



Coverage plots – EE NTQ Site Specific

Project	MP03477
NTQ Site Name	CLEGG WOOLS LTD
NTQ MBNL ID	KKS011
NTQ TM Cell ID	53340
NTQ Common Site ID	978269

NTQ Overview

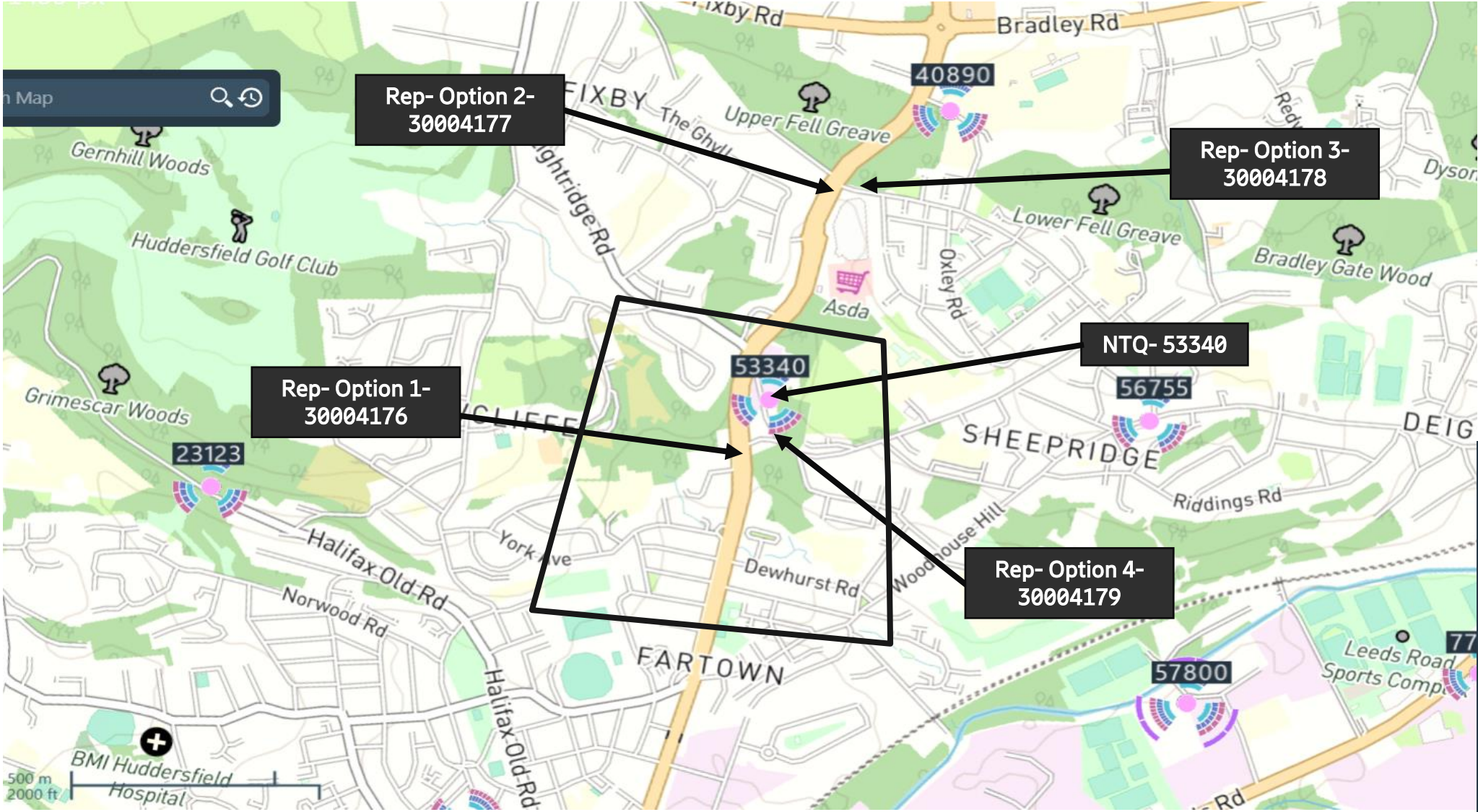


Summary

- Aim of this pack is to identify Perm replacement site to restore the coverage loss after NTQ has turned off.
- The NTQ site is mainly covering the section A641, Asda Huddersfield Superstore, Ashbrow School, Empower - Movement and Wellbeing Studio and nearby residential & commercial areas.
- Based on the coverage analysis, Bradford Road (Site ID # 30004176) is recommended to progress as a perm replacement.

Option	Common Site ID	REP Site Name	REP Cell type	Overall Preference
1	30004176	Bradford Road	SW	Nominating as a perm rep
2	30004177	Long Hill Bus Stop	SW	
3	30004178	Long Hill Road	SW	
4	30004179	Ashbrow Road	GF(SW)	Nominating as a perm backup rep

Area Map with Options & BT ICA Polygon



NTQ Details



NTQ Details		
TM cell ID		53340
MBNL ID		KKS011
Common site ID		978269
Site Name		CLEGG WOOLS LTD
Site Type		RT
Antenna Height (m)		23.7
NTQ Exit Forecast Date		31/12/2026
Technologies/Bands		
GSM		YES
UMTS		NO
LTE	800	NO
	1800	YES
	2100	YES
	2600	NO
NR	700	NO
	1800	YES
	2100	YES
	2600	NO
	3500	NO

Candidate Details



	Option 1	Option 2	Option 3	Option 4
Common Site ID	30004176	30004177	30004178	30004179
Site Name	Bradford Road	Long Hill Bus Stop	Long Hill Road	Ashbrow Road
NGR	E:414640 N:419062	E:414741 N:419792	E:414816 N:419807	E:414693 N:419125
Bearing	310/70/190	310/70/190	320/80/200	340/100/220
L1800 - E-Tilt	2/2/2	2/2/2	2/2/2	2/2/2
L800 - E-Tilt	7/7/7	7/7/7	7/7/7	7/7/7
Antenna Height C/L (m)	16.64	16.64	16.64	16.64
Ground Height (m)	103	138	139	116
Antenna Type	DANT64	DANT64	DANT64	DANT64
Site Type	SW	SW	SW	SW

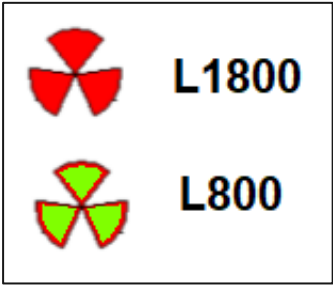
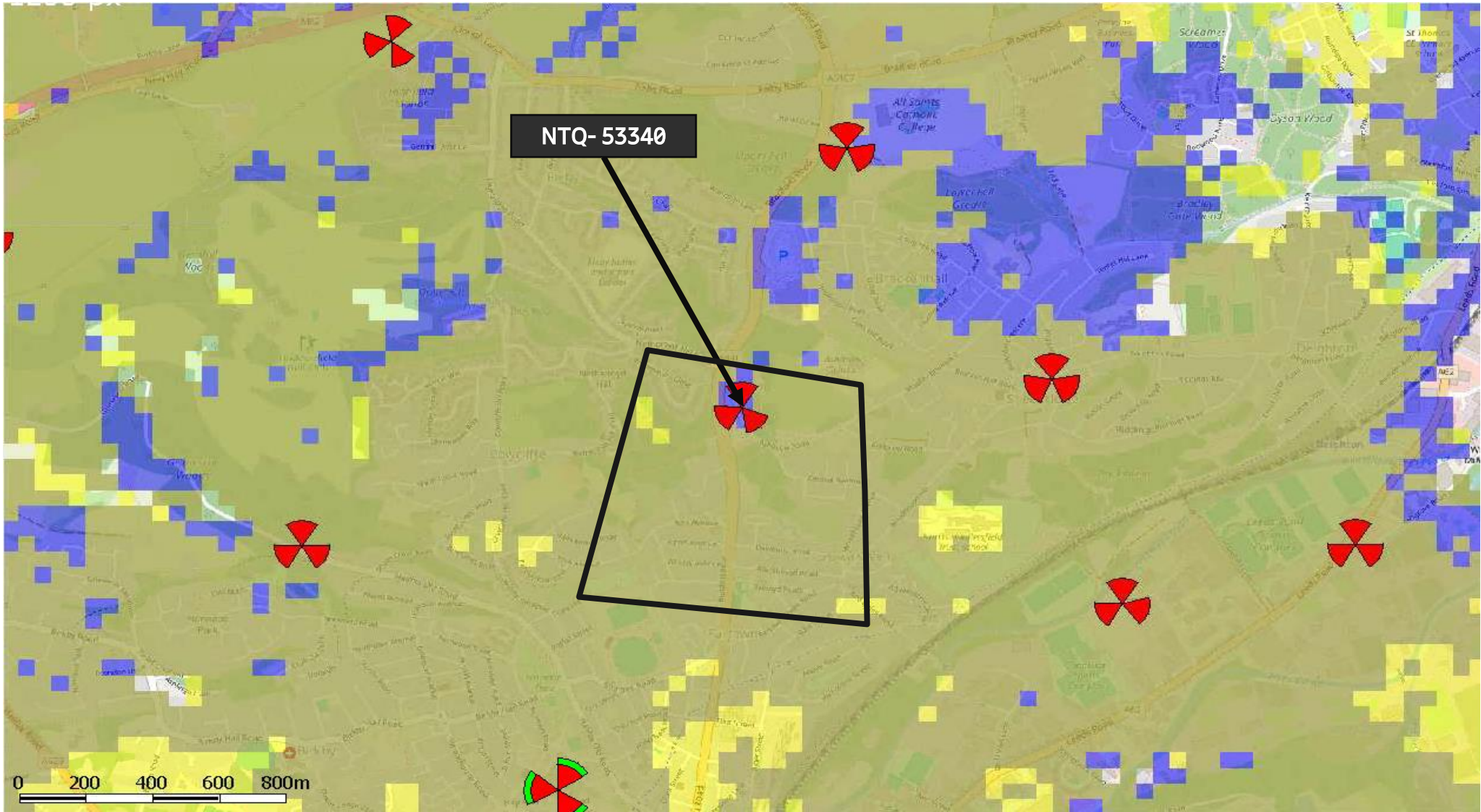
Discounted Options

SL.NO	Discounted Options	Reason
D1	Ashbrow Garage	Within land being used as a car dealership for vehicle storage
D2	Thornton Fencing	Within operational yard of the business, not a suitable location for a telecom site
D3	Ash Meadow Close	Residential redevelopment location
D4	Ashbrow Road Mill Side Road	Verge is at a very high incline with tree cover, unlikely to be an easy build
D5	Verge off York Avenue	Drop in elevation from NTQ location, tree cover throughout verge
D6	A641 Central Reservation	Central reservation location not wide enough for installation
D7	Bradley Boulevard	Building to the west approx 70m away is a 3-storey building on raised ground likely to impede coverage. Site would also be right in front of housing

