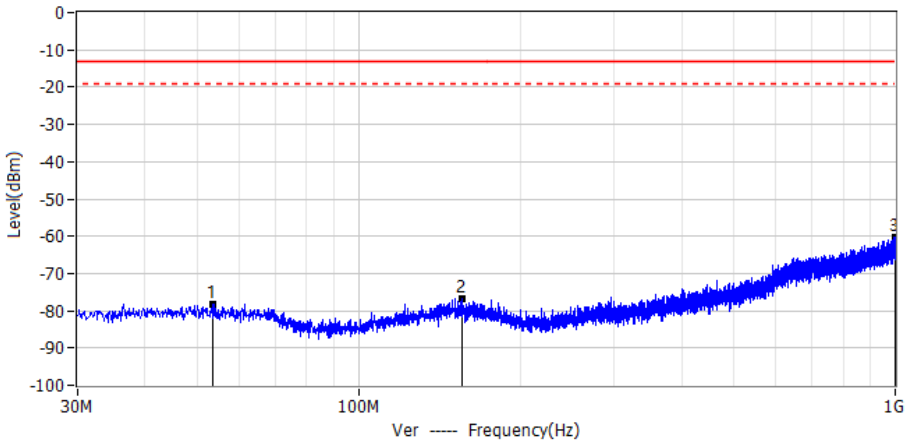


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	151.856MHz	-75.84	-13.00	-62.84	PK	Ver
2*	414.484MHz	-73.39	-13.00	-60.39	PK	Ver
3*	965.323MHz	-60.30	-13.00	-47.30	PK	Ver

Project: LGT23B071	Test Engineer: Dylan.shi
EUT: Smart Phone	Temperature: 24.2℃
M/N: CP12t	Humidity: 45%RH
Test Voltage: Battery	Test Data: 2023-03-11
Test Mode: WCDMA Band 4 Lowest	
Note:	

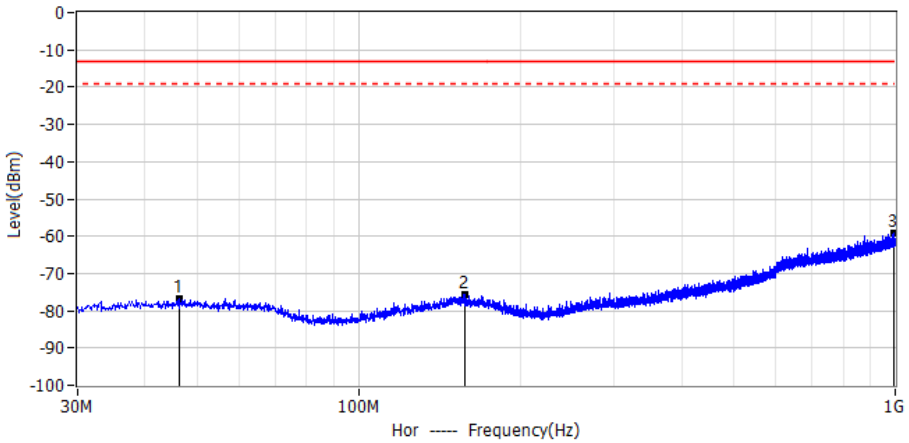


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	65.526MHz	-77.77	-13.00	-64.77	PK	Hor
2*	151.614MHz	-74.95	-13.00	-61.95	PK	Hor
3*	971.021MHz	-61.24	-13.00	-48.24	PK	Hor

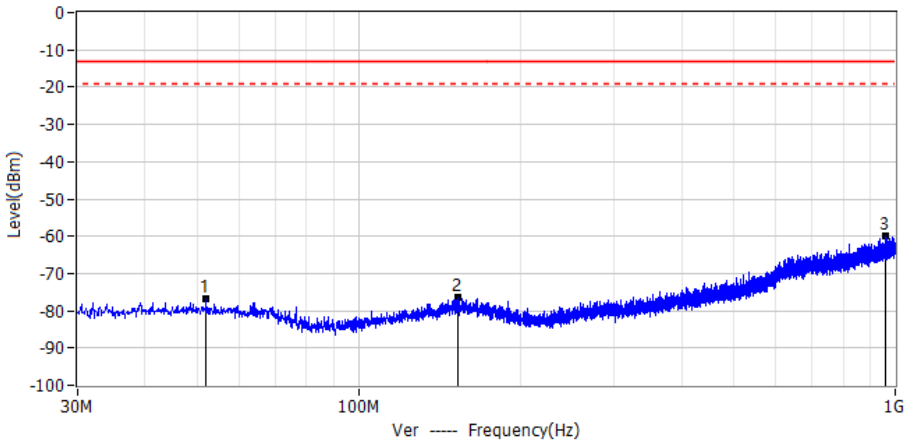


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	53.523MHz	-78.33	-13.00	-65.33	PK	Ver
2*	155.736MHz	-76.94	-13.00	-63.94	PK	Ver
3*	998.181MHz	-60.15	-13.00	-47.15	PK	Ver

