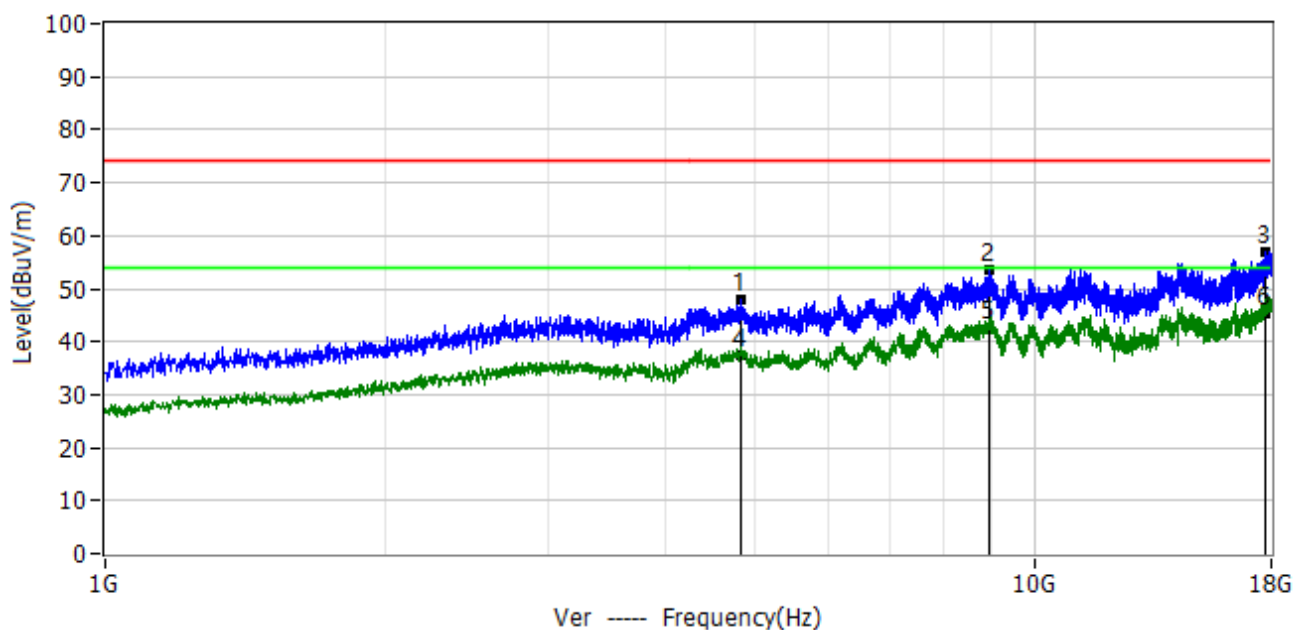




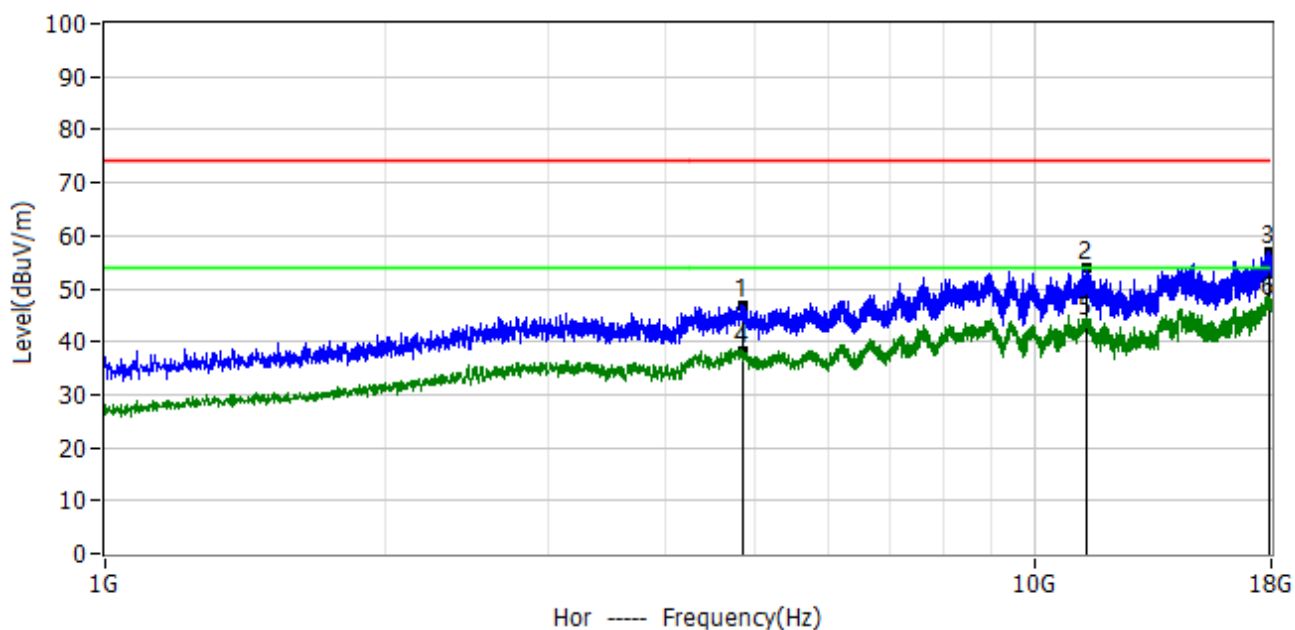
Project: LGT22L018	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 24.2°C
M/N: A181	Humidity: 49%RH
Test Voltage: Battery	Test Data: 2023-01-08
Test Mode: 802.11n20 5320	
Note:	



No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	4.823GHz	54.06	-6.00	48.06	74.00	-25.94	PK	Ver
2*	8.924GHz	54.79	-1.38	53.41	74.00	-20.59	PK	Ver
3*	17.700GHz	48.59	8.31	56.90	74.00	-17.10	PK	Ver
4*	4.823GHz	43.30	-6.00	37.30	54.00	-16.70	AV	Ver
5*	8.924GHz	44.18	-1.38	42.80	54.00	-11.20	AV	Ver
6*	17.700GHz	37.19	8.31	45.50	54.00	-8.50	AV	Ver



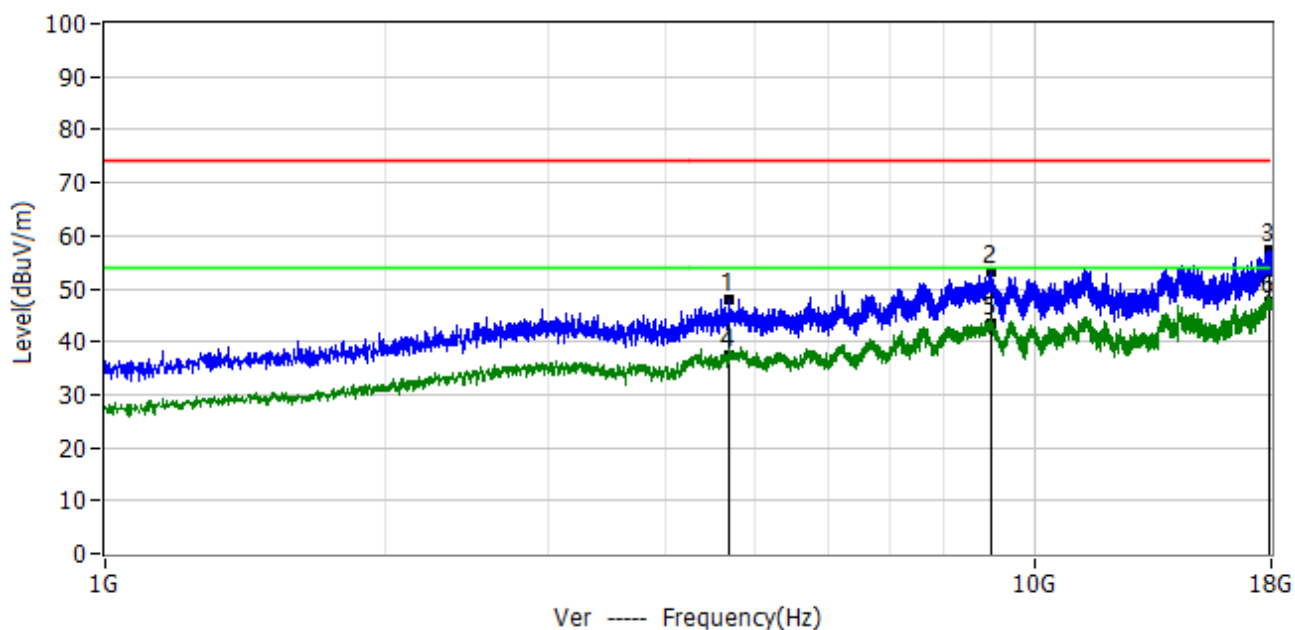
Project: LGT22L018	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 24.2°C
M/N: A181	Humidity: 49%RH
Test Voltage: Battery	Test Data: 2023-01-08
Test Mode: 802.11n20 5745	
Note:	