Discounted Options

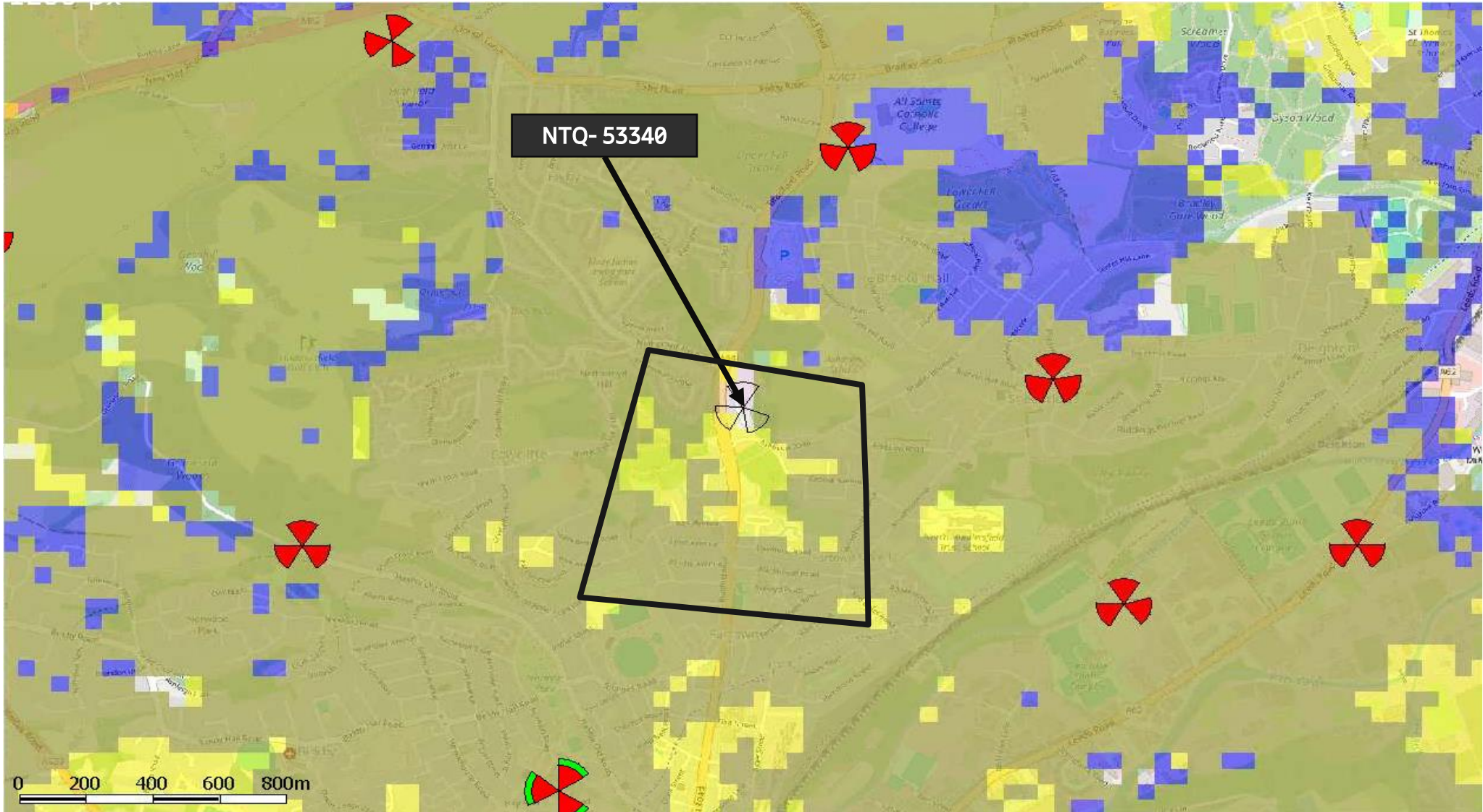
SL.NO	Discounted Options	Reason
D8	Ashbrow Road	Site is surrounded by steep incline to the west where road/pavement are, elevated trees on this position likely to cause coverage issues