Project: LGT23B071	Test Engineer: Dylan.shi
EUT: Smart Phone	Temperature: 24.2℃
M/N: CP12t	Humidity: 45%RH
Test Voltage: Battery	Test Data: 2023-03-11
Test Mode: WCDMA Band 4 Middle	
Note:	

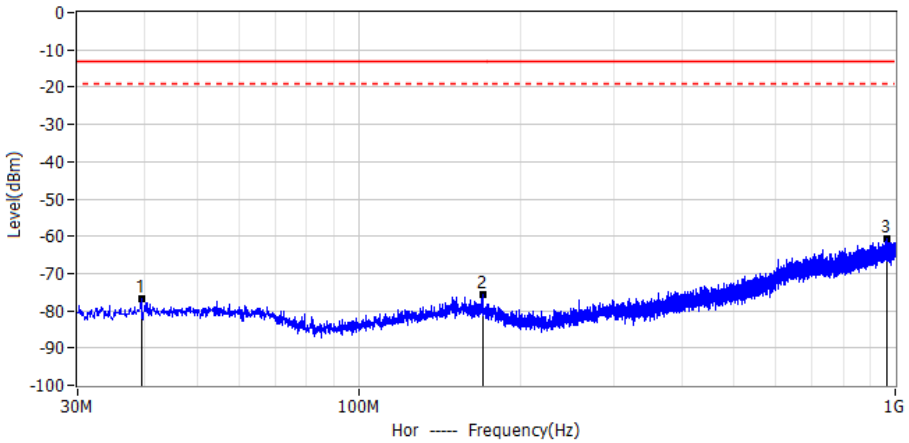


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	46.369MHz	-76.61	-13.00	-63.61	PK	Hor
2*	158.283MHz	-75.49	-13.00	-62.49	PK	Hor
3*	994.180MHz	-59.25	-13.00	-46.25	PK	Hor

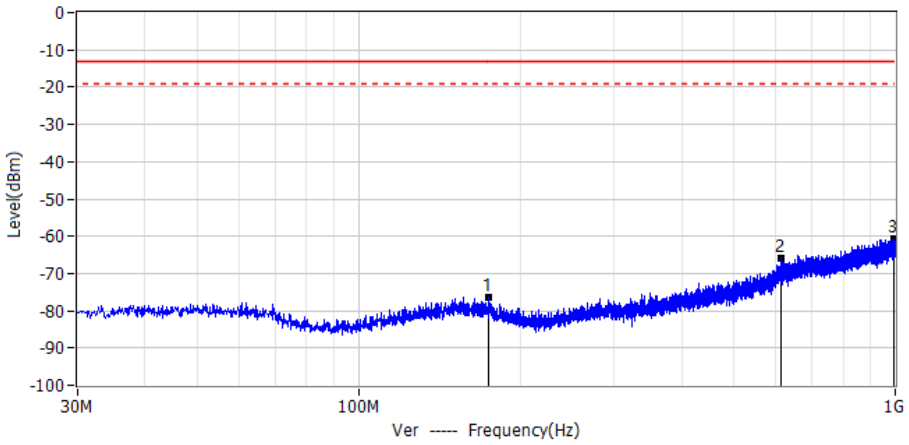


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	51.946MHz	-76.83	-13.00	-63.83	PK	Ver
2*	153.675MHz	-76.27	-13.00	-63.27	PK	Ver
3*	957.441MHz	-60.11	-13.00	-47.11	PK	Ver

Project: LGT23B071	Test Engineer: Dylan.shi
EUT: Smart Phone	Temperature: 24.2℃
M/N: CP12t	Humidity: 45%RH
Test Voltage: Battery	Test Data: 2023-03-11
Test Mode: WCDMA Band 5 Highest	
Note:	

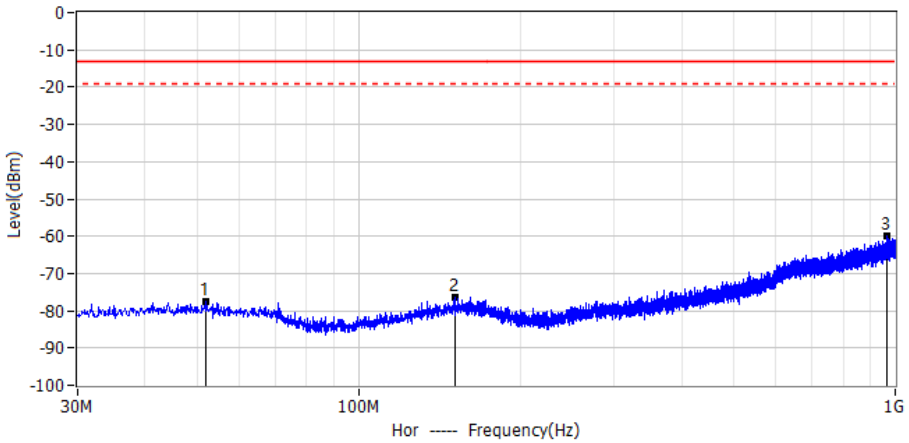


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	39.458MHz	-76.79	-13.00	-63.79	PK	Hor
2*	170.286MHz	-75.80	-13.00	-62.80	PK	Hor
3*	966.050MHz	-60.83	-13.00	-47.83	PK	Hor