No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	4.846GHz	52.72	-6.02	46.70	74.00	-27.30	PK	Hor
2*	11.406GHz	52.04	1.87	53.91	74.00	-20.09	PK	Hor
3*	17.955GHz	48.61	8.49	57.10	74.00	-16.90	PK	Hor
4*	4.846GHz	44.32	-6.02	38.30	54.00	-15.70	AV	Hor
5*	11.406GHz	41.53	1.87	43.40	54.00	-10.60	AV	Hor
6*	17.955GHz	38.81	8.49	47.30	54.00	-6.70	AV	Hor



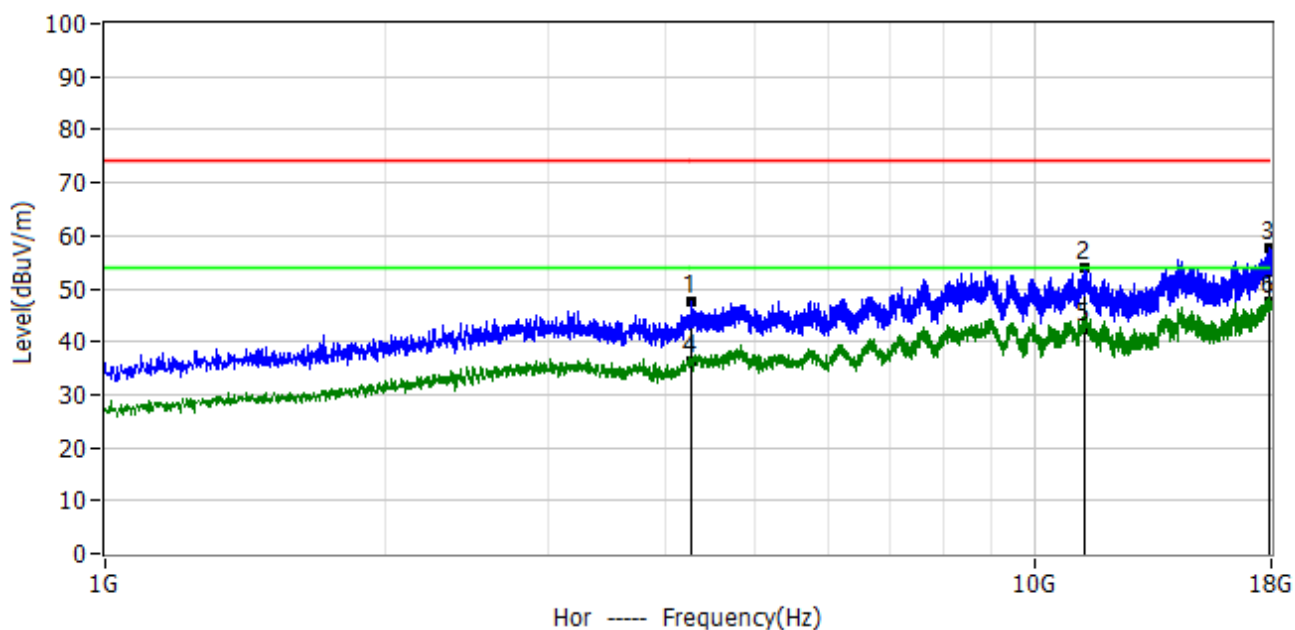
Project: LGT22L018	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 24.2°C
M/N: A181	Humidity: 49%RH
Test Voltage: Battery	Test Data: 2023-01-08
Test Mode: 802.11n20 5745	
Note:	



No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	4.698GHz	53.99	-5.91	48.08	74.00	-25.92	PK	Ver
2*	8.990GHz	54.56	-1.20	53.36	74.00	-20.64	PK	Ver
3*	17.913GHz	48.74	8.46	57.20	74.00	-16.80	PK	Ver
4*	4.698GHz	43.31	-5.91	37.40	54.00	-16.60	AV	Ver
5*	8.990GHz	44.50	-1.20	43.30	54.00	-10.70	AV	Ver
6*	17.913GHz	39.14	8.46	47.60	54.00	-6.40	AV	Ver



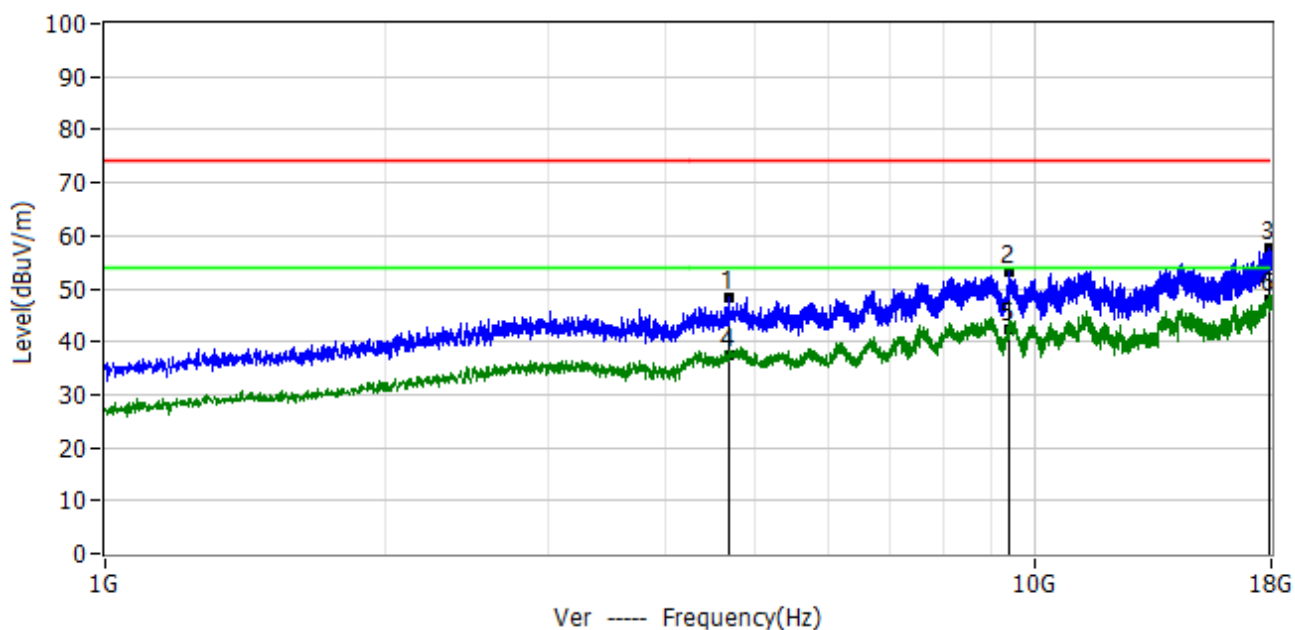
Project: LGT22L018	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 24.2°C
M/N: A181	Humidity: 49%RH
Test Voltage: Battery	Test Data: 2023-01-08
Test Mode: 802.11n20 5785	
Note:	



No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	4.281GHz	54.10	-6.68	47.42	74.00	-26.58	PK	Hor
2*	11.311GHz	52.18	1.81	53.99	74.00	-20.01	PK	Hor
3*	17.909GHz	49.13	8.46	57.59	74.00	-16.41	PK	Hor
4*	4.281GHz	42.98	-6.68	36.30	54.00	-17.70	AV	Hor
5*	11.311GHz	40.39	1.81	42.20	54.00	-11.80	AV	Hor
6*	17.909GHz	39.14	8.46	47.60	54.00	-6.40	AV	Hor