4G(LTE 800+LTE 1800) Indoor Coverage- With NTQ



Indoor	Min Level	Band
	-113dBm	L800
	-118dBm	L1800
	L800 + L1800	

4G(LTE 800+LTE 1800) Indoor Coverage- Without NTQ

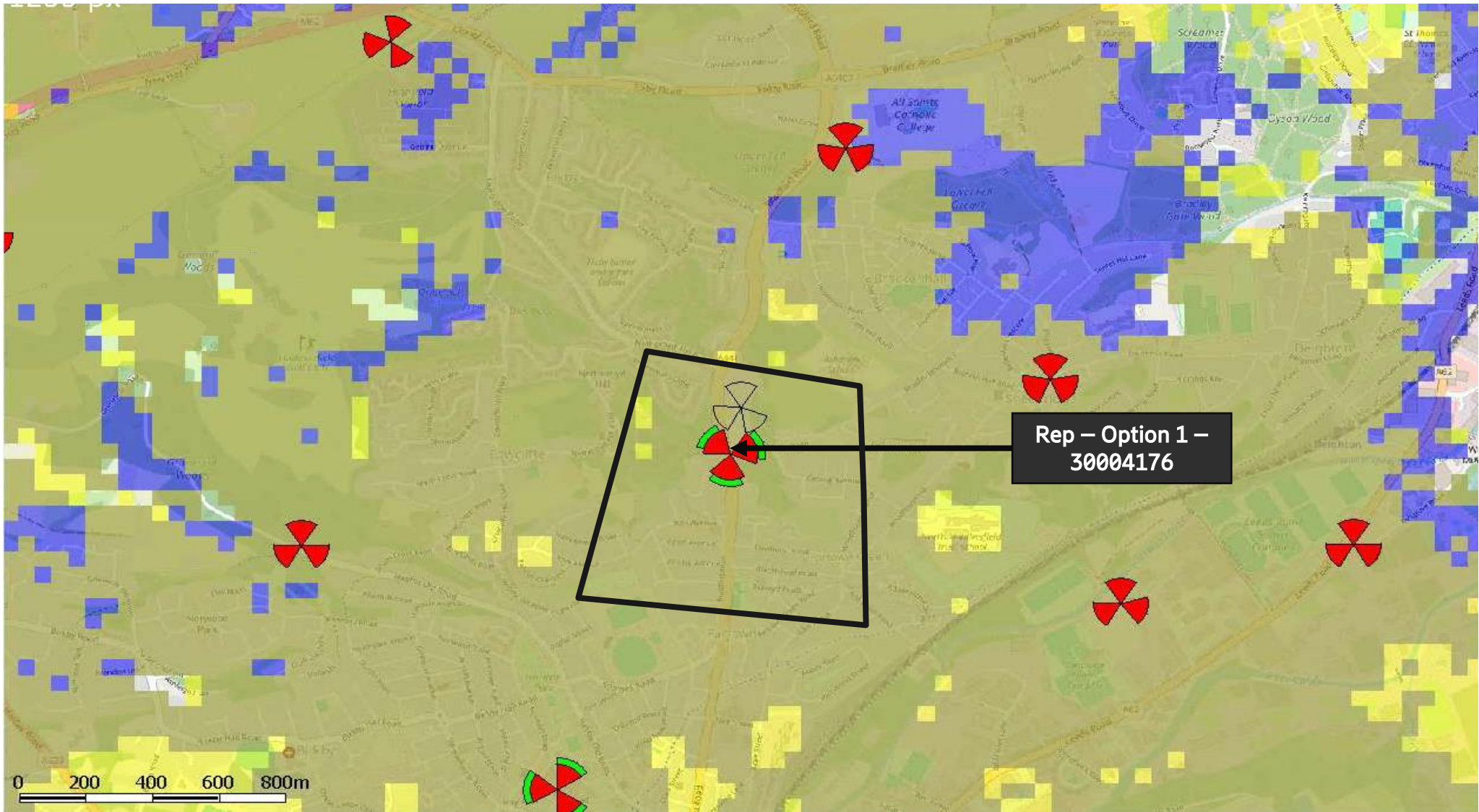


 **L1800**

 **L800**

Indoor	Min Level	Band
	-113dBm	L800
	-118dBm	L1800
	L800 + L1800	

4G(LTE 800+LTE 1800) Indoor Coverage – REP - Option 1 - Bradford Road

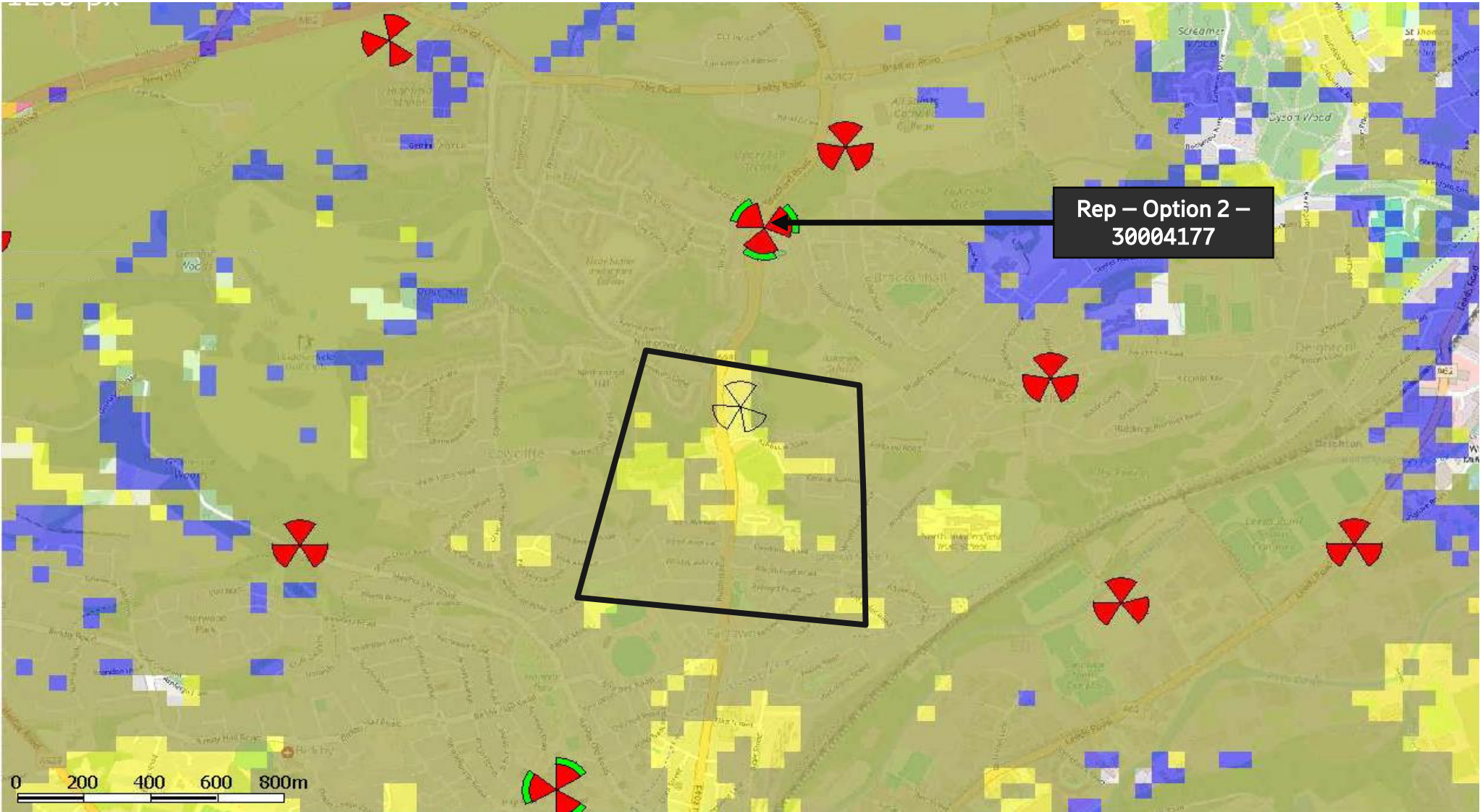


 **L1800**

 **L800**

Indoor	Min Level	Band
	-113dBm	L800
	-118dBm	L1800
	L800 + L1800	

4G(LTE 800+LTE 1800) Indoor Coverage – REP - Option 2 - Long Hill Bus Stop

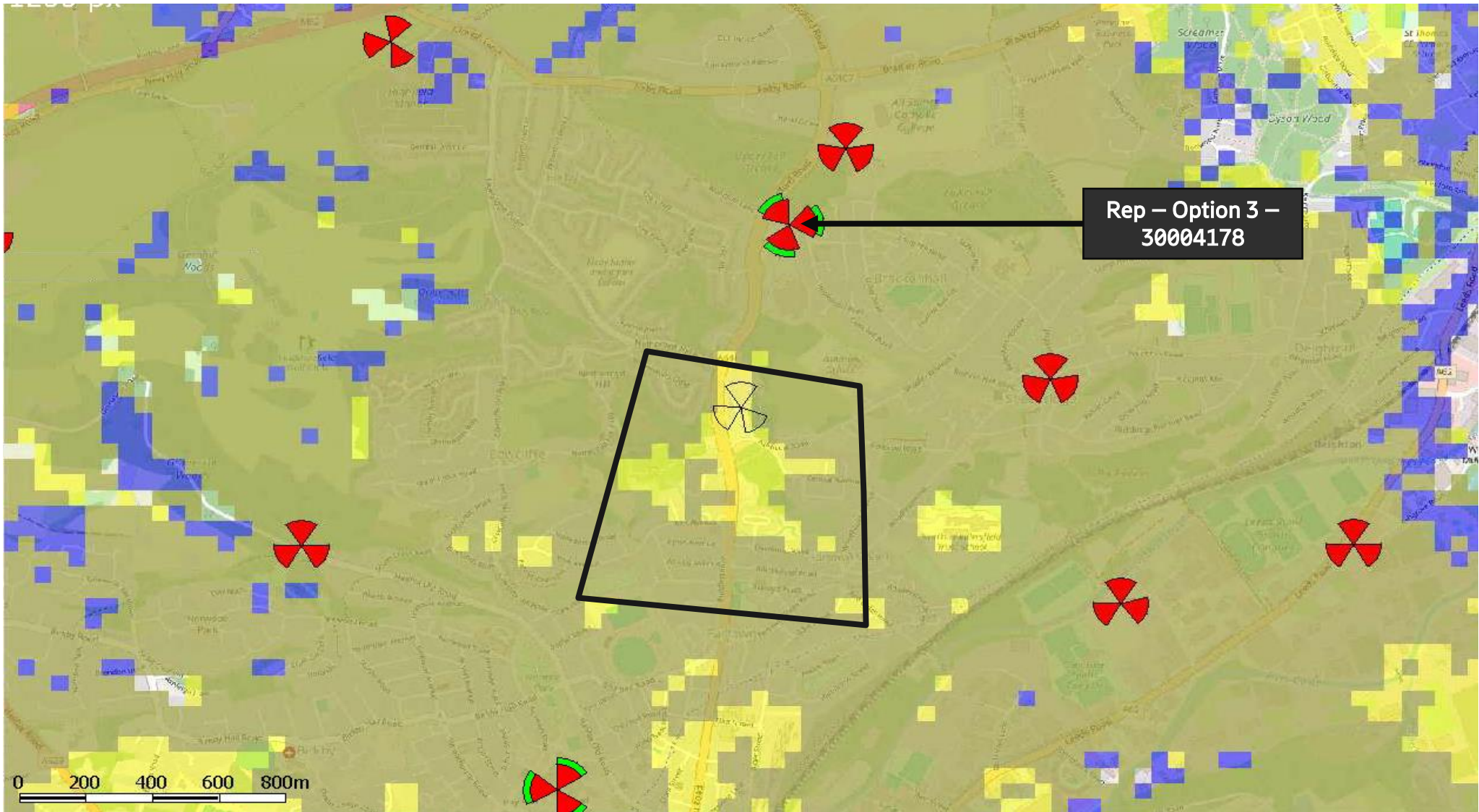


 L1800

 L800

Indoor	Min Level	Band
	-113dBm	L800
	-118dBm	L1800
	L800 + L1800	

4G(LTE 800+LTE 1800) Indoor Coverage – REP - Option 3 - Long Hill Road

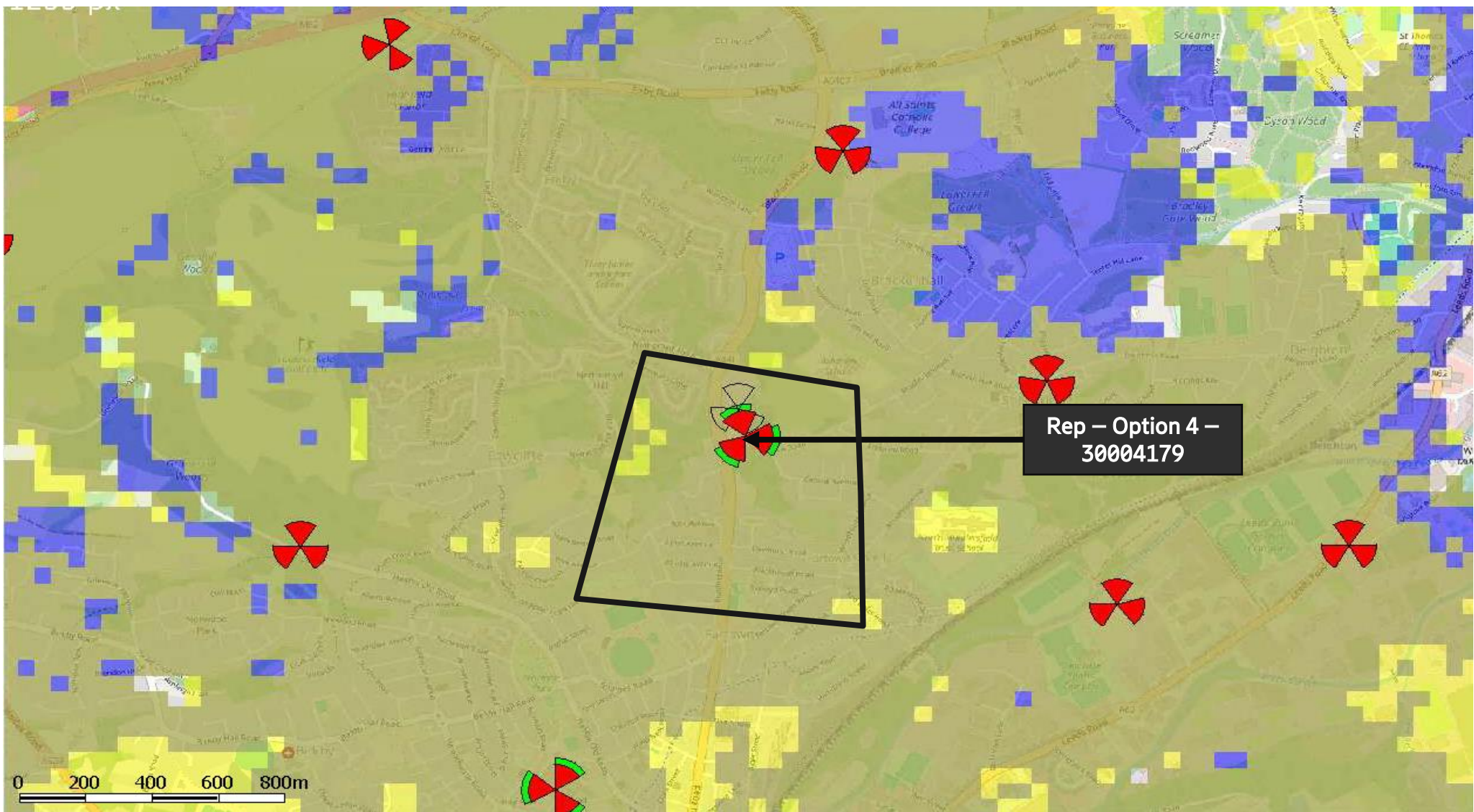


 **L1800**

 **L800**

Indoor	Min Level	Band
	-113dBm	L800
	-118dBm	L1800
	L800 + L1800	

4G(LTE 800+LTE 1800) Indoor Coverage – REP - Option 4 - Ashbrow Road

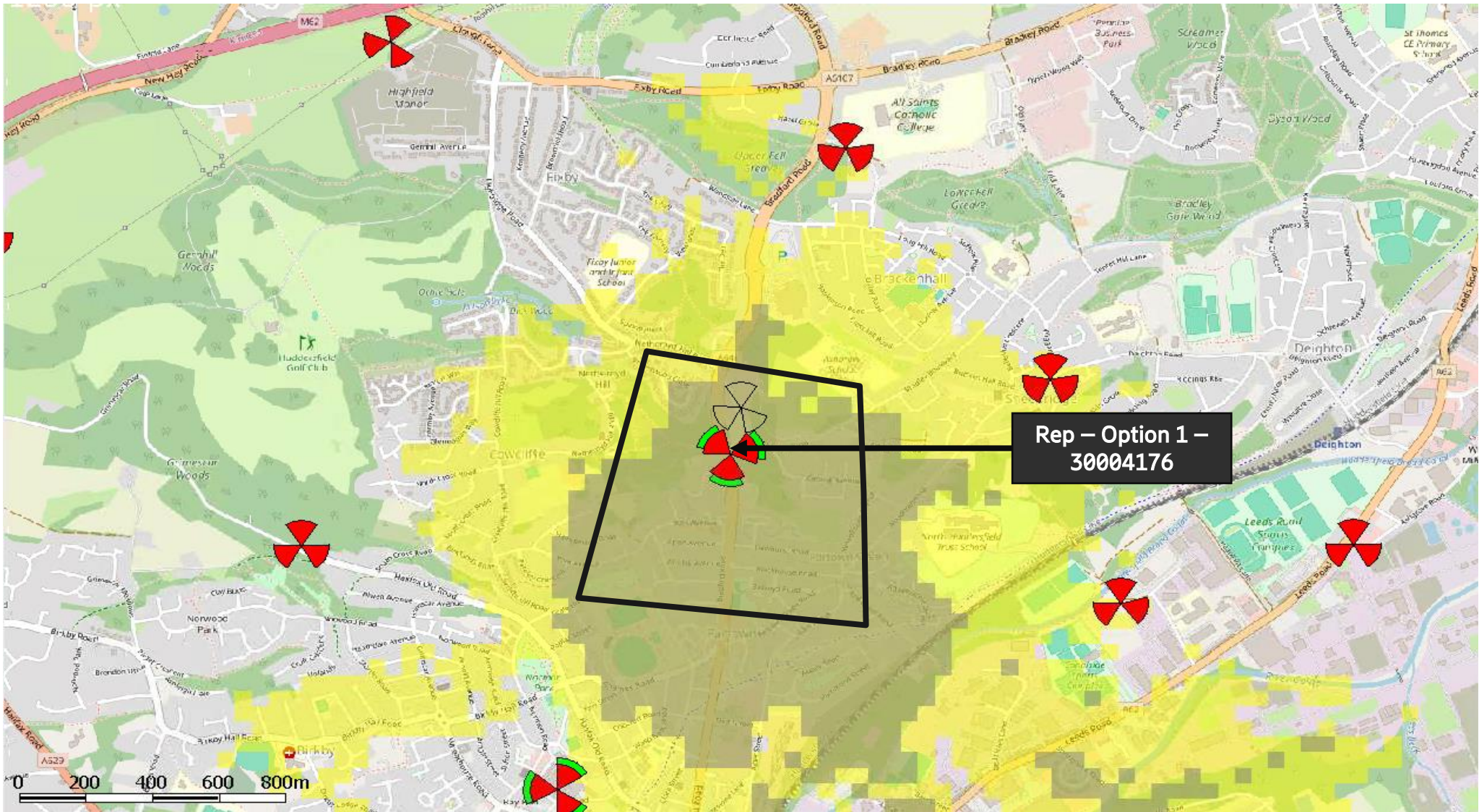


 **L1800**

 **L800**

Indoor	Min Level	Band
	-113dBm	L800
	-118dBm	L1800
	L800 + L1800	

4G(LTE 800+LTE 1800) Indoor Coverage – REP - REP - Option 1 - Bradford Road - Isolation

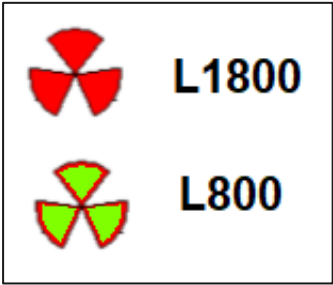
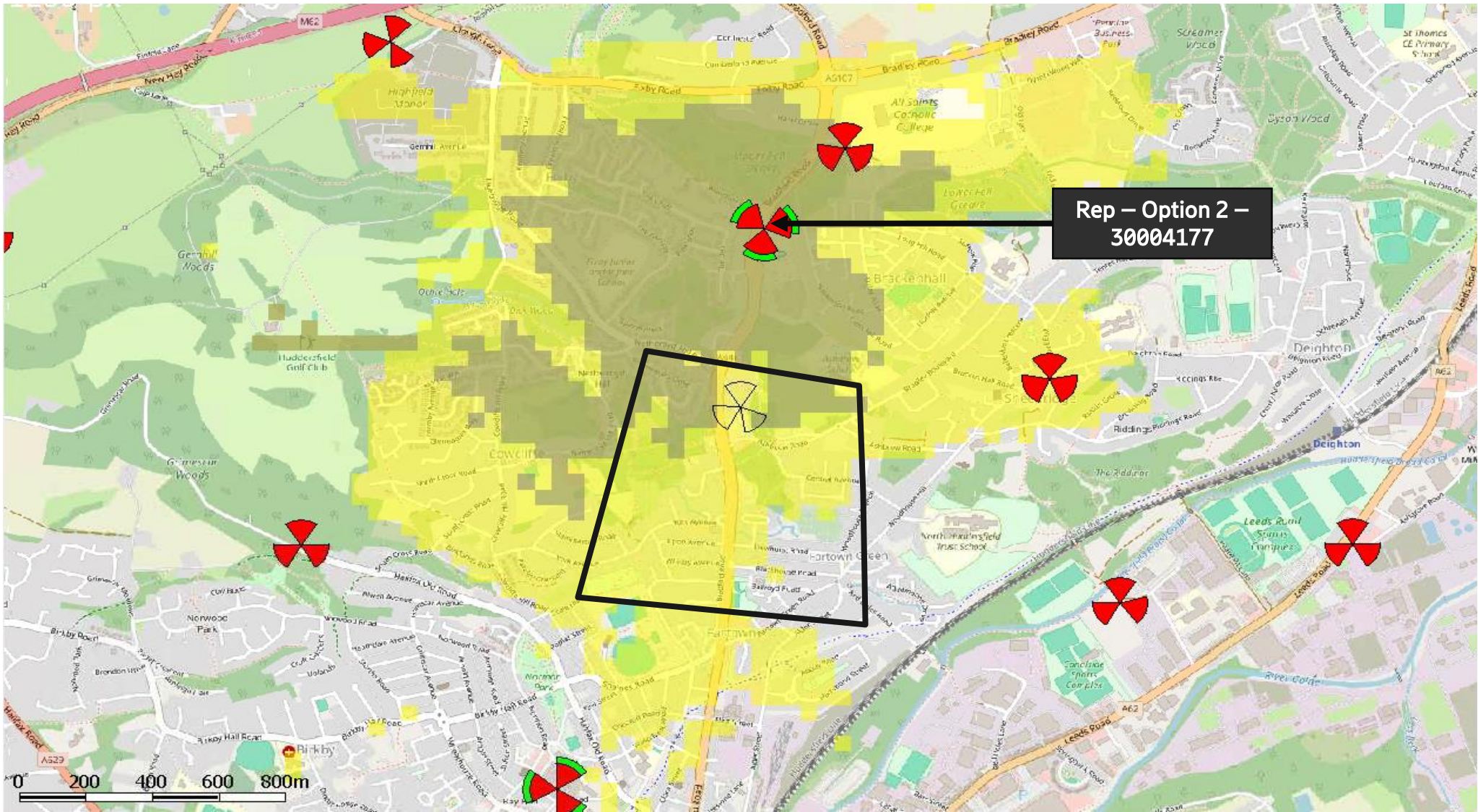


 **L1800**

 **L800**

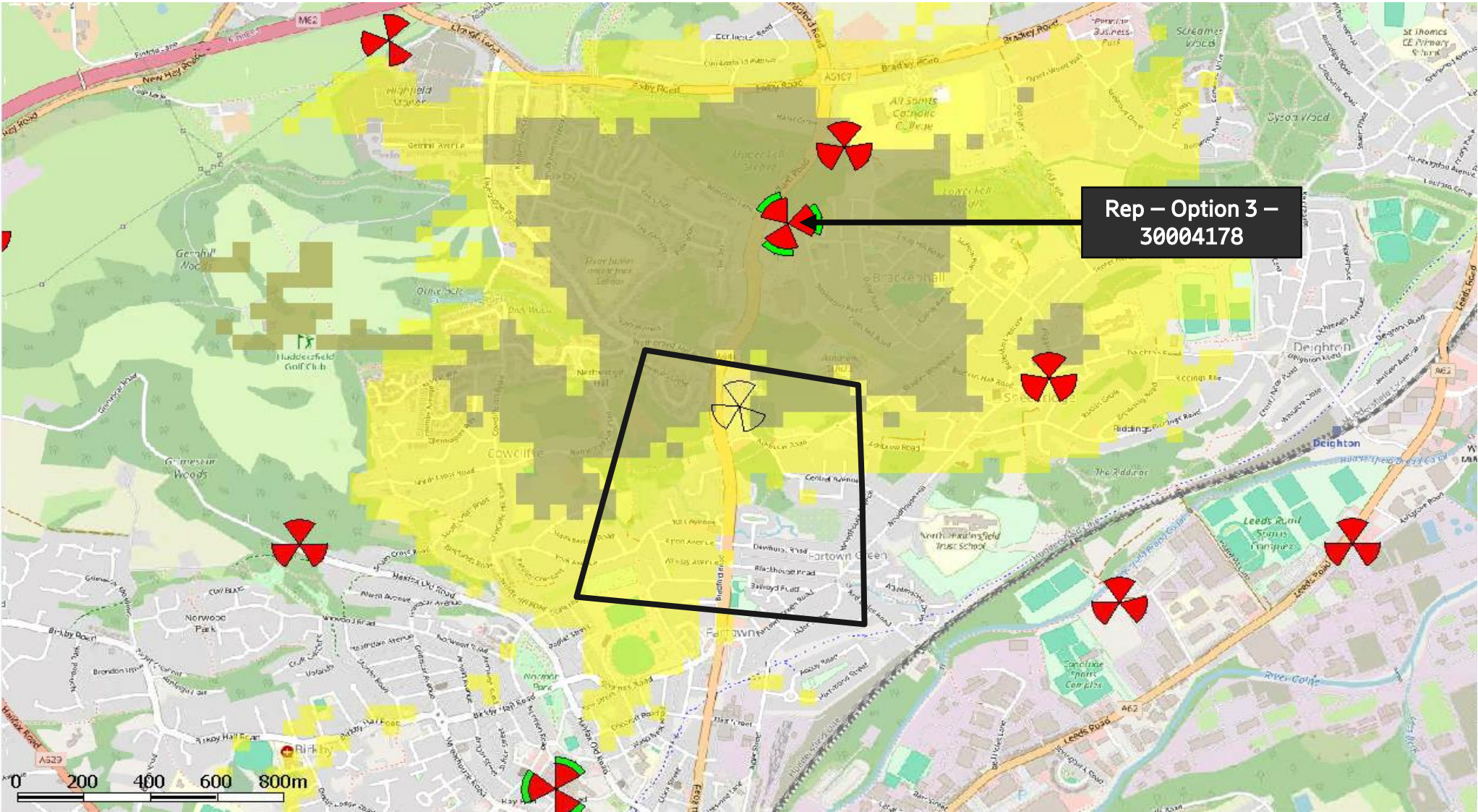
Indoor	Min Level	Band
	-113dBm	L800
	-118dBm	L1800
	L800 + L1800	

4G(LTE 800+LTE 1800) Indoor Coverage – REP - Option 2 - Long Hill Bus Stop - Isolation



Indoor	Min Level	Band
	-113dBm	L800
	-118dBm	L1800
	L800 + L1800	

4G(LTE 800+LTE 1800) Indoor Coverage – REP - Option 3 - Long Hill Road - Isolation

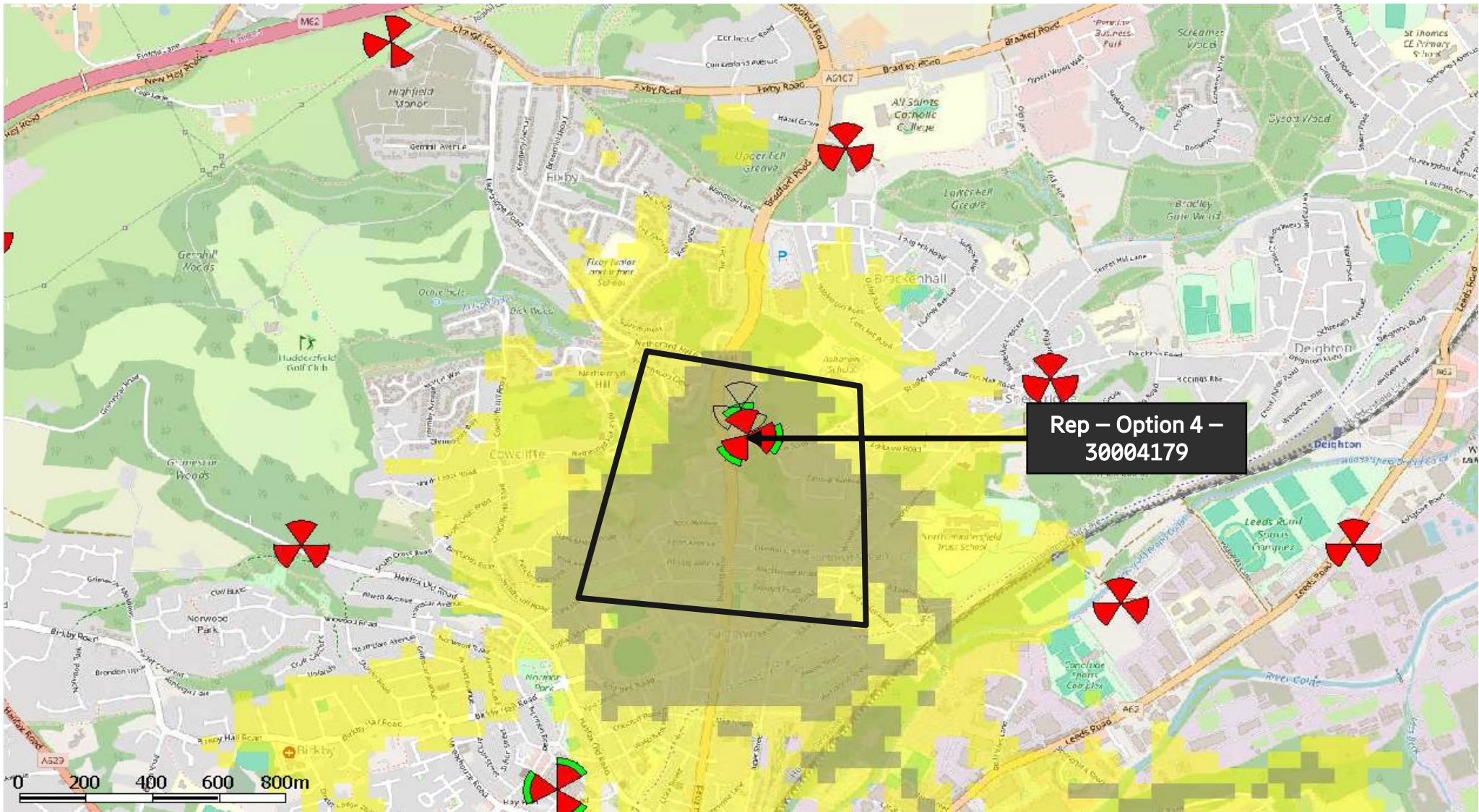


**L1800**

**L800**

Indoor	Min Level	Band
	-113dBm	L800
	-118dBm	L1800
	L800 + L1800	

4G(LTE 800+LTE 1800) Indoor Coverage – REP - Option 4 - Ashbrow Road- Isolation

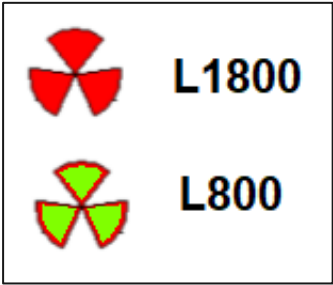
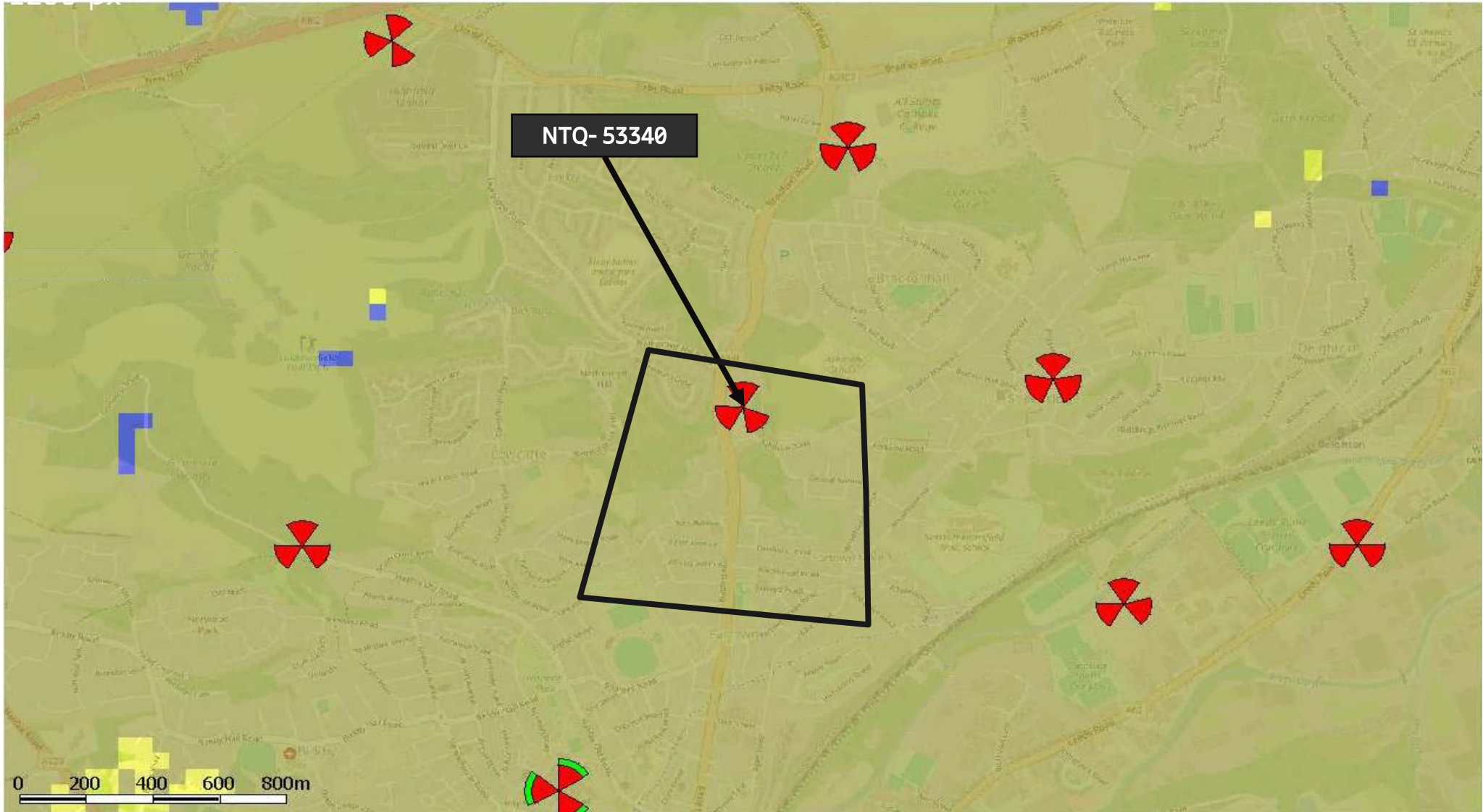