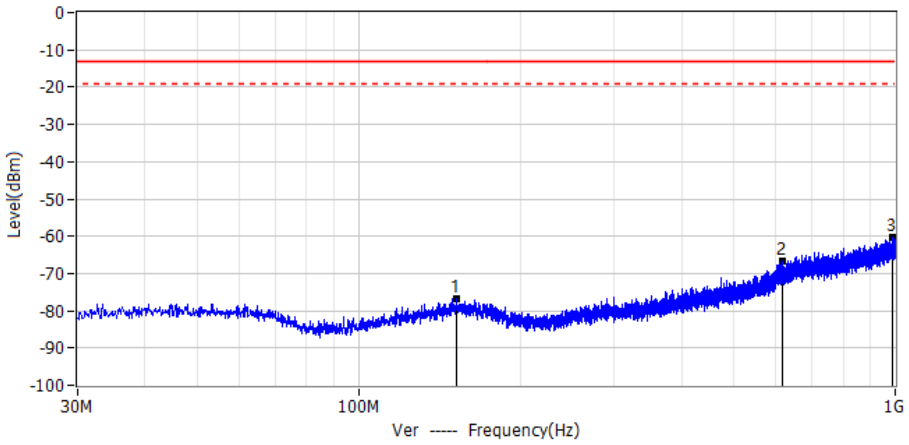


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	174.530MHz	-76.41	-13.00	-63.41	PK	Ver
2*	611.758MHz	-66.06	-13.00	-53.06	PK	Ver
3*	991.270MHz	-60.64	-13.00	-47.64	PK	Ver

Project: LGT23B071	Test Engineer: Dylan.shi
EUT: Smart Phone	Temperature: 24.2℃
M/N: CP12t	Humidity: 45%RH
Test Voltage: Battery	Test Data: 2023-03-11
Test Mode: WCDMA Band 5 Lowest	
Note:	

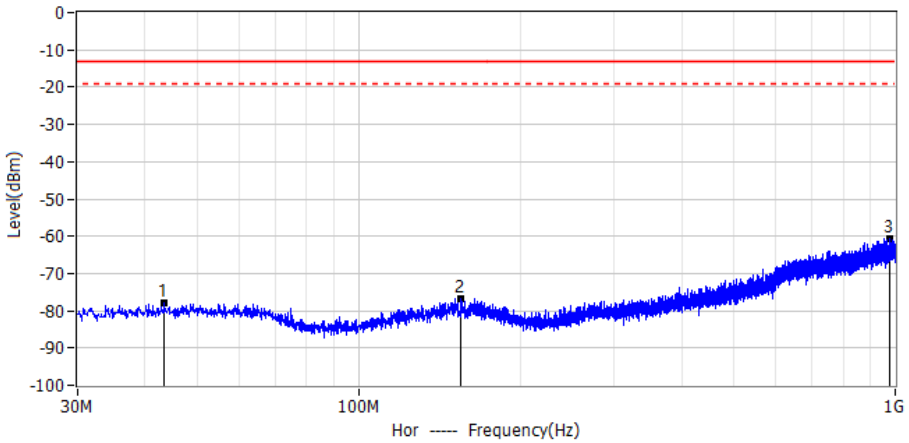


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	52.068MHz	-77.61	-13.00	-64.61	PK	Hor
2*	151.129MHz	-76.35	-13.00	-63.35	PK	Hor
3*	964.838MHz	-59.80	-13.00	-46.80	PK	Hor

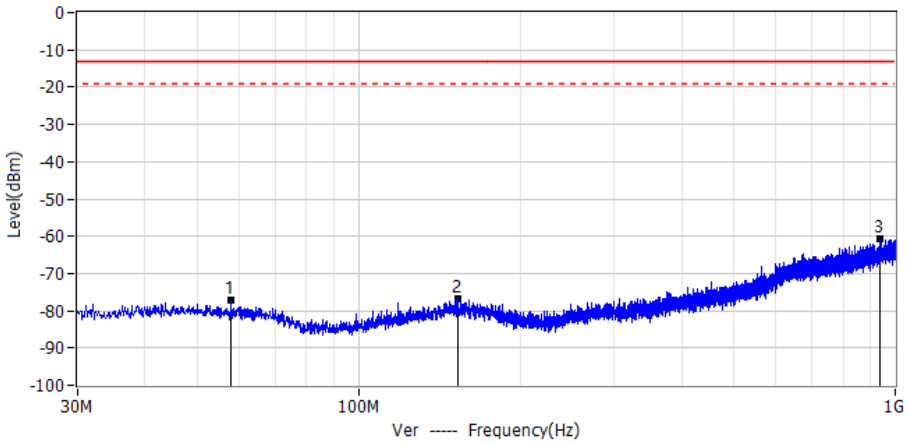


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	152.341MHz	-76.60	-13.00	-63.60	PK	Ver
2*	616.729MHz	-66.85	-13.00	-53.85	PK	Ver
3*	990.785MHz	-60.17	-13.00	-47.17	PK	Ver

Project: LGT23B071	Test Engineer: Dylan.shi
EUT: Smart Phone	Temperature: 24.2℃
M/N: CP12t	Humidity: 45%RH
Test Voltage: Battery	Test Data: 2023-03-11
Test Mode: WCDMA Band 5 Middle	
Note:	

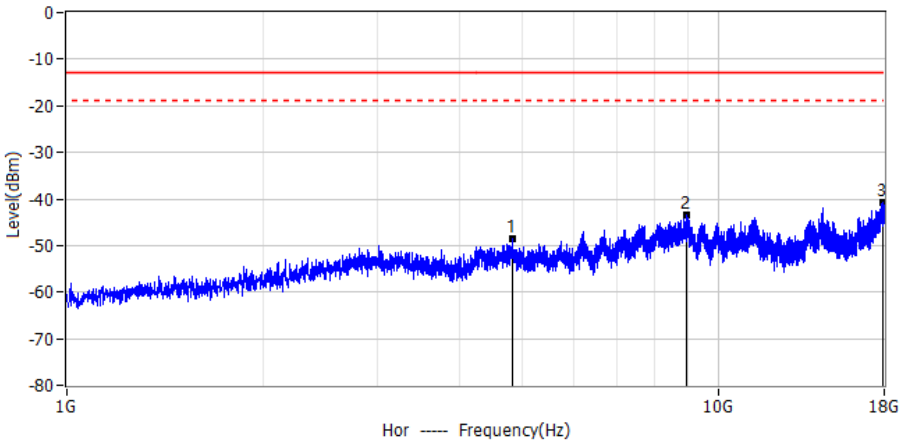


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	43.459MHz	-77.79	-13.00	-64.79	PK	Hor
2*	154.766MHz	-76.76	-13.00	-63.76	PK	Hor
3*	975.508MHz	-60.74	-13.00	-47.74	PK	Hor

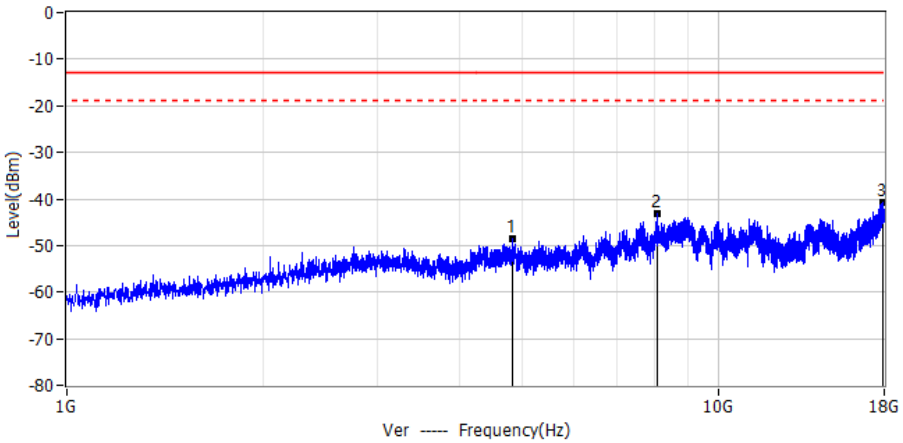


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	57.888MHz	-77.26	-13.00	-64.26	PK	Ver
2*	153.069MHz	-76.81	-13.00	-63.81	PK	Ver
3*	934.768MHz	-60.62	-13.00	-47.62	PK	Ver

Project: LGT23B071	Test Engineer: Dylan.shi
EUT: Smart Phone	Temperature: 26.7℃
M/N: CP12t	Humidity: 52%RH
Test Voltage: Battery	Test Data: 2023-03-12
Test Mode: WCDMA Band 2 Highest	
Note:	

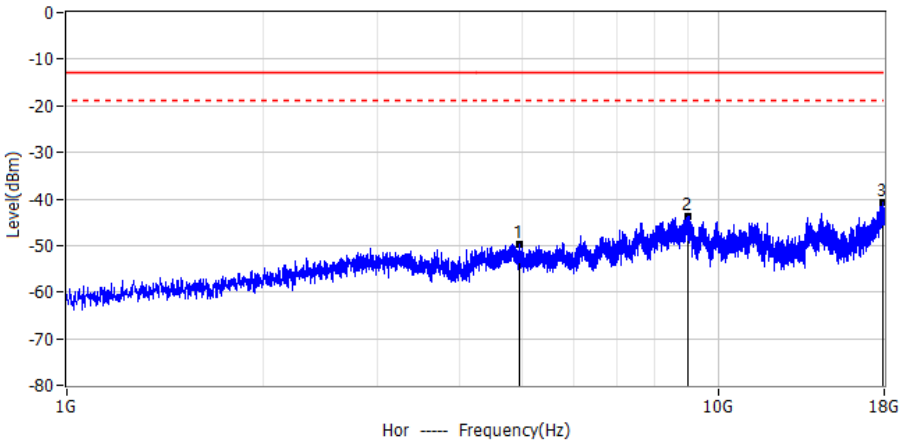


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	4.840GHz	-48.64	-13.00	-35.64	PK	Hor
2*	8.941GHz	-43.55	-13.00	-30.55	PK	Hor
3*	17.896GHz	-40.63	-13.00	-27.63	PK	Hor