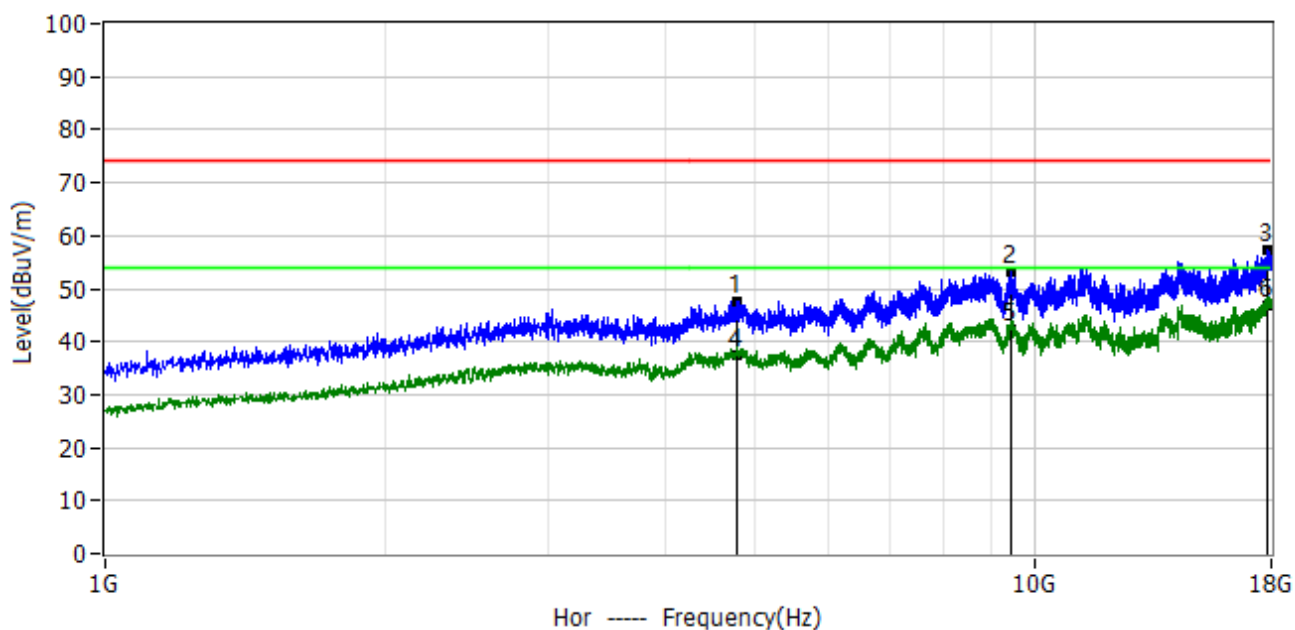
Project: LGT22L018	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 24.2°C
M/N: A181	Humidity: 49%RH
Test Voltage: Battery	Test Data: 2023-01-08
Test Mode: 802.11n20 5785	
Note:	



No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	4.695GHz	54.36	-5.91	48.45	74.00	-25.55	PK	Ver
2*	9.417GHz	54.49	-1.17	53.32	74.00	-20.68	PK	Ver
3*	17.907GHz	49.35	8.45	57.80	74.00	-16.20	PK	Ver
4*	4.695GHz	43.31	-5.91	37.40	54.00	-16.60	AV	Ver
5*	9.417GHz	43.67	-1.17	42.50	54.00	-11.50	AV	Ver
6*	17.907GHz	39.45	8.45	47.90	54.00	-6.10	AV	Ver



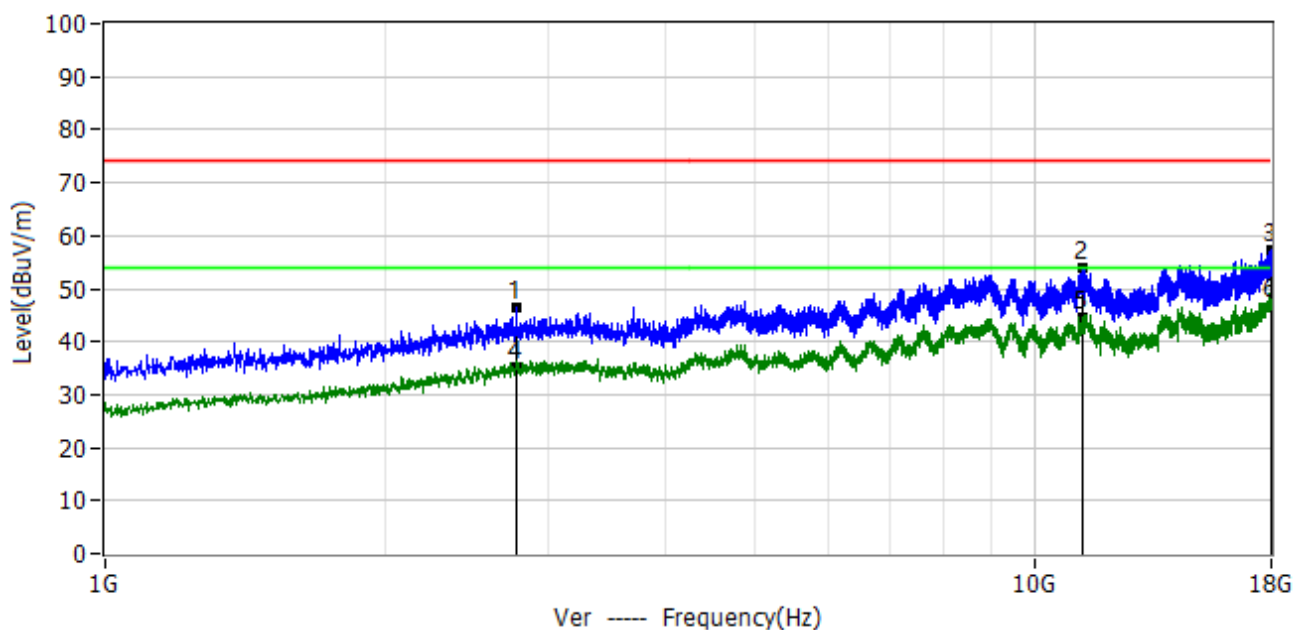
Project: LGT22L018	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 24.2°C
M/N: A181	Humidity: 49%RH
Test Voltage: Battery	Test Data: 2023-01-08
Test Mode: 802.11n20 5825	
Note:	



No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	4.776GHz	53.46	-5.97	47.49	74.00	-26.51	PK	Hor
2*	9.428GHz	54.26	-1.17	53.09	74.00	-20.91	PK	Hor
3*	17.792GHz	48.88	8.37	57.25	74.00	-16.75	PK	Hor
4*	4.776GHz	43.27	-5.97	37.30	54.00	-16.70	AV	Hor
5*	9.428GHz	43.57	-1.17	42.40	54.00	-11.60	AV	Hor
6*	17.792GHz	38.53	8.37	46.90	54.00	-7.10	AV	Hor



Project: LGT22L018	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 24.2°C
M/N: A181	Humidity: 49%RH
Test Voltage: Battery	Test Data: 2023-01-08
Test Mode: 802.11n20 5825	
Note:	

