

DATE : 18 August 2025
MODE: nRF52833 in Peripheral (Advertiser)

[illegible]

SR. NO.	DISTANCE between	Measured RSSI										AVG RSSI
		1	2	3						4	5	
	TX POWER ---> 1] nRF52833 : +4 dBm 2] nRF21540 : 0 dBm											
1	1 meter											
3	3 meter											
4	5.5 meter											
	TX POWER ---> 1] nRF52833 : +4 dBm 2] nRF21540 : +10 dBm											
5	1 meter	-48	-48	-50						-52	-51	-49.8
						RSSI VALUE TO DISTANCE						1.53m
7	3 meter	-67	-64	-55	-61	-68	-66	-64	-59	-66	57	-62.3
						RSSI VALUE TO DISTANCE						3.53m
8	5.5 meter	-56	-60	-57	-62	-64	60	-63	-62	-57	62	-60.3
						RSSI VALUE TO DISTANCE						2.97m

	TX POWER ----> 1] nRF52833 : +4 dBm 2] nRF21540 : +20 dBm											
9	1 meter	-31	-33	-32						-33	-31	-32
						RSSI VALUE TO DISTANCE						0.25m
11	3 meter	-44	-53	-42	-48	-54	-48	-51	-41	-52	-49	-48.2
						RSSI VALUE TO DISTANCE						1.14m
12	5.5 meter	-48	-46	-47	-49	-47	-52	-48	-46	-49	-51	-48.3
						RSSI VALUE TO DISTANCE						1.15m

[illegible]