

Reference Device	Variant Device	Key differences
FCC ID: UZ7TC58AE	FCC ID: UZ7TC58BE	The only difference between UZ7TC58AE and UZ7TC58BE are the WWAN support bands, which is controlled by software.

ECR Inquiry for Data Referencing has been approved by FCC. The spot check data is available in "*TR Spot Check Evaluation*" to justify the data referencing

Cross Reference Table for RF

Part 15C_Bluetooth:

Rule Part	Test Items	Data Referencing	Comments
15.247(a)(1)	Number of Channels	Y	TR Part 15C Bluetooth pt. 1 TR Part 15C Bluetooth pt. 2 TR Part 15C Bluetooth pt. 3
15.247(a)(1)	Hopping Channel Separation	Y	
15.247(a)(1)	Dwell Time of Each Channel	Y	
15.247(a)(1)	20dB Bandwidth	Y	
2.1049	99% Occupied Bandwidth	Y	
15.247(b)(1) 15.247(b)(4)	Peak Output Power	Y	
15.247(d)	Conducted Band Edges	Y	
15.247(d)	Conducted Spurious Emission	Y	
15.247(d)	Radiated Band Edges and Radiated Spurious Emission	Y	
15.207	AC Conducted Emission	Y	

Part 15C_BLE and WLAN 2.4GHz:

Rule Part	Test Items	Data Referencing	Comments
15.247(a)(2)	6dB Bandwidth	Y	Test Report Part15C Bluetooth LE Test Report Part15C WLAN 2.4G pt. 1 Test Report Part15C WLAN 2.4G pt. 2
2.1049	99% Occupied Bandwidth	Y	
15.247(b)	Power Output Measurement	Y	
15.247(e)	Power Spectral Density	Y	
15.247(d)	Conducted Band Edges	Y	
15.247(d)	Conducted Spurious Emission	Y	
15.247(d)	Radiated Band Edges and Radiated Spurious Emission	Y	
15.207	AC Conducted Emission	Y	

Part 15E_WLAN 5GHz:

Rule Part	Test Items	Data Referencing	Comments
15.403(i)	26dB Bandwidth	Y	TR Part 15E Band 1-3 pt. 1 TR Part 15E Band 1-3 pt. 2 TR Part 15E Band 1-3 pt. 3 Test Report Part 15E Band 4
2.1049	99% Occupied Bandwidth	Y	
15.407(a)	Maximum Conducted Output Power	Y	
15.407(a)	Power Spectral Density	Y	
15.407(b)	Unwanted Emissions	Y	
15.207	AC Conducted Emission	Y	
15.407(h)	DFS	N	Test Report Part 15E DFS

Part 15E_WLAN 6GHz:

Rule Part	Test Items	Data Referencing	Comments
15.407(a)(10)	26dB Bandwidth	Y	Pt1 TC58AE TR Pt15E 5-8 Indoor Client Pt2 TC58AE TR Pt15E 5-8 Indoor Client Pt3 TC58AE TR Pt15E 5-8 Indoor Client Pt4 TC58AE TR Pt15E 5-8 Indoor Client Pt5 TC58AE TR Pt15E 5-8 Indoor Client Pt1 TC58AE TR Pt15E 5-8 Standard Client Pt2 TC58AE TR Pt15E 5-8 Standard Client Pt3 TC58AE TR Pt15E 5-8 Standard Client
2.1049	99% Occupied Bandwidth	Y	
15.407(a)(8)	Fundamental Maximum EIRP	Y	
15.407(a)(8)	Fundamental Power Spectral Density	Y	
15.407(b)(7)	In-Band Emissions (Channel Mask)	Y	
15.407(d)(6)	Contention Based Protocol	Y	
15.407(b)	Unwanted Emissions	Y	
15.207	AC Conducted Emission	Y	

Part 15C_NFC:

Rule Part	Test Items	Data Referencing	Comments
Part 15.255	NFC All test cases	N	Test Report Part 15C NFC

Part 22,24,27,90_WWAN

Rule Part	Test Items	Data Referencing	Comments
Part 22, 24, 25, 27, 90	GSM/WCDMA/LTE/NR bands All test cases	N	TR Parts 22,24,27 GSM WCDMA TR Parts 22,24,27,90 LTE TR Parts 22,24,27,90 5GNR