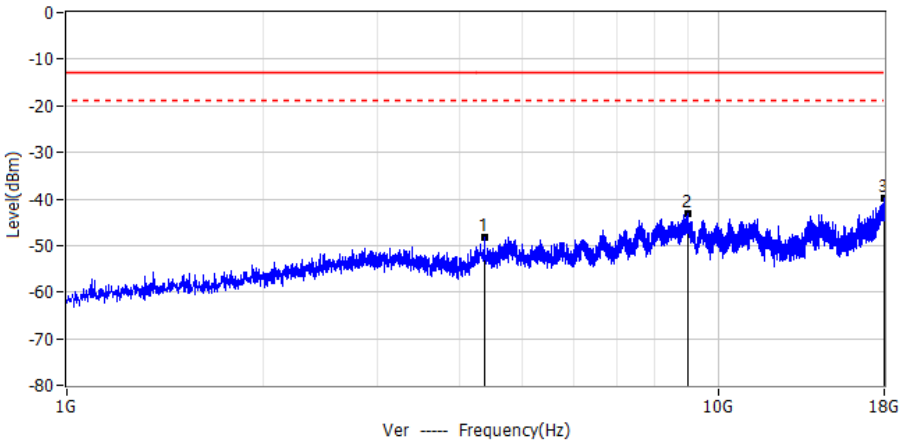


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	4.842GHz	-48.54	-13.00	-35.54	PK	Ver
2*	8.083GHz	-43.25	-13.00	-30.25	PK	Ver
3*	17.955GHz	-40.78	-13.00	-27.78	PK	Ver

Project: LGT23B071	Test Engineer: Dylan.shi
EUT: Smart Phone	Temperature: 26.7℃
M/N: CP12t	Humidity: 52%RH
Test Voltage: Battery	Test Data: 2023-03-12
Test Mode: WCDMA Band 2 Lowest	
Note:	

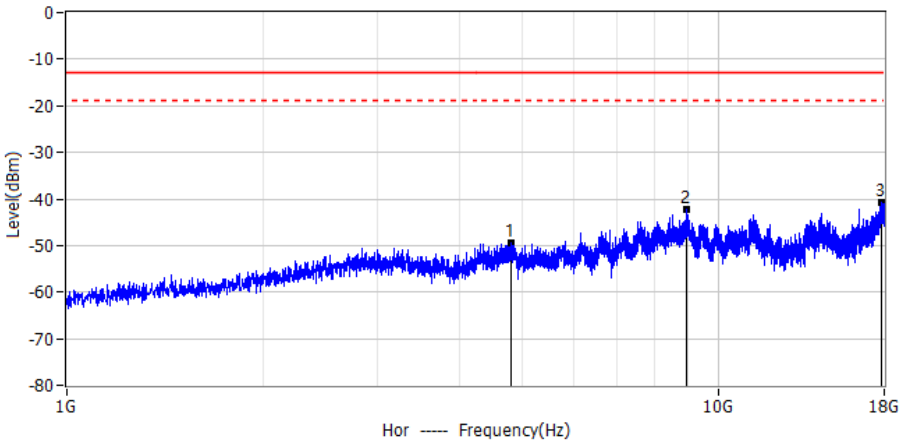


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	4.944GHz	-49.75	-13.00	-36.75	PK	Hor
2*	8.994GHz	-43.78	-13.00	-30.78	PK	Hor
3*	17.917GHz	-40.82	-13.00	-27.82	PK	Hor

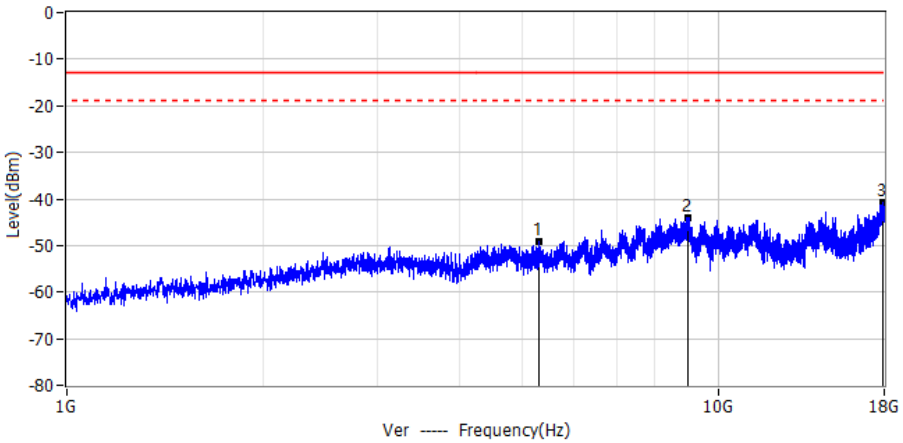


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	4.377GHz	-48.27	-13.00	-35.27	PK	Ver
2*	8.971GHz	-43.14	-13.00	-30.14	PK	Ver
3*	17.985GHz	-39.78	-13.00	-26.78	PK	Ver