 L1800

 L800

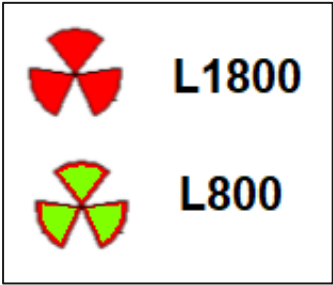
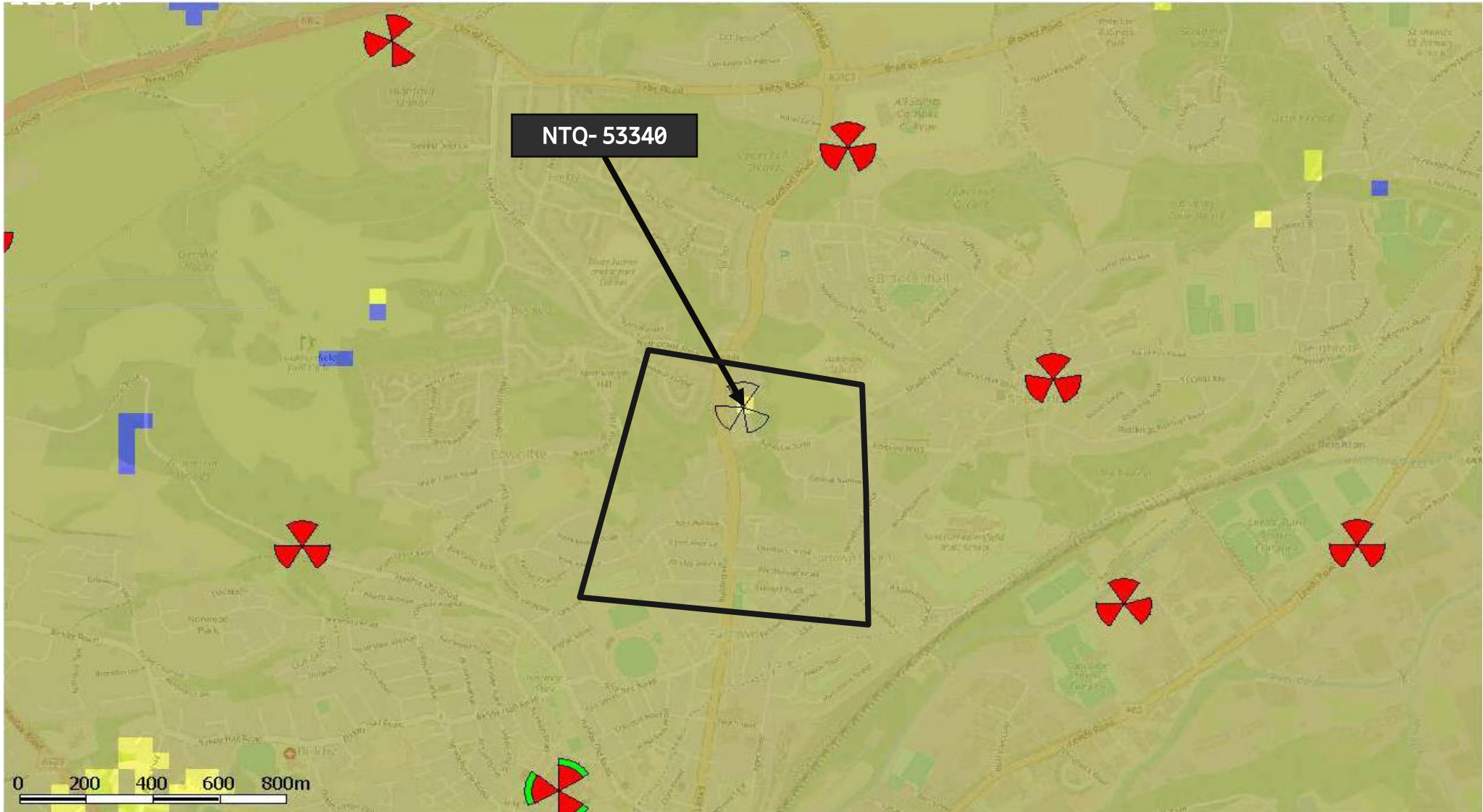
Indoor	Min Level	Band
	-113dBm	L800
	-118dBm	L1800
	L800 + L1800	

4G(LTE 800+LTE 1800) Outdoor Coverage- With NTQ



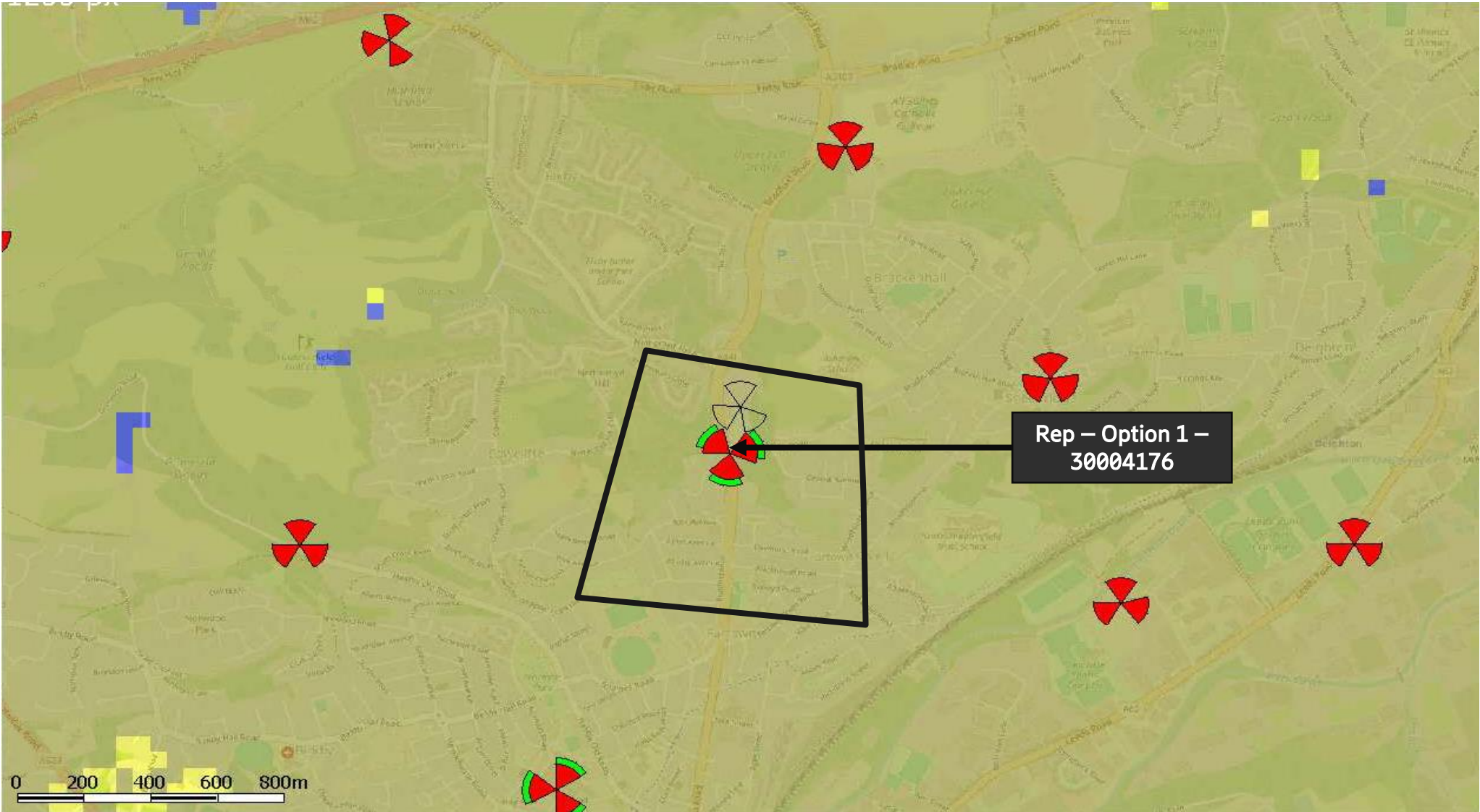
Outdoor	Min Level	Band
	-105dBm	L800
	-105dBm	L1800
	L800 + L1800	

4G(LTE 800+LTE 1800) Outdoor Coverage- Without NTQ



Outdoor	Min Level	Band
	-105dBm	L800
	-105dBm	L1800
		L800 + L1800

4G(LTE 800+LTE 1800) Outdoor Coverage – REP - Option 1 - Bradford Road

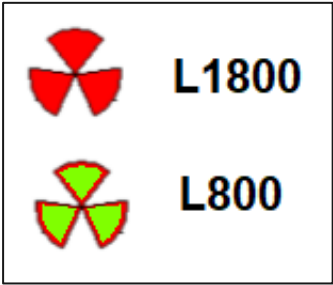
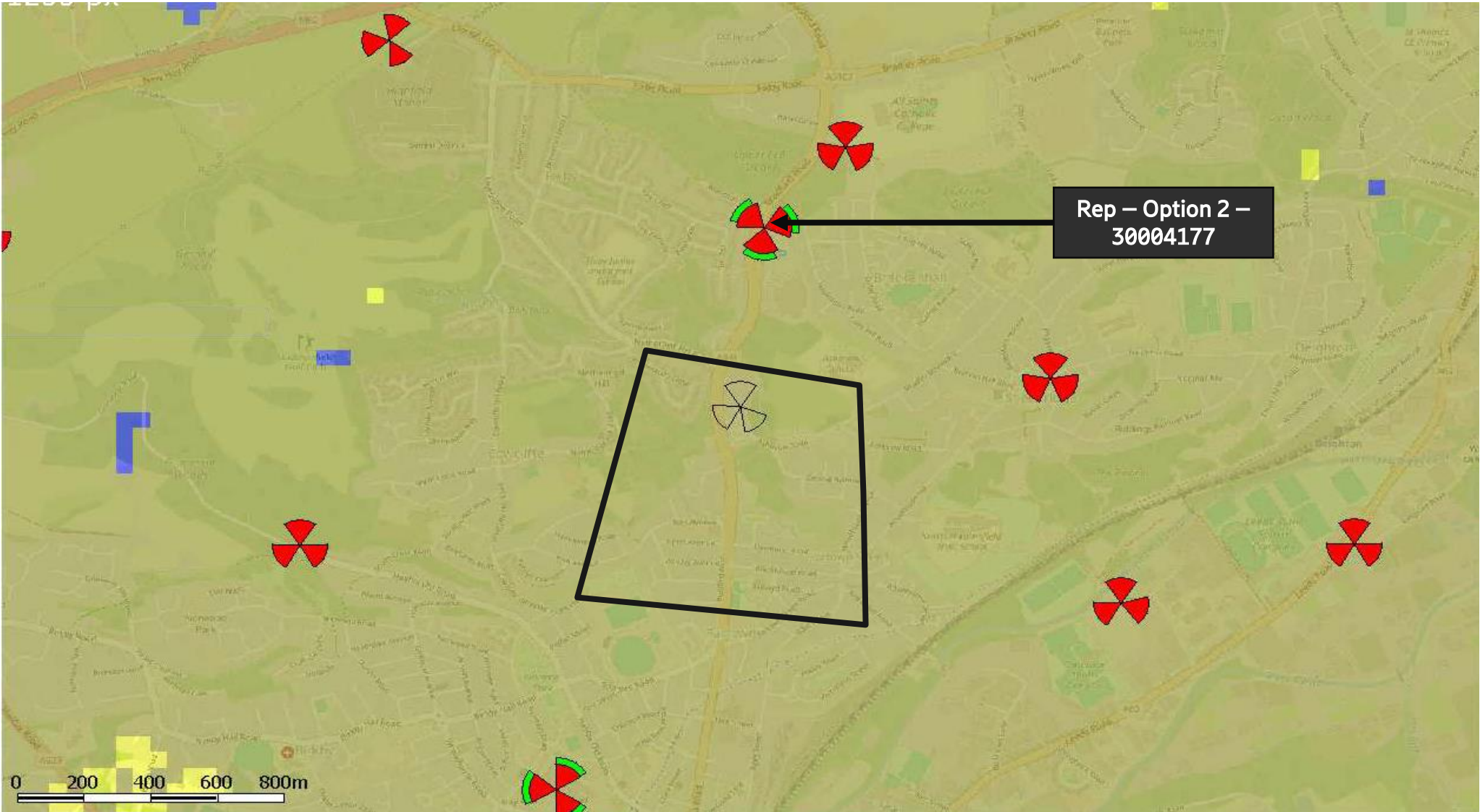