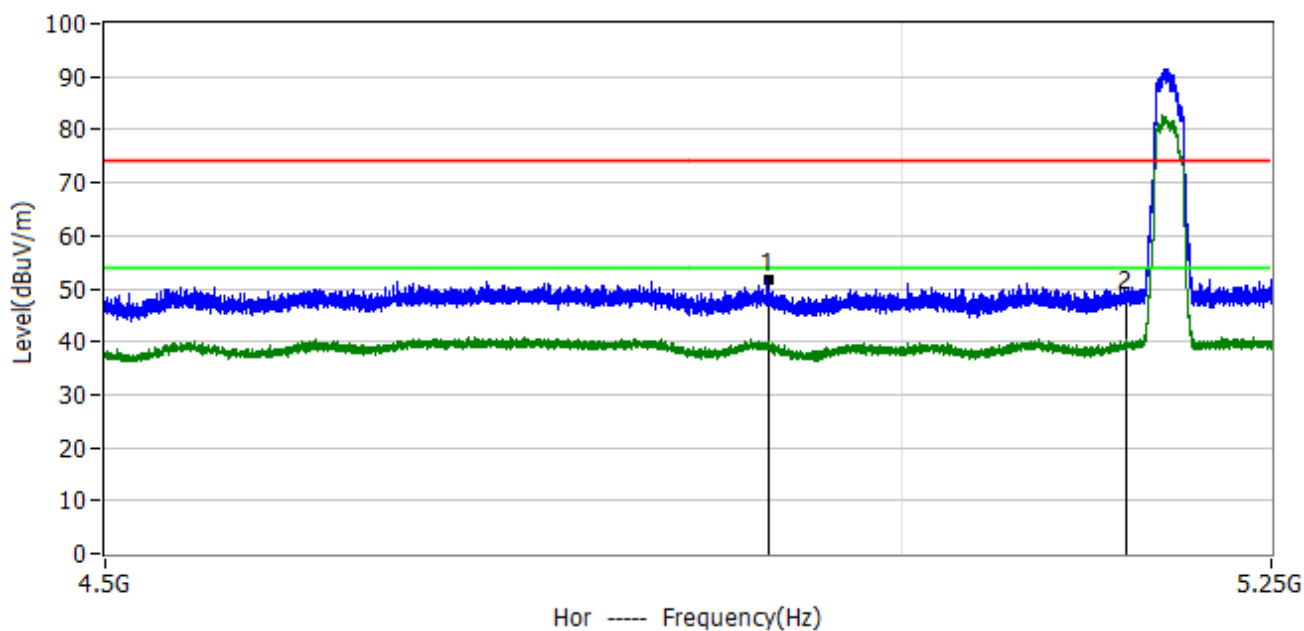


No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.772GHz	56.08	-9.54	46.54	74.00	-27.46	PK	Ver
2*	11.277GHz	52.28	1.79	54.07	74.00	-19.93	PK	Ver
3*	17.970GHz	48.94	8.50	57.44	74.00	-16.56	PK	Ver
4*	2.772GHz	44.64	-9.54	35.10	54.00	-18.90	AV	Ver
5*	11.277GHz	42.71	1.79	44.50	54.00	-9.50	AV	Ver
6*	17.970GHz	38.30	8.50	46.80	54.00	-7.20	AV	Ver



3.2.7 TEST RESULTS(Band edge Requirements)

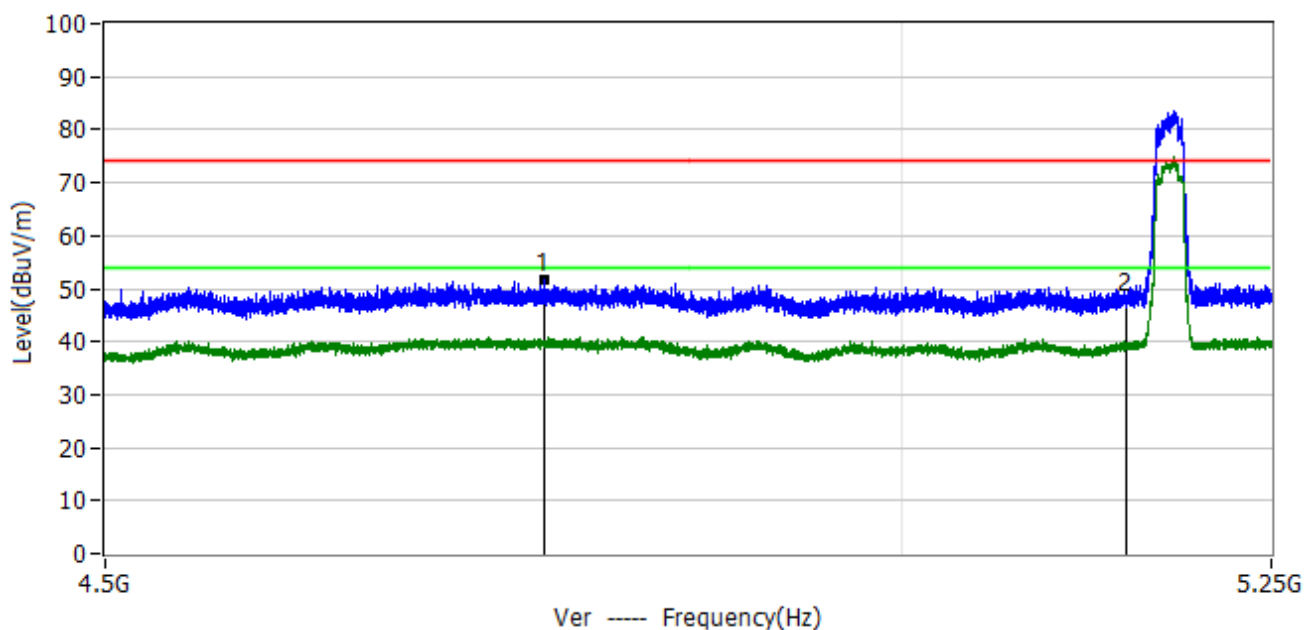
Project: LGT22L018	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 21.9°C
M/N: A181	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-01-11
Test Mode: 802.11n20 5180	
Note:	



No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	4.912GHz	57.94	-6.07	51.87	74.00	-22.13	PK	Hor
2*	5.150GHz	54.92	-6.62	48.30	74.00	-25.70	PK	Hor



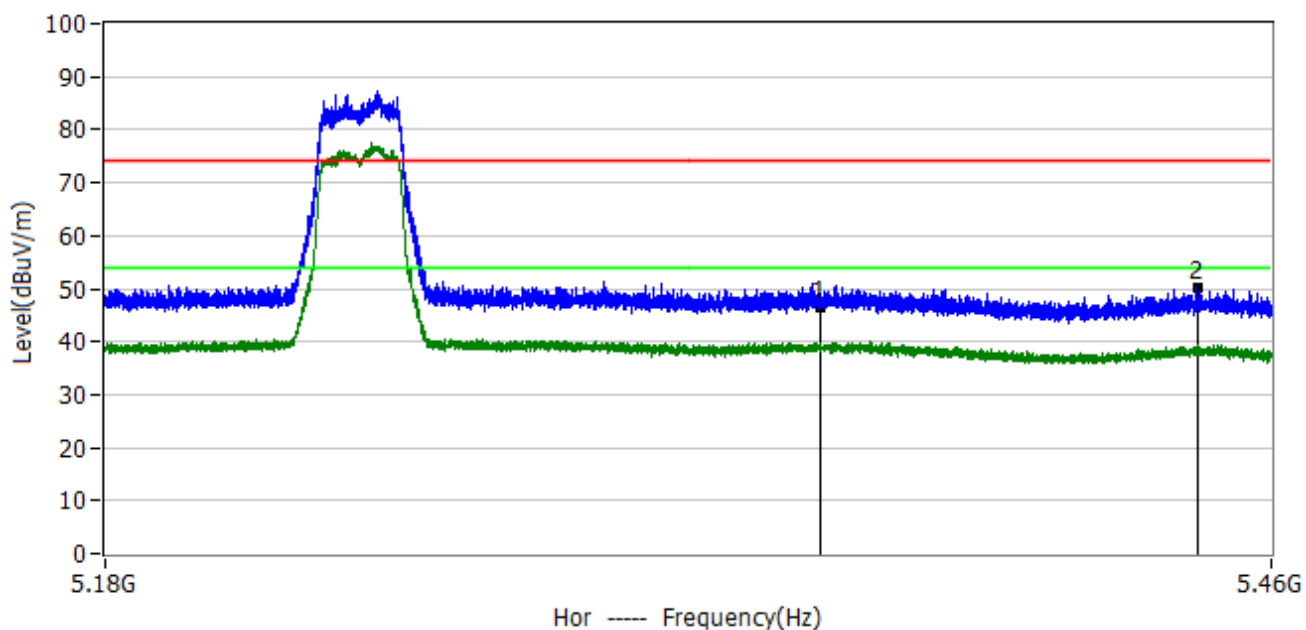
Project: LGT22L018	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 21.9°C
M/N: A181	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-01-11
Test Mode: 802.11n20 5180	
Note:	



No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	4.769GHz	57.68	-5.96	51.72	74.00	-22.28	PK	Ver
2*	5.150GHz	54.72	-6.62	48.10	74.00	-25.90	PK	Ver