Project: LGT23B071	Test Engineer: Dylan.shi
EUT: Smart Phone	Temperature: 26.7℃
M/N: CP12t	Humidity: 52%RH
Test Voltage: Battery	Test Data: 2023-03-12
Test Mode: WCDMA Band 2 Middle	
Note:	

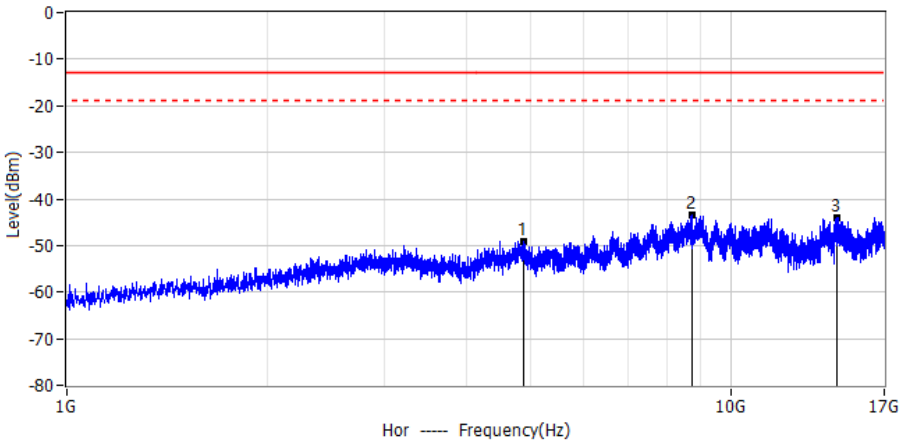


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	4.804GHz	-49.53	-13.00	-36.53	PK	Hor
2*	8.926GHz	-42.22	-13.00	-29.22	PK	Hor
3*	17.785GHz	-40.69	-13.00	-27.69	PK	Hor

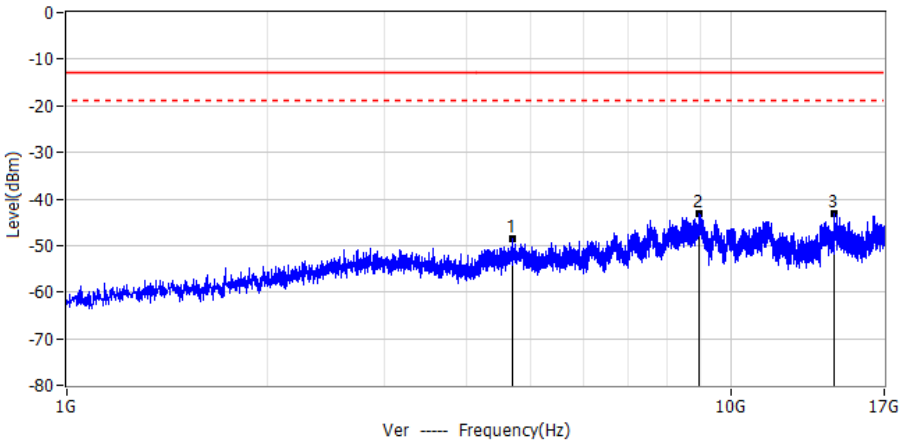


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	5.305GHz	-48.99	-13.00	-35.99	PK	Ver
2*	9.007GHz	-43.99	-13.00	-30.99	PK	Ver
3*	17.913GHz	-40.85	-13.00	-27.85	PK	Ver

Project: LGT23B071	Test Engineer: Dylan.shi
EUT: Smart Phone	Temperature: 26.7℃
M/N: CP12t	Humidity: 52%RH
Test Voltage: Battery	Test Data: 2023-03-12
Test Mode: WCDMA Band 4 Highest	
Note:	

