

11. SETUP PHOTOS

Please refer to 16064952-EP1 for setup photos.

12. APPENDIX A – SPOT CHECK EVALUATION

12.1. MODEL DIFFERENCES

The manufacturer hereby declares the following for models A3447, A3719, A3720 and A3721. These models are very similar, with only the following differences.

Model	IC ID	FCC ID	Feature Difference	Sim Support	Reference Model
A3447	579C-E9188A	BCG-E9188A	-With FR2 -No LTE B11, B21	eSIM	-
A3719	579C-E9198A	BCG-E9198A	-Without FR2 -Added LTE B11, B21	eSIM	A3472
A3720	579C-E9203A	BCG-E9203A	-Without FR2 -No LTE/5GNR B14, B29, B71 -No LTE B11, B21	eSIM	
A3721	579C-E9204A	BCG-E9204A	-Without FR2 -No LTE/5GNR B14, B29, B71, B53 -No LTE B11, B21, MSS	eSIM	

Note:

- All Models use the same System, Cellular and Connectivity radio electrical schematics.
- Removal of LTE/ 5GNR bands on models either done by software or de-population of related components. Please refer to data reuse test plan for details.
- All Models use the same Applications Processor and PMU.
- All Models use the same UICC hardware/software interface.
- All Models run the same Baseband firmware and iOS software.

The spot check plan allows for data reuse from the reference model where the variant model data meets the limits and has not changed by more than the criteria from KDB 484596 D01 v03 equation (4).

$$d_{dBmax}(M_{dB}) = \begin{cases} (3 + M_{dB}/20) \text{ dB} & , \text{ for } 0 \leq M_{dB} \leq 60 \text{ dB} \\ 6 \text{ dB} & , \text{ for } M_{dB} > 60 \text{ dB} \end{cases} \quad (4)$$

Where: d_{dB} deviation from Reference data, V_{dB} variant spot check level, and R_{dB} measurement level

12.2. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3719

A3719 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	Mode	Data Rate	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3447	Sub Model: A3719	Delta (dB)	Margin	Remarks
							FCC ID : BCG-E9188A IC : 579C-E9188A	FCC ID : BCG-E9198A IC : 579C-E9198A			
DTS/WLAN	2.4	802.11be EHT20 (CDD MIMO) High Power SU	MCS9	Output Power (dBm)	Channel 6	2.437	24.18	24.15	-0.03	-5.82	Note 1
		802.11n HT20 (SISO ANT 3) High Power State A	MCS7	Radiated Bandedge (dBuV/m)	High	Horizontal High Bandedge AVG 2.457	51.55	49.54	-2.01	-2.45	Note 1
		Worst Case	CW	RSE (dBuV/m)	Mid	Vertical QP 0.3415 GHz	33.48	33.35	-0.13	-6.52	Note 1

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.

Note 2: Deviation from reference to variant exceeds the value allowed by equation (4) in KDB 484596. Additional tests performed on second channel.

12.3. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3720

A3719 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	Mode	Data Rate	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3447	Sub Model: A3720	Delta (dB)	Margin	Remarks
							FCC ID : BCG-E9188A IC : 579C-E9188A	FCC ID : BCG-E9203A IC : 579C-E9203A			
DTS/WLAN	2.4	802.11be EHT20 (CDD MIMO) High Power SU	MCS9	Output Power (dBm)	Channel 6	2.437	24.18	24.13	-0.05	-5.82	Note 1
		802.11n HT20 (SISO ANT 3) High Power State A	MCS7	Radiated Bandedge (dBuV/m)	High	Horizontal High Bandedge AVG 2.457	51.55	51.85	0.30	-2.45	Note 1
		Worst Case	CW	RSE (dBuV/m)	Mid	Vertical QP 0.3415 GHz	33.48	32.09	-1.39	-6.52	Note 1

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.

Note 2: Deviation from reference to variant exceeds the value allowed by equation (4) in KDB 484596. Additional tests performed on second channel.

12.4. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3721

A3721 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	Mode	Data Rate	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3447	Sub Model: A3721	Delta (dB)	Margin	Remarks
							FCC ID : BCG-E9188A IC : 579C-E9188A	FCC ID : BCG-E9204A IC : 579C-E9204A			
DTS/WLAN	2.4	802.11be EHT20 (CDD MIMO) High Power SU	MCS9	Output Power (dBm)	Channel 6	2.437	24.18	24.14	-0.04	3.18	Note 1
		802.11n HT20 (SISO ANT 3) High Power State A	MCS7	Radiated Bandedge (dBuV/m)	High	Horizontal High Bandedge AVG 2.457	51.55	50.54	-1.01	-2.45	Note 1
		Worst Case	CW	RSE (dBuV/m)	Mid	Vertical QP 0.3415 GHz	33.48	34.77	1.29	-6.52	Note 1

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.

Note 2: Deviation from reference to variant exceeds the value allowed by equation (4) in KDB 484596. Additional tests performed on second channel.