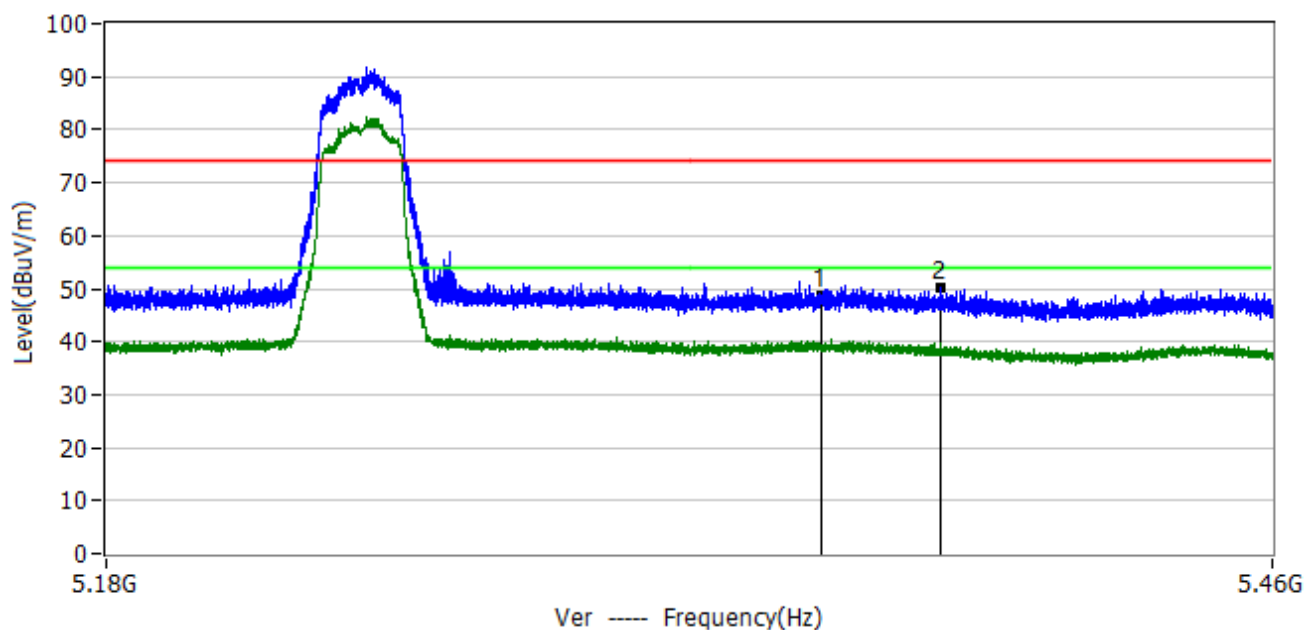
Project: LGT22L018	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 21.9°C
M/N: A181	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-01-11
Test Mode: 802.11n20 5240	
Note:	



No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	5.350GHz	53.76	-7.26	46.50	74.00	-27.50	PK	Hor
2*	5.442GHz	57.74	-7.55	50.19	74.00	-23.81	PK	Hor



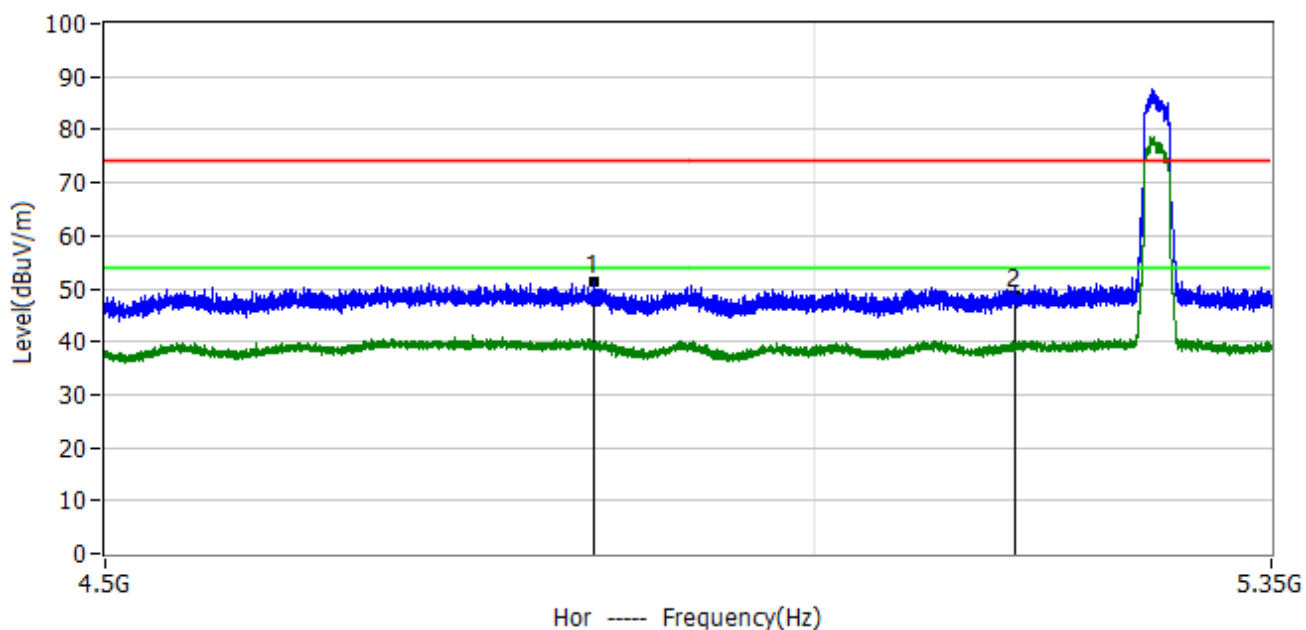
Project: LGT22L018	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 21.9°C
M/N: A181	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-01-11
Test Mode: 802.11n20 5180	
Note:	



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*	5.379GHz	57.61	-7.35	50.26	74.00	-23.74	PK	Ver



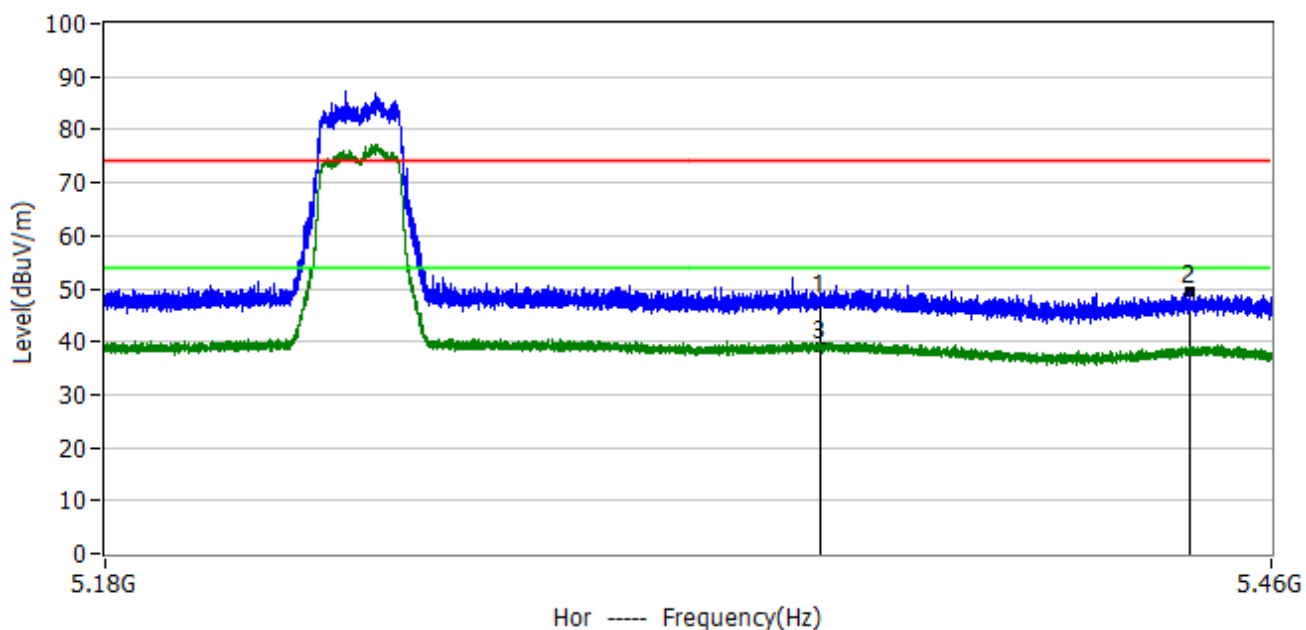
Project: LGT22L018	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 21.9°C
M/N: A181	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-01-11
Test Mode: 802.11n20 5260	
Note:	