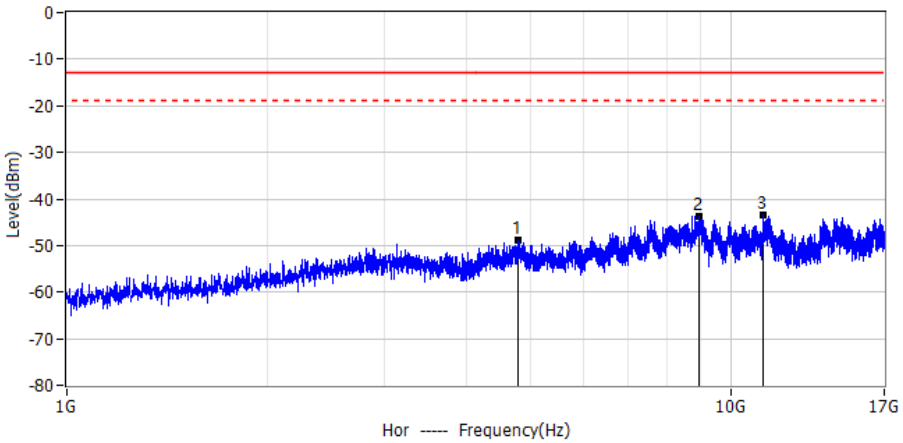


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	4.864GHz	-49.04	-13.00	-36.04	PK	Hor
2*	8.744GHz	-43.39	-13.00	-30.39	PK	Hor
3*	14.416GHz	-44.02	-13.00	-31.02	PK	Hor

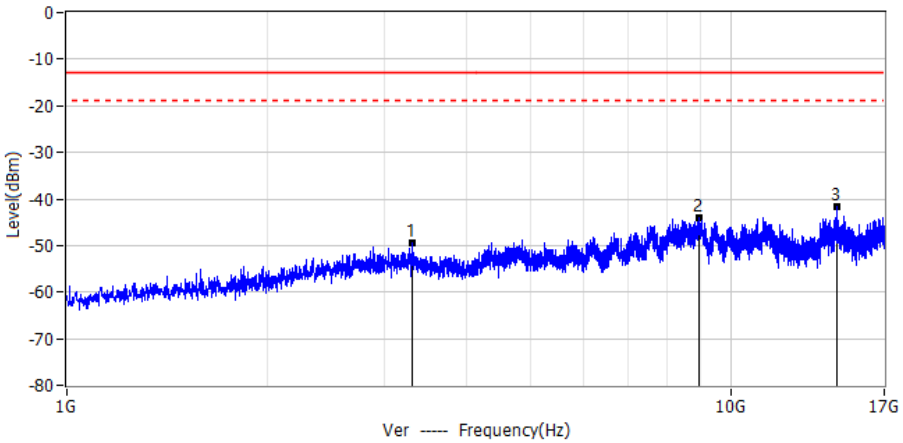


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	4.696GHz	-48.42	-13.00	-35.42	PK	Ver
2*	8.936GHz	-43.14	-13.00	-30.14	PK	Ver
3*	14.318GHz	-43.29	-13.00	-30.29	PK	Ver

Project: LGT23B071	Test Engineer: Dylan.shi
EUT: Smart Phone	Temperature: 26.7℃
M/N: CP12t	Humidity: 52%RH
Test Voltage: Battery	Test Data: 2023-03-12
Test Mode: WCDMA Band 4 Lowest	
Note:	

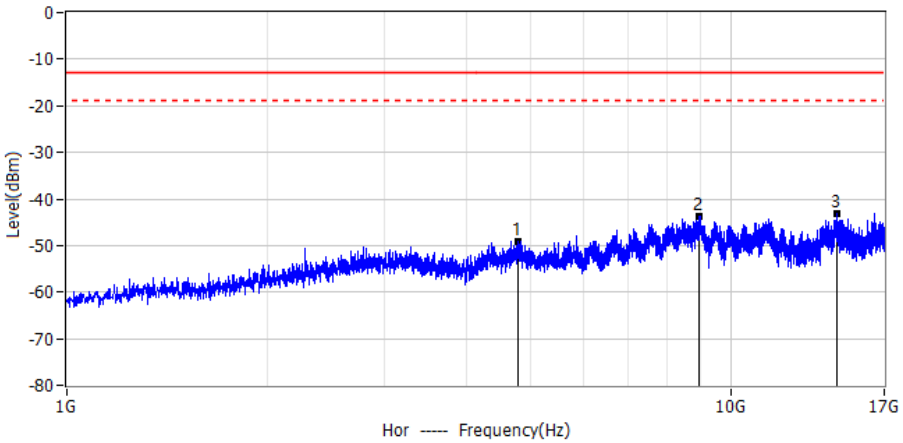


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	4.774GHz	-48.89	-13.00	-35.89	PK	Hor
2*	8.930GHz	-43.66	-13.00	-30.66	PK	Hor
3*	11.146GHz	-43.31	-13.00	-30.31	PK	Hor