 **L1800**

 **L800**

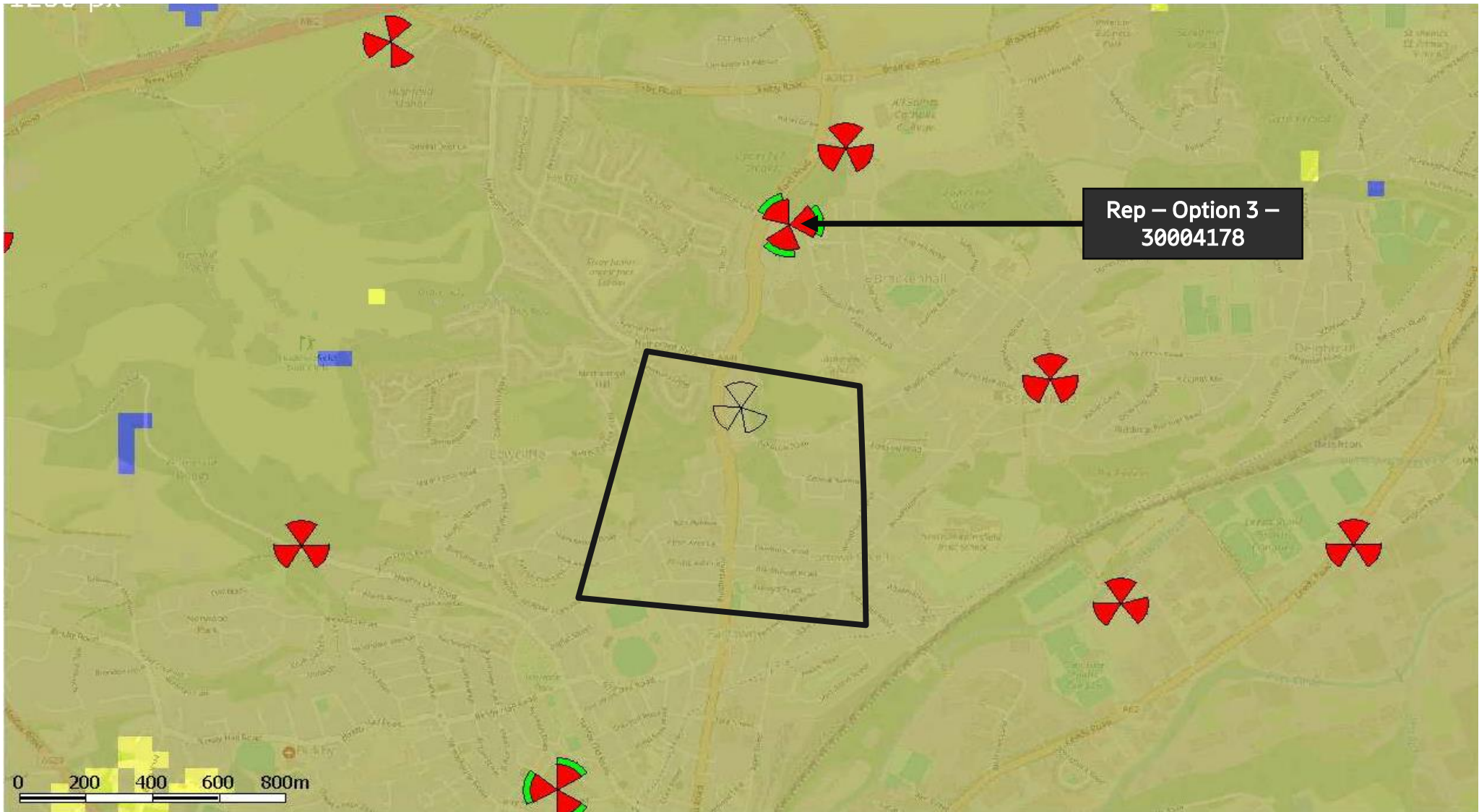
Outdoor	Min Level	Band
	-105dBm	L800
	-105dBm	L1800
	L800 + L1800	

4G(LTE 800+LTE 1800) Outdoor Coverage – REP - Option 2 - Long Hill Bus Stop



Outdoor	Min Level	Band
	-105dBm	L800
	-105dBm	L1800
		L800 + L1800

4G(LTE 800+LTE 1800) Outdoor Coverage – REP - Option 3 - Long Hill Road

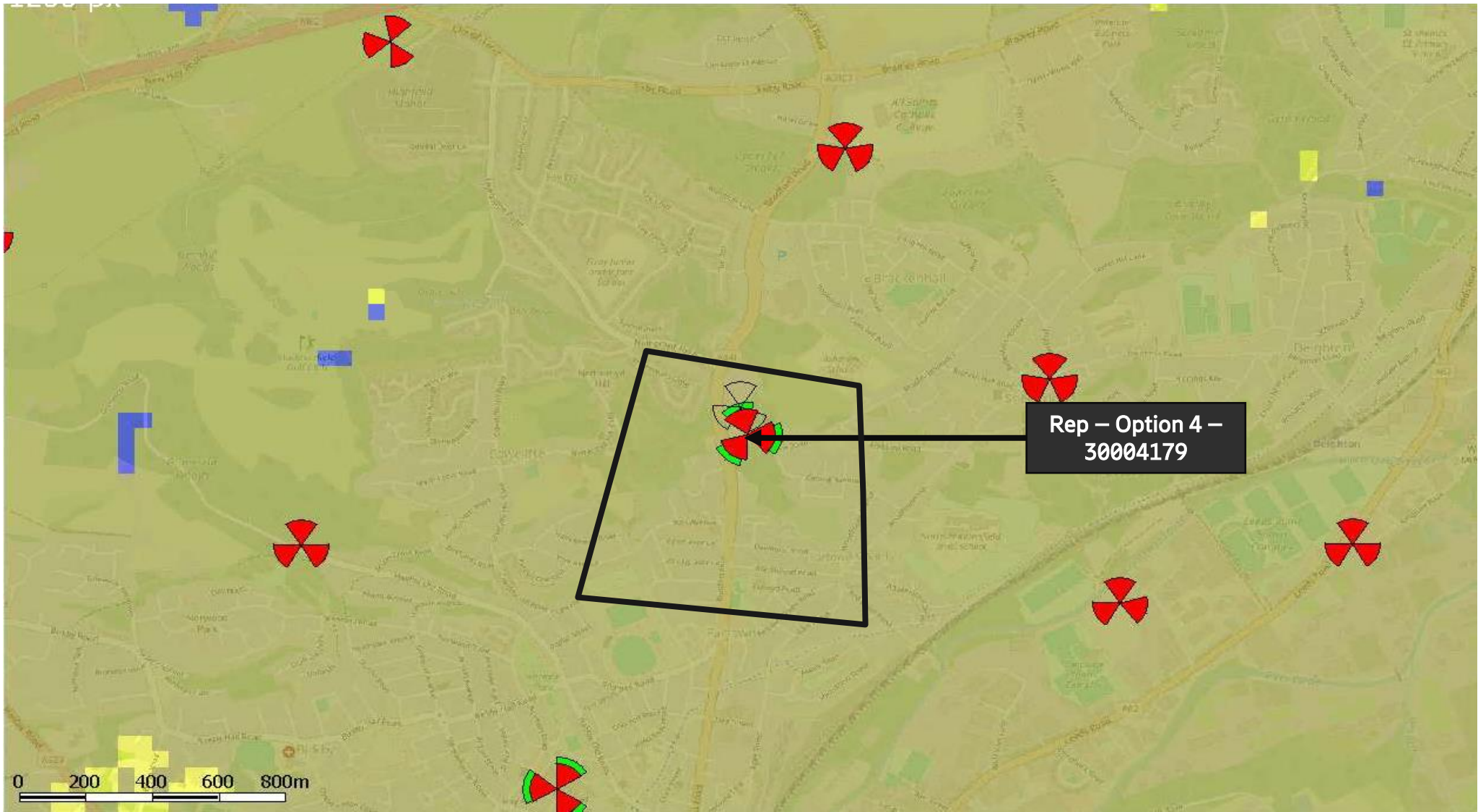


 **L1800**

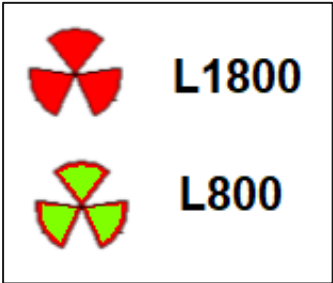
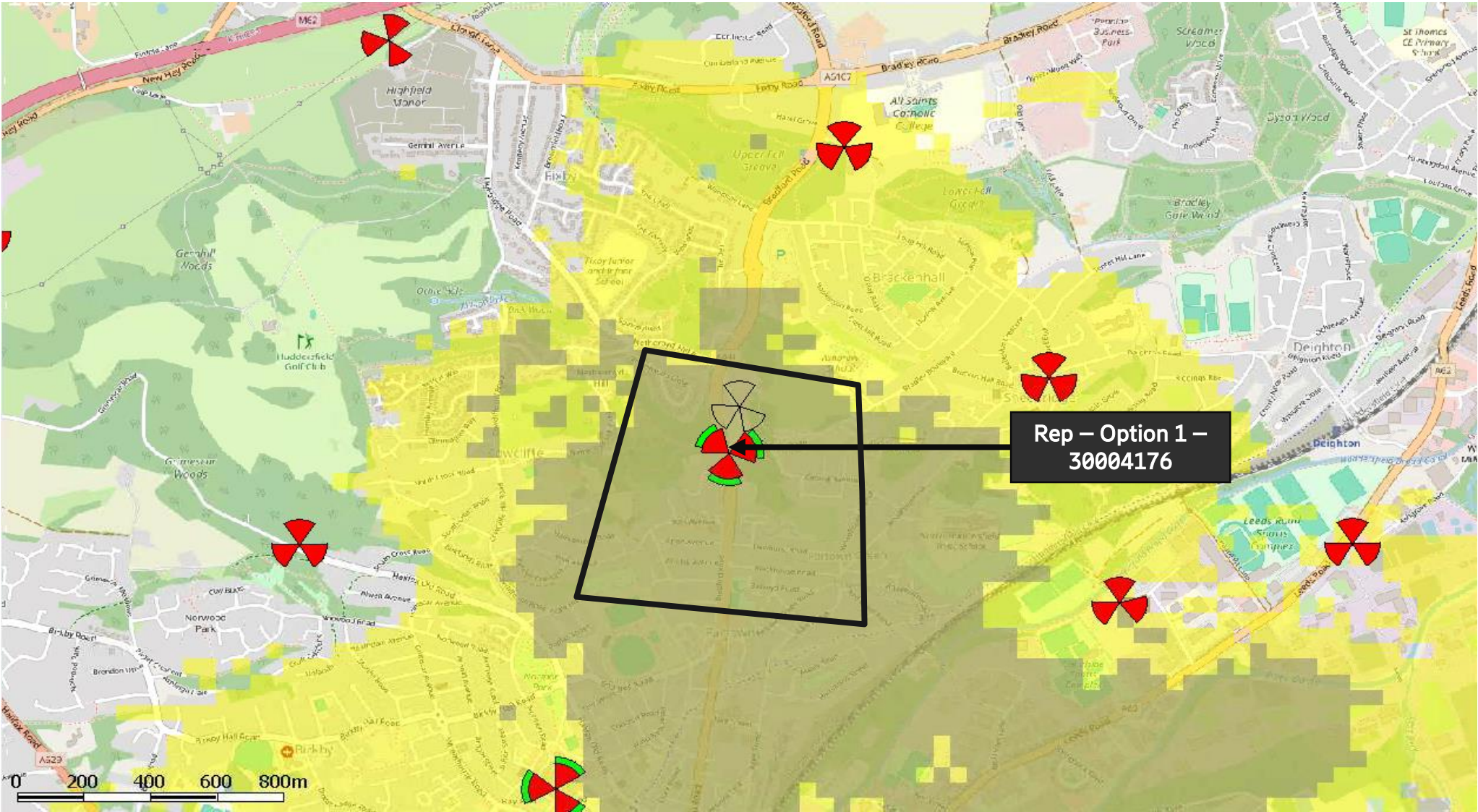
 **L800**