No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	4.839GHz	57.18	-6.02	51.16	74.00	-22.84	PK	Hor
2*	5.150GHz	55.22	-6.62	48.60	74.00	-25.40	PK	Hor



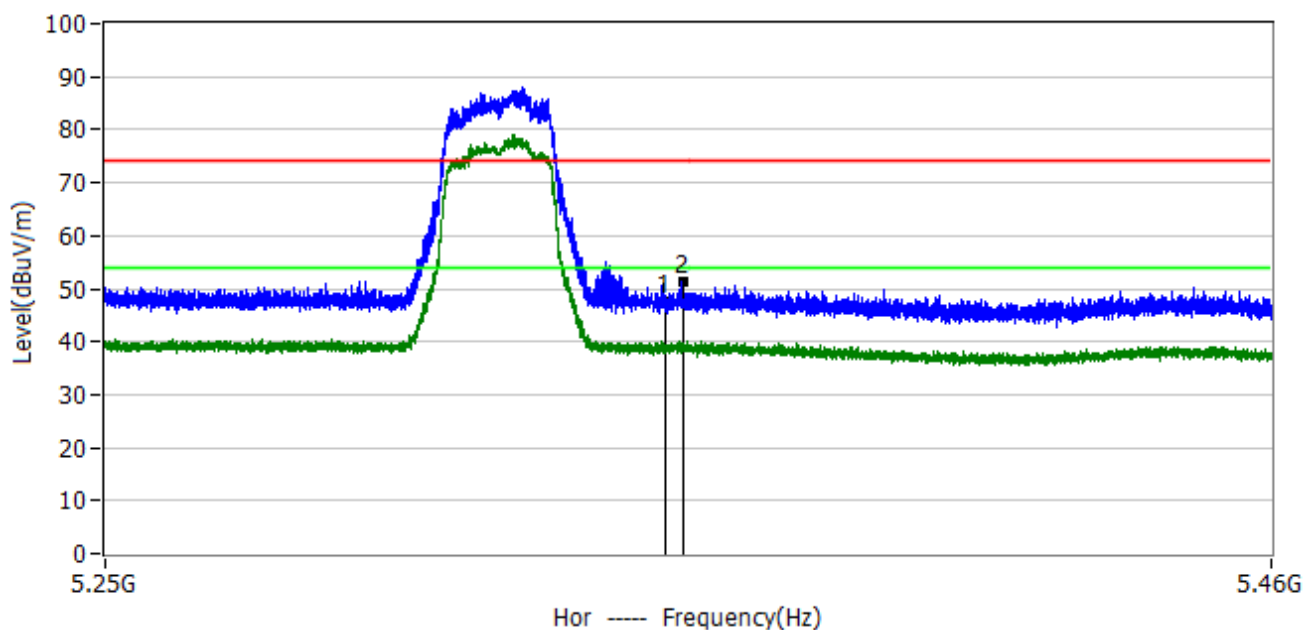
Project: LGT22L018	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 21.9°C
M/N: A181	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-01-11
Test Mode: 802.11n20 5260	
Note:	



No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	5.350GHz	54.76	-7.26	47.50	74.00	-26.50	PK	Ver
2*	5.440GHz	56.90	-7.55	49.35	74.00	-24.65	PK	Ver
3*	5.350GHz	46.26	-7.26	39.00	54.00	-15.00	AV	Ver



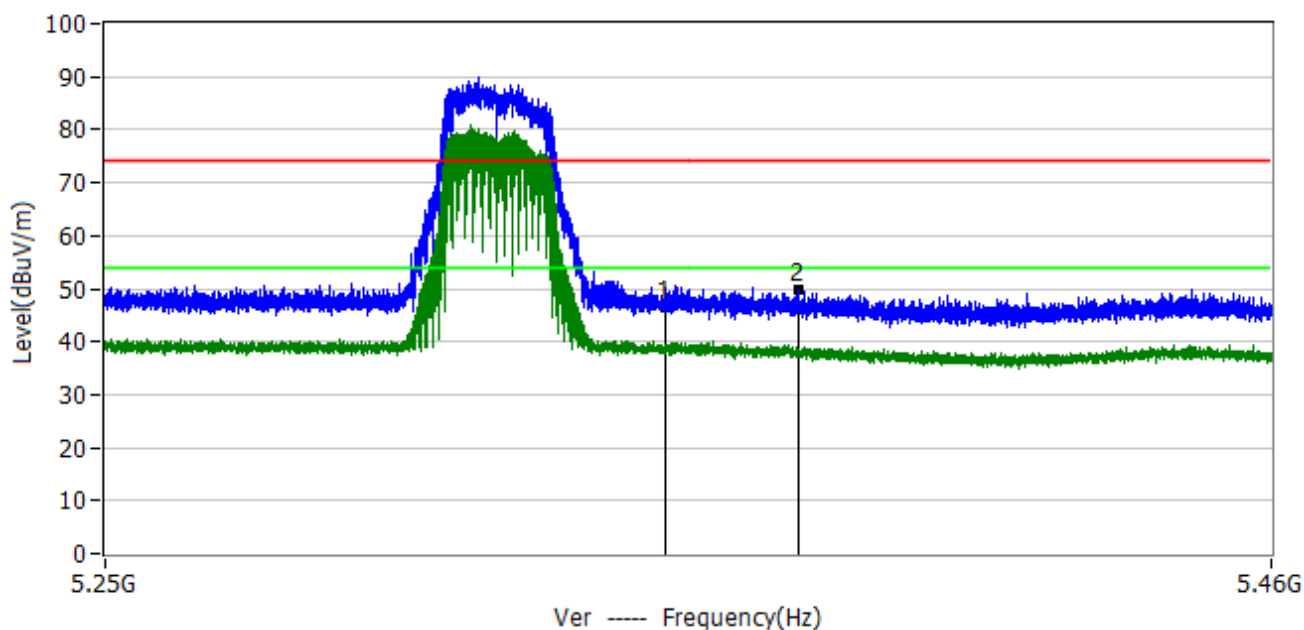
Project: LGT22L018	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 21.9°C
M/N: A181	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-01-11
Test Mode: 802.11n20 5320	
Note:	



No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	5.350GHz	54.76	-7.26	47.50	74.00	-26.50	PK	Hor
2*	5.353GHz	58.62	-7.27	51.35	74.00	-22.65	PK	Hor



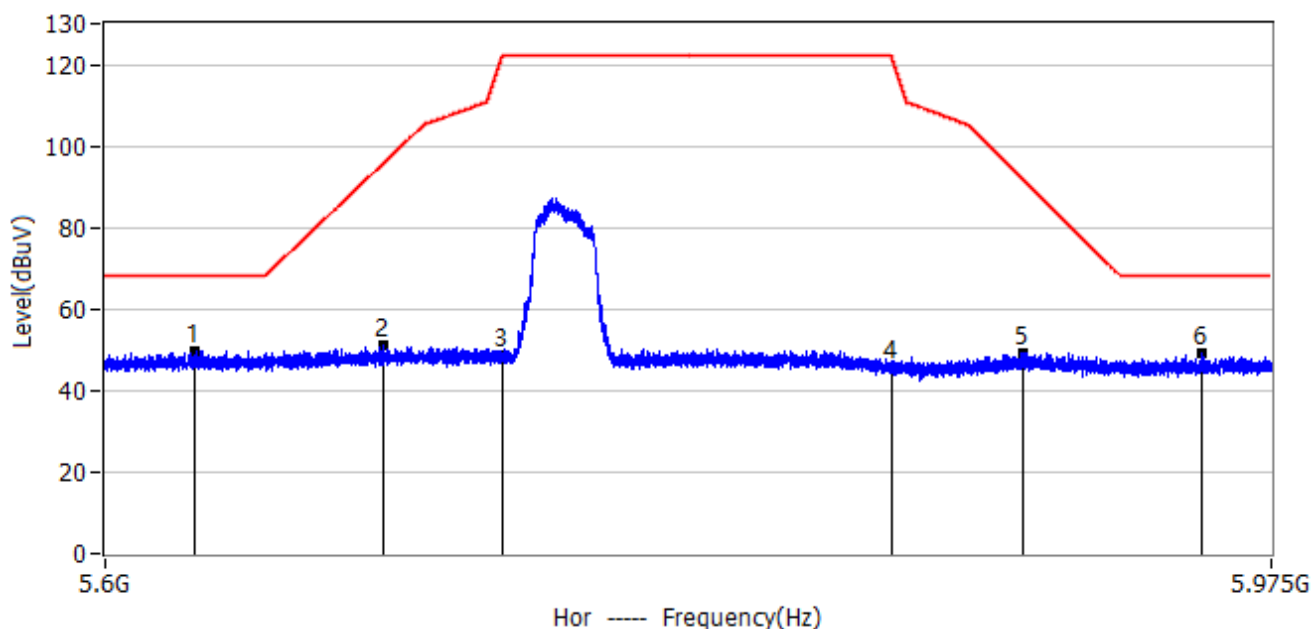
Project: LGT22L018	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 21.9°C
M/N: A181	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-01-11
Test Mode: 802.11n20 5320	
Note:	