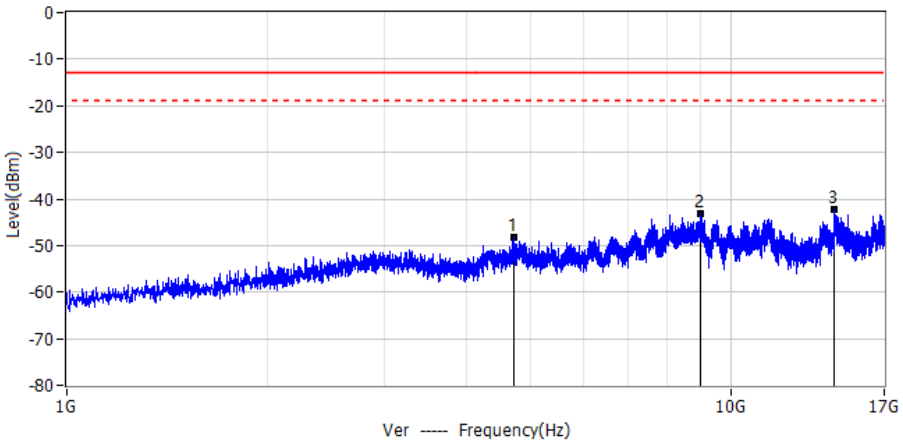


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	3.304GHz	-49.45	-13.00	-36.45	PK	Ver
2*	8.968GHz	-44.12	-13.00	-31.12	PK	Ver
3*	14.414GHz	-41.74	-13.00	-28.74	PK	Ver

Project: LGT23B071	Test Engineer: Dylan.shi
EUT: Smart Phone	Temperature: 26.7℃
M/N: CP12t	Humidity: 52%RH
Test Voltage: Battery	Test Data: 2023-03-12
Test Mode: WCDMA Band 4 Middle	
Note:	

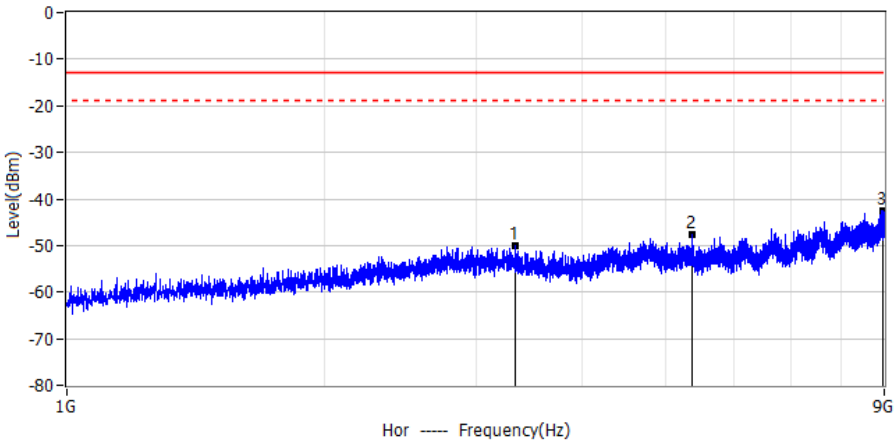


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	4.772GHz	-49.00	-13.00	-36.00	PK	Hor
2*	8.948GHz	-43.75	-13.00	-30.75	PK	Hor
3*	14.408GHz	-43.21	-13.00	-30.21	PK	Hor

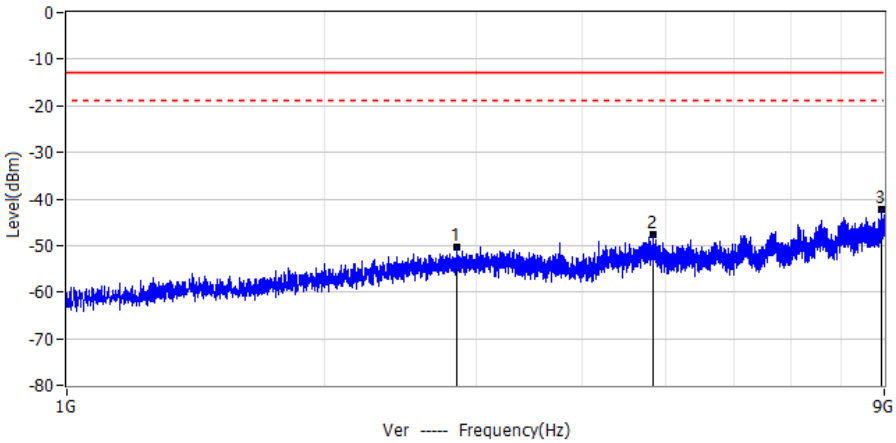


No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	4.710GHz	-48.32	-13.00	-35.32	PK	Ver
2*	8.996GHz	-43.14	-13.00	-30.14	PK	Ver
3*	14.292GHz	-42.19	-13.00	-29.19	PK	Ver

Project: LGT23B071	Test Engineer: Dylan.shi
EUT: Smart Phone	Temperature: 26.7℃
M/N: CP12t	Humidity: 52%RH
Test Voltage: Battery	Test Data: 2023-03-12
Test Mode: WCDMA Band 5 Highest	
Note:	



No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	3.335GHz	-49.99	-13.00	-36.99	PK	Hor
2*	5.374GHz	-47.51	-13.00	-34.51	PK	Hor
3*	8.982GHz	-42.56	-13.00	-29.56	PK	Hor



No.	Frequency	Level dBm	Limit dBm	Margin dB	Detector	Polar
1*	2.855GHz	-50.44	-13.00	-37.44	PK	Ver
2*	4.834GHz	-47.66	-13.00	-34.66	PK	Ver
3*	8.943GHz	-42.16	-13.00	-29.16	PK	Ver