Outdoor	Min Level	Band
	-105dBm	L800
	-105dBm	L1800
	L800 + L1800	

4G(LTE 800+LTE 1800) Outdoor Coverage – REP - Option 4 - Ashbrow Road

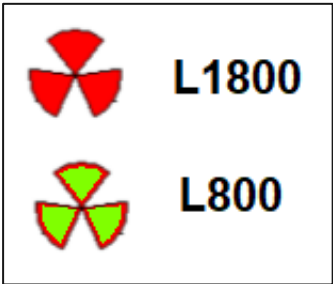
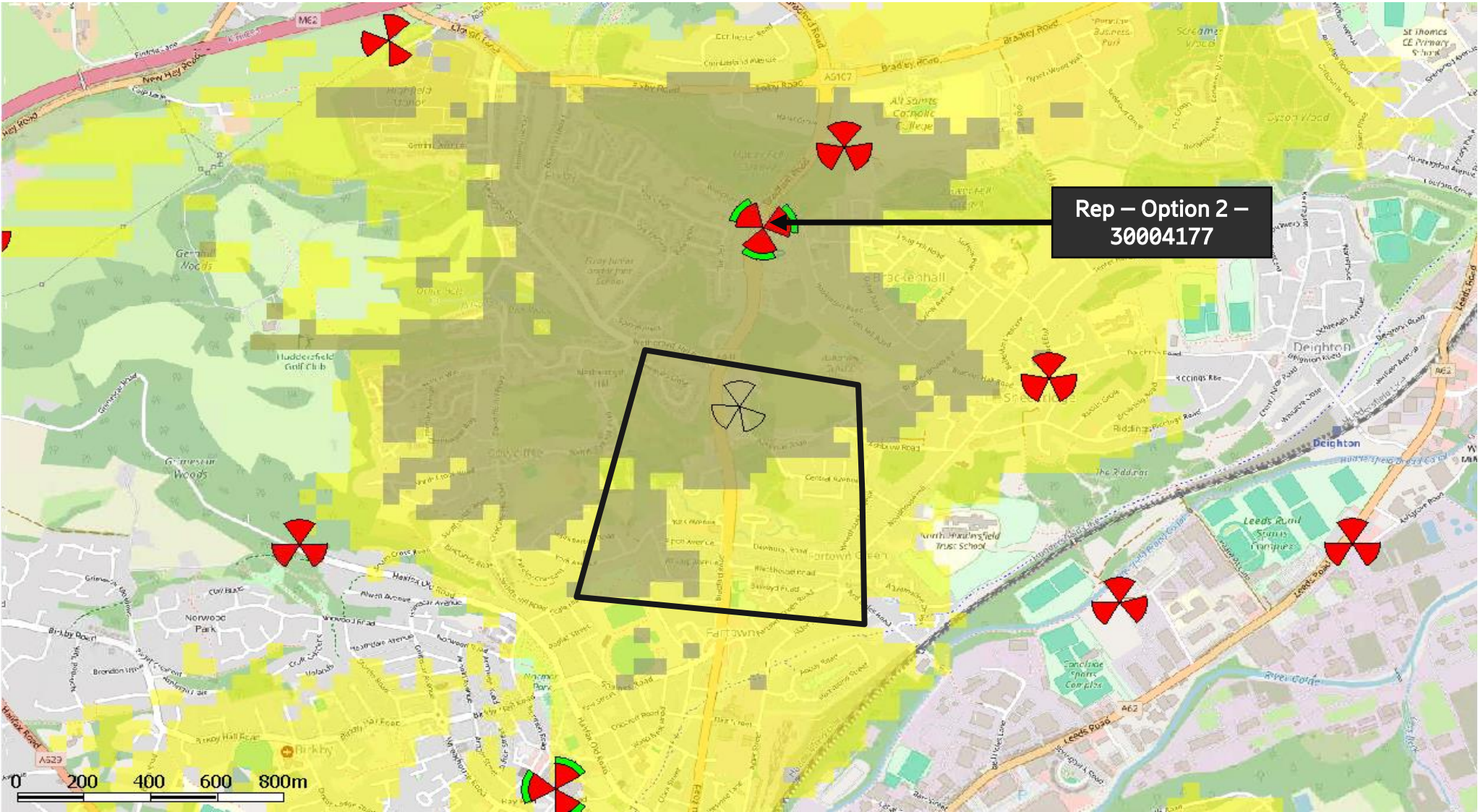


4G(LTE 800+LTE 1800) Outdoor Coverage – REP - Option 1 - Bradford Road - Isolation



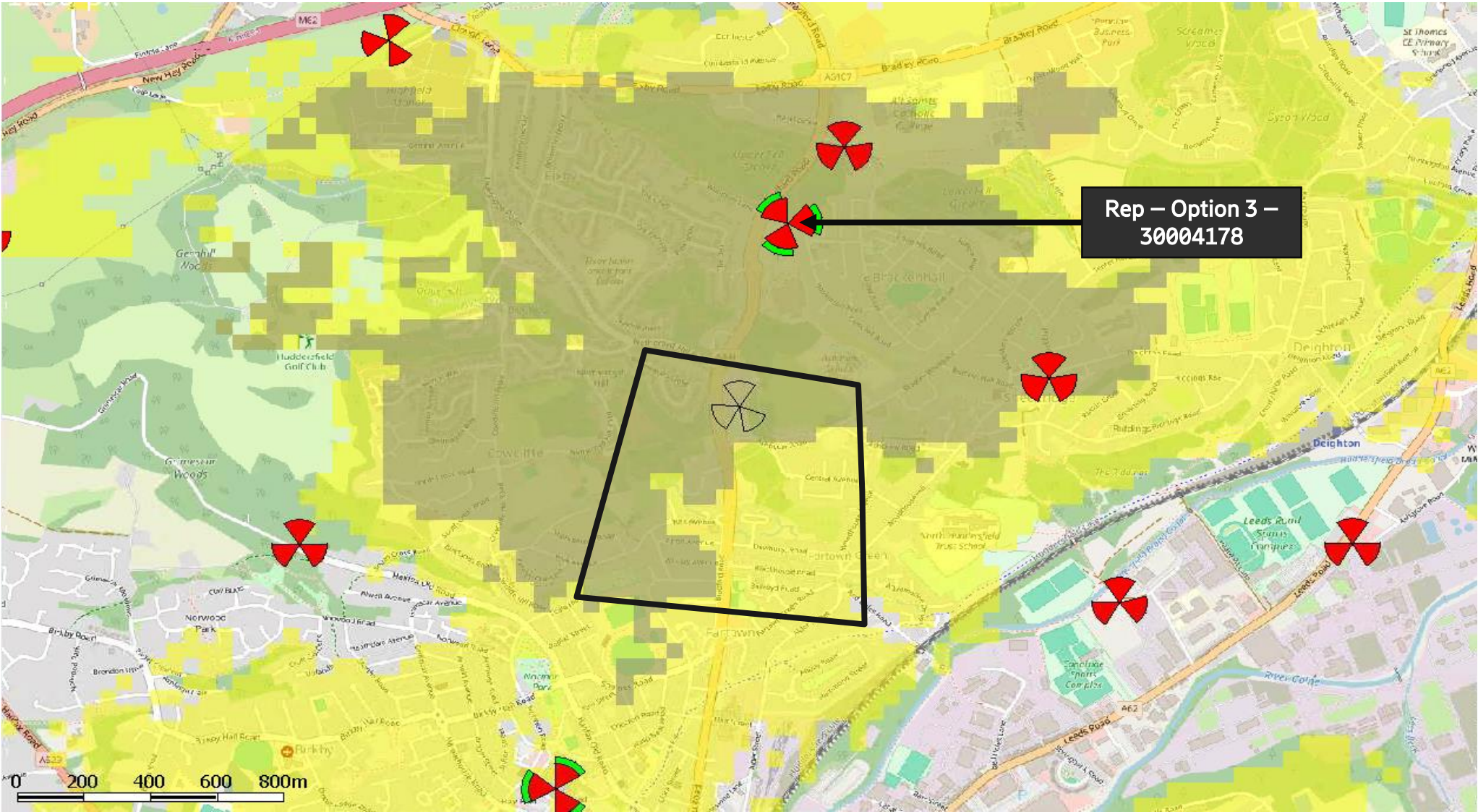
Outdoor	Min Level	Band
	-105dBm	L800
	-105dBm	L1800
		L800 + L1800

4G(LTE 800+LTE 1800) Outdoor Coverage – REP - Option 2 - Long Hill Bus Stop - Isolation

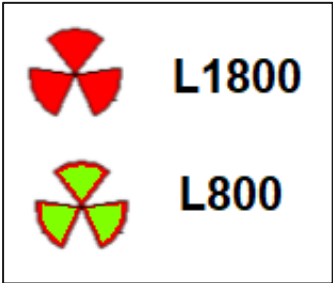
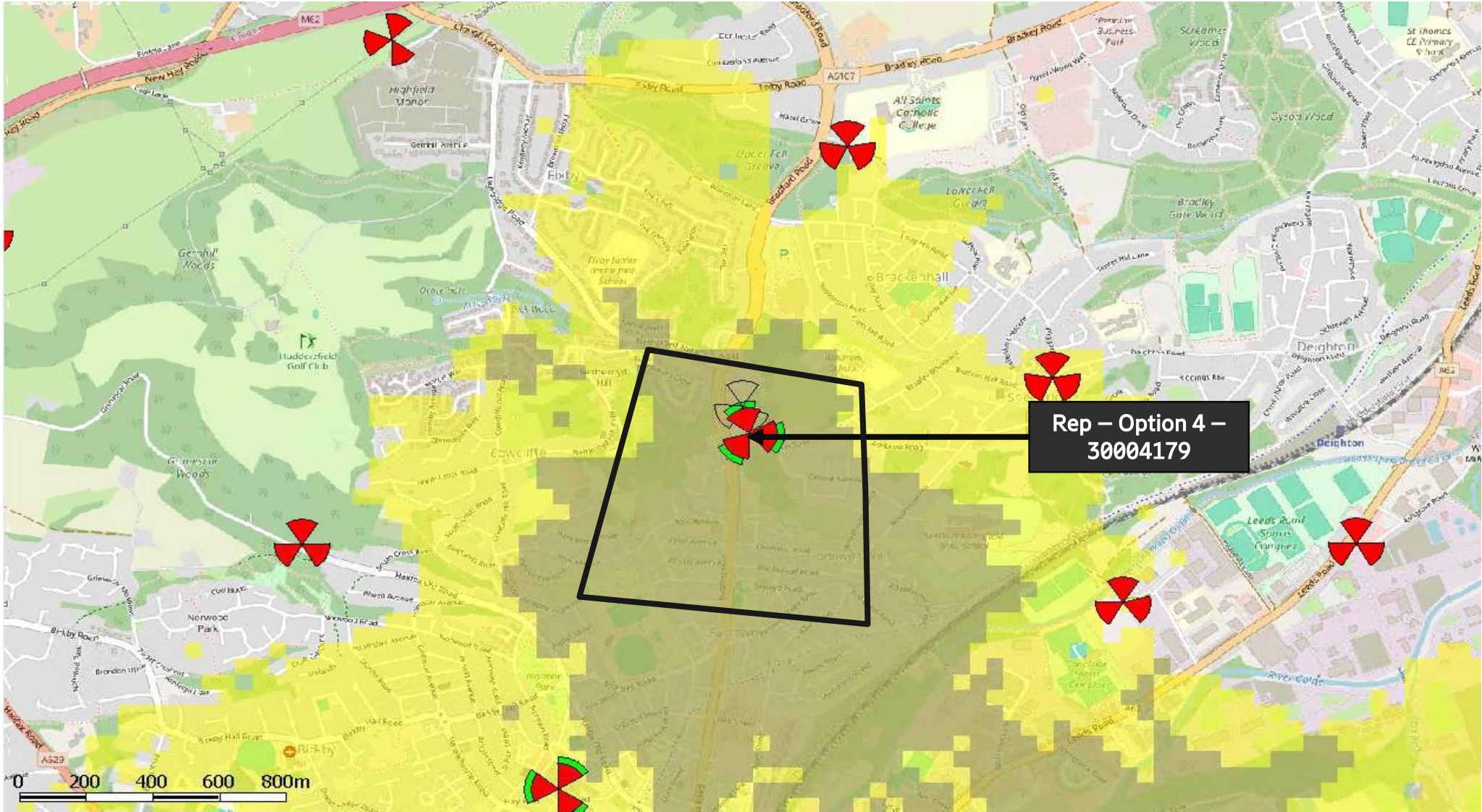


Outdoor	Min Level	Band
	-105dBm	L800
	-105dBm	L1800
		L800 + L1800

4G(LTE 800+LTE 1800) Outdoor Coverage – REP - Option 3 - Long Hill Road - Isolation

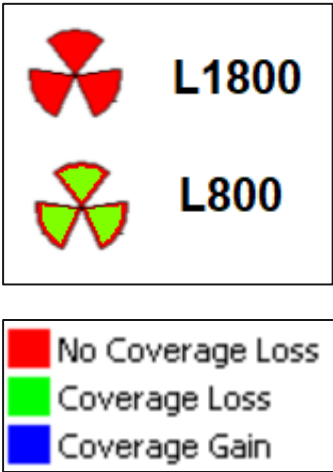
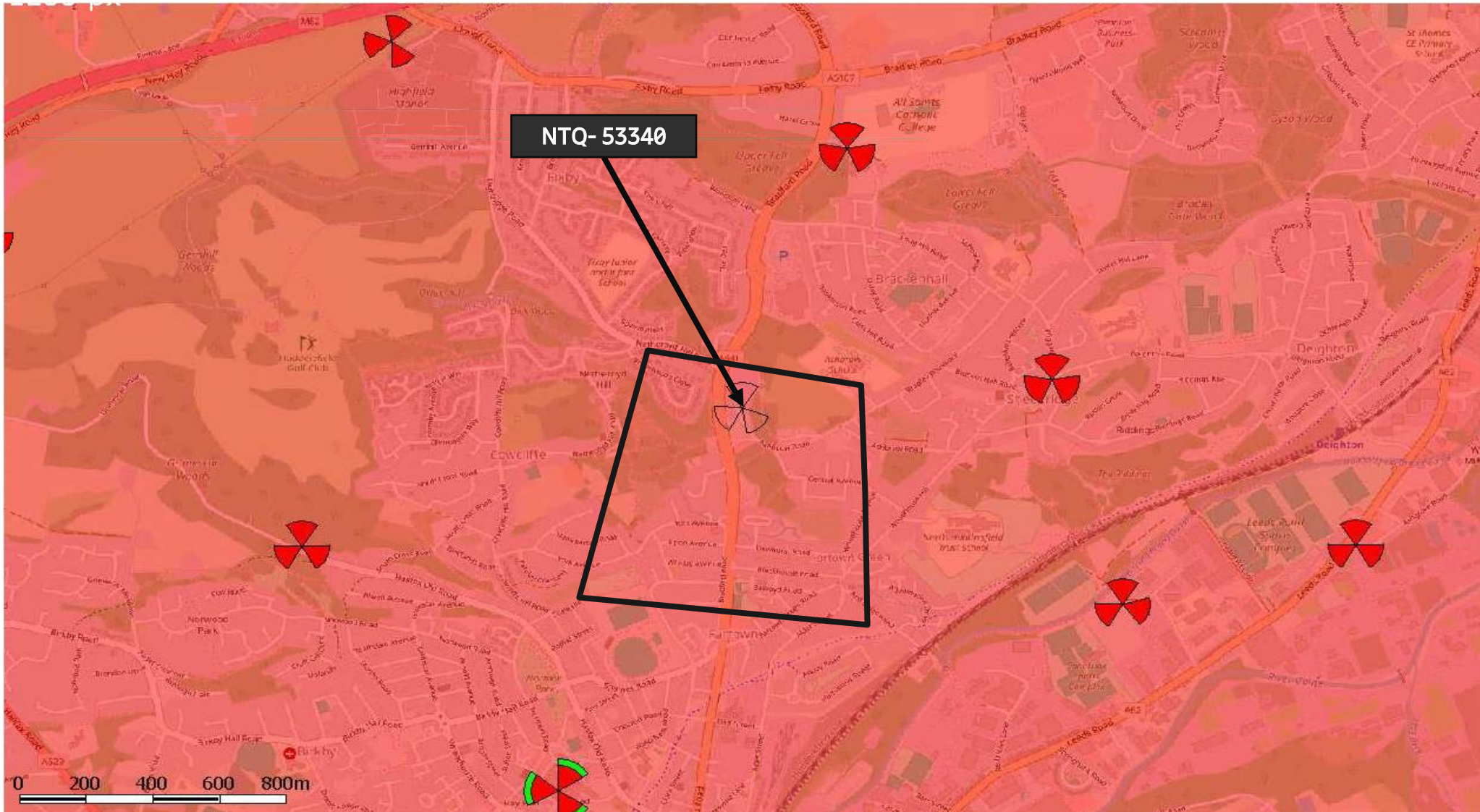


4G(LTE 800+LTE 1800) Outdoor Coverage – REP - Option 4 - Ashbrow Road - Isolation

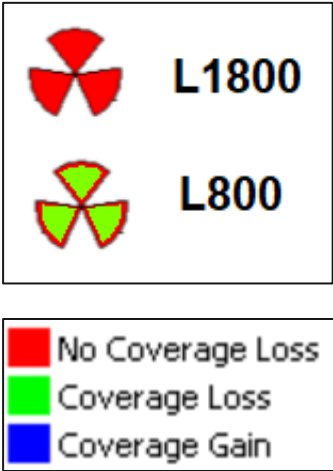
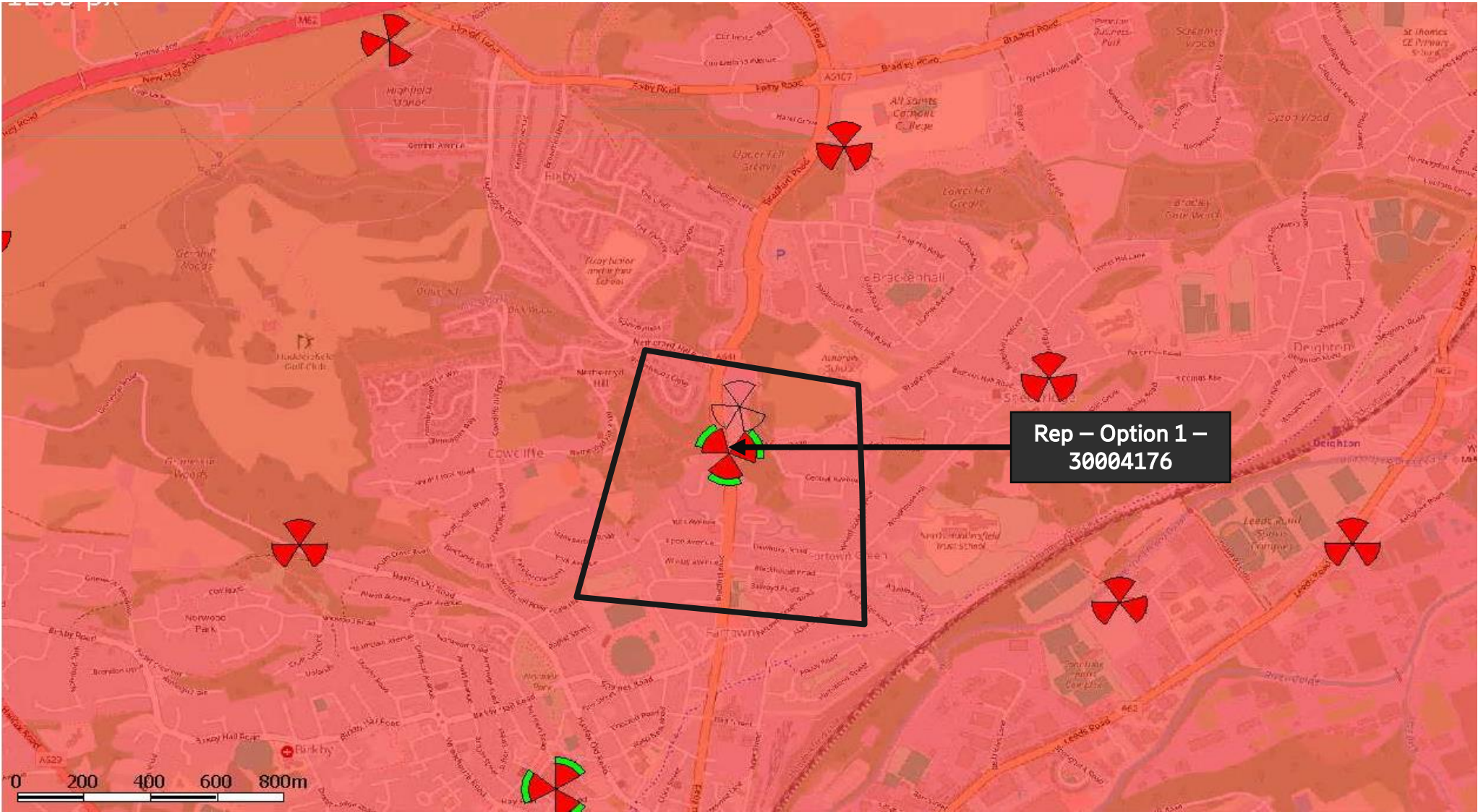


Outdoor	Min Level	Band
	-105dBm	L800
	-105dBm	L1800
		L800 + L1800

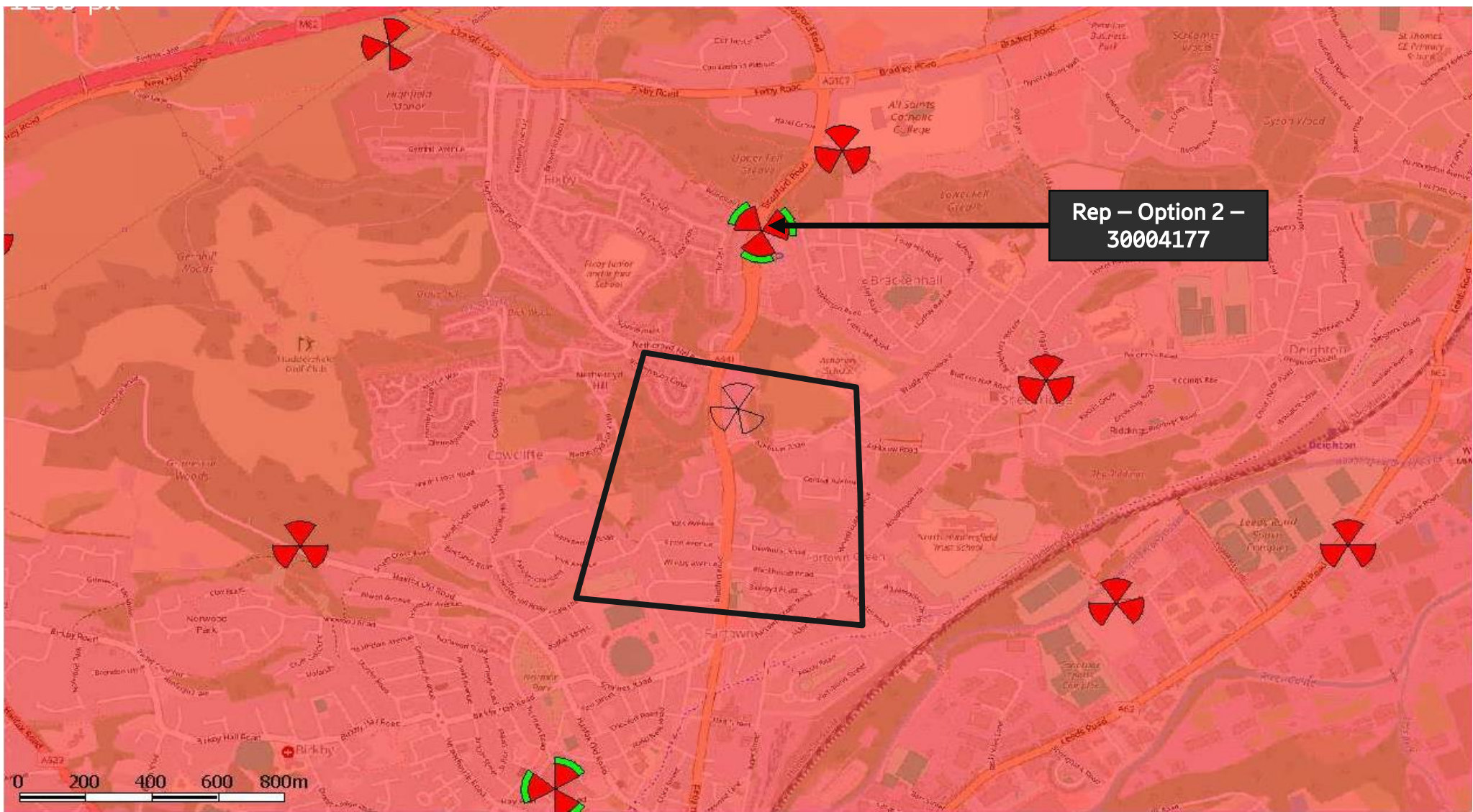
4G(LTE 800+LTE 1800) Outdoor Coverage – NTQ Vs Without NTQ