No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	5.350GHz	53.66	-7.26	46.40	74.00	-27.60	PK	Ver
2*	5.374GHz	57.31	-7.34	49.97	74.00	-24.03	PK	Ver



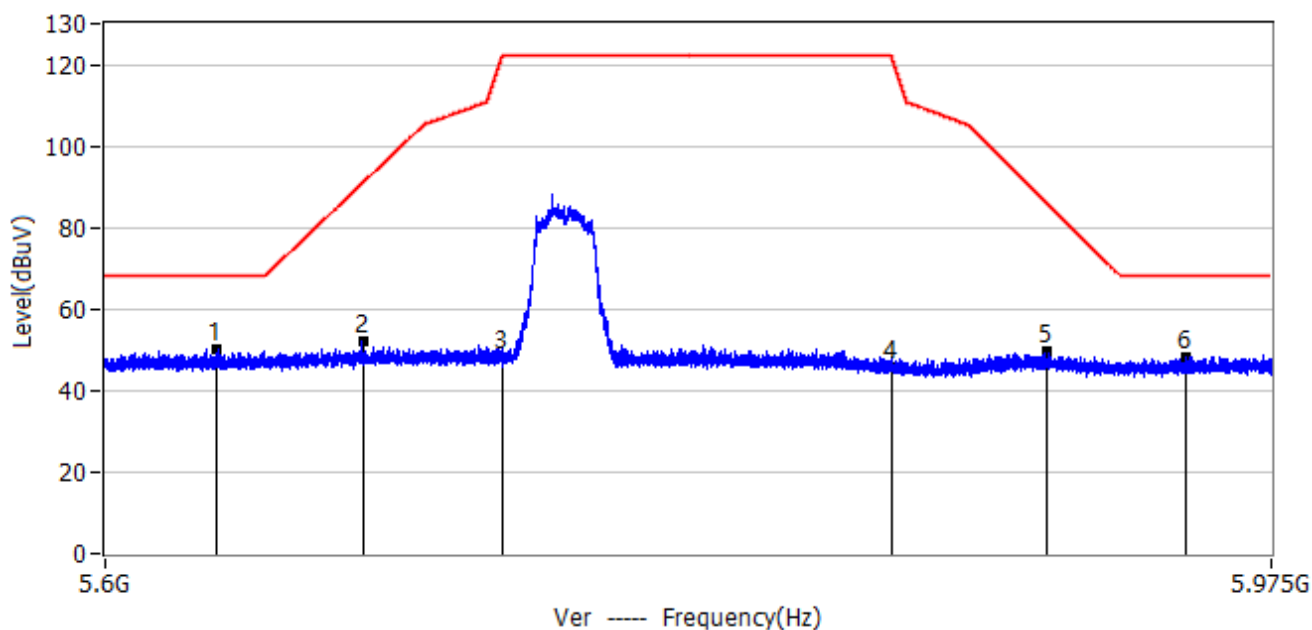
Project: LGT22L018	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 21.9°C
M/N: A181	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-01-11
Test Mode: 802.11n20 5745	
Note:	



No.	Frequency	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Margin dB	Detector	Polar
1*	5.628GHz	57.28	-7.69	49.59	68.20	-18.61	PK	Hor
2*	5.687GHz	58.61	-7.67	50.94	95.68	-44.74	PK	Hor
3*	5.725GHz	56.45	-7.65	48.80	122.20	-73.40	PK	Hor
4*	5.850GHz	53.50	-7.60	45.90	122.20	-76.30	PK	Hor
5*	5.893GHz	56.84	-7.58	49.26	92.14	-42.89	PK	Hor
6*	5.952GHz	56.95	-7.56	49.39	68.20	-18.81	PK	Hor



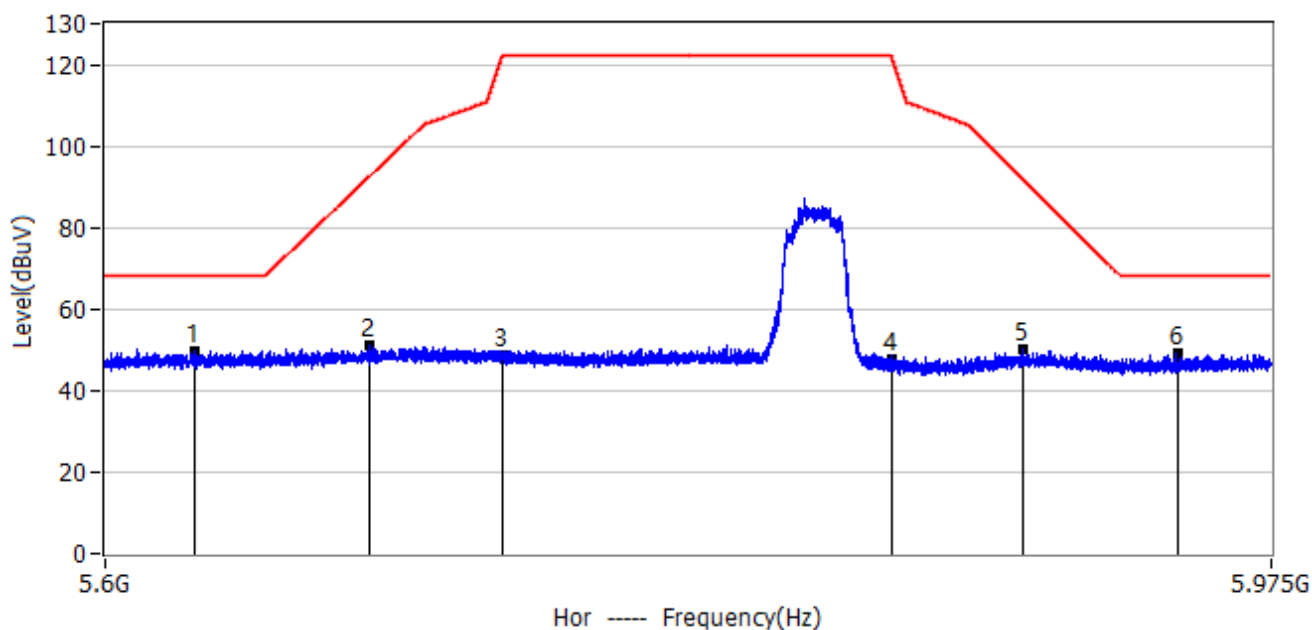
Project: LGT22L018	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 21.9°C
M/N: A181	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-01-11
Test Mode: 802.11n20 5745	
Note:	



No.	Frequency	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Margin dB	Detector	Polar
1*	5.635GHz	58.03	-7.69	50.34	68.20	-17.86	PK	Ver
2*	5.681GHz	59.65	-7.67	51.98	90.83	-38.86	PK	Ver
3*	5.725GHz	55.85	-7.65	48.20	122.20	-74.00	PK	Ver
4*	5.850GHz	53.20	-7.60	45.60	122.20	-76.60	PK	Ver
5*	5.901GHz	57.00	-7.58	49.42	85.69	-36.27	PK	Ver
6*	5.947GHz	56.00	-7.56	48.44	68.20	-19.76	PK	Ver



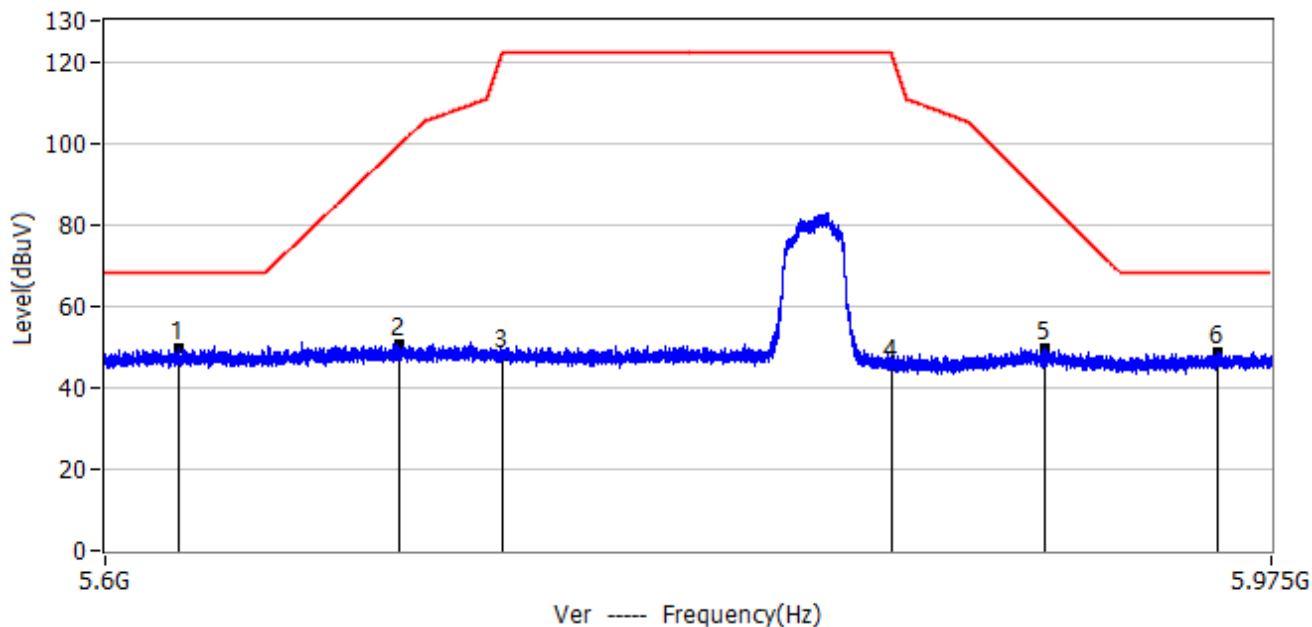
Project: LGT22L018	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 21.9°C
M/N: A181	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-01-11
Test Mode: 802.11n20 5825	
Note:	



No.	Frequency	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Margin dB	Detector	Polar
1*	5.628GHz	57.26	-7.69	49.57	68.20	-18.63	PK	Hor
2*	5.683GHz	58.57	-7.67	50.90	92.56	-41.67	PK	Hor
3*	5.725GHz	56.35	-7.65	48.70	122.20	-73.50	PK	Hor
4*	5.850GHz	55.20	-7.60	47.60	122.20	-74.60	PK	Hor
5*	5.893GHz	57.54	-7.58	49.96	91.59	-41.63	PK	Hor
6*	5.944GHz	56.51	-7.56	48.95	68.20	-19.25	PK	Hor



Project: LGT22L018	Test Engineer: Dylan.shi
EUT: Smartphone	Temperature: 21.9°C
M/N: A181	Humidity: 62%RH
Test Voltage: Battery	Test Data: 2023-01-11
Test Mode: 802.11n20 5825	
Note:	



No.	Frequency	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Margin dB	Detector	Polar
1*	5.623GHz	57.58	-7.69	49.89	68.20	-18.31	PK	Ver
2*	5.692GHz	58.31	-7.66	50.65	99.21	-48.56	PK	Ver
3*	5.725GHz	55.35	-7.65	47.70	122.20	-74.50	PK	Ver
4*	5.850GHz	53.00	-7.60	45.40	122.20	-76.70	PK	Ver
5*	5.900GHz	57.19	-7.58	49.61	86.45	-36.84	PK	Ver
6*	5.957GHz	56.21	-7.56	48.65	68.20	-19.55	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 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 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 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

1. 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 $11 \text{ dBm} + 10 \log (26 \text{ dB emission bandwidth})$	5250-5350 5470-5725	
15.407(a) (3)		1 watt	5725-5825	

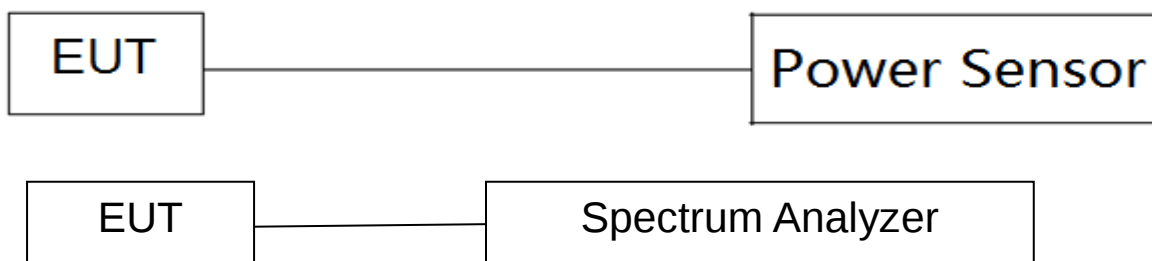
6.2 TEST PROCEDURE

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.



7. AUTOMATICALLY DISCONTINUE TRANSMISSION

7.1 LIMIT OF AUTOMATICALLY DISCONTINUE TRANSMISSION

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

7.2 TEST RESULT OF AUTOMATICALLY DISCONTINUE TRANSMISSION

During no any information transmission, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission



8. ANTENNA REQUIREMENT

8.1 STANDARD REQUIREMENT

Part 15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

8.2 EUT ANTENNA

The EUT antenna is PIFA Antenna with RP-SMA connector. It comply with the standard requirement.



APPENDIX I: TEST RESULTS

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	56.8	2.46	8.55
NVNT	a	5200	Ant1	56.8	2.46	8.55
NVNT	a	5240	Ant1	56.8	2.46	8.55
NVNT	a	5260	Ant1	56.8	2.46	8.55
NVNT	a	5300	Ant1	56.8	2.46	8.55
NVNT	a	5320	Ant1	56.8	2.46	8.55
NVNT	a	5745	Ant1	56.8	2.46	8.55
NVNT	a	5785	Ant1	56.8	2.46	8.55
NVNT	a	5825	Ant1	56.8	2.46	8.55
NVNT	n20	5180	Ant1	56.59	2.47	8.62
NVNT	n20	5200	Ant1	56.59	2.47	8.62
NVNT	n20	5240	Ant1	56.59	2.47	8.62
NVNT	n20	5260	Ant1	56.59	2.47	8.62
NVNT	n20	5300	Ant1	56.59	2.47	8.62
NVNT	n20	5320	Ant1	56.59	2.47	8.62
NVNT	n20	5745	Ant1	56.59	2.47	8.62
NVNT	n20	5785	Ant1	56.59	2.47	8.62
NVNT	n20	5825	Ant1	56.59	2.47	8.62
NVNT	n40	5190	Ant1	46.36	3.34	13.07
NVNT	n40	5230	Ant1	46.36	3.34	13.07
NVNT	n40	5270	Ant1	46.36	3.34	13.07
NVNT	n40	5310	Ant1	46.36	3.34	13.07
NVNT	n40	5755	Ant1	46.36	3.34	13.07
NVNT	n40	5795	Ant1	46.36	3.34	13.07
NVNT	ac80	5210	Ant1	41.72	3.8	15.87
NVNT	ac80	5290	Ant1	41.72	3.8	15.87
NVNT	ac80	5775	Ant1	41.72	3.8	15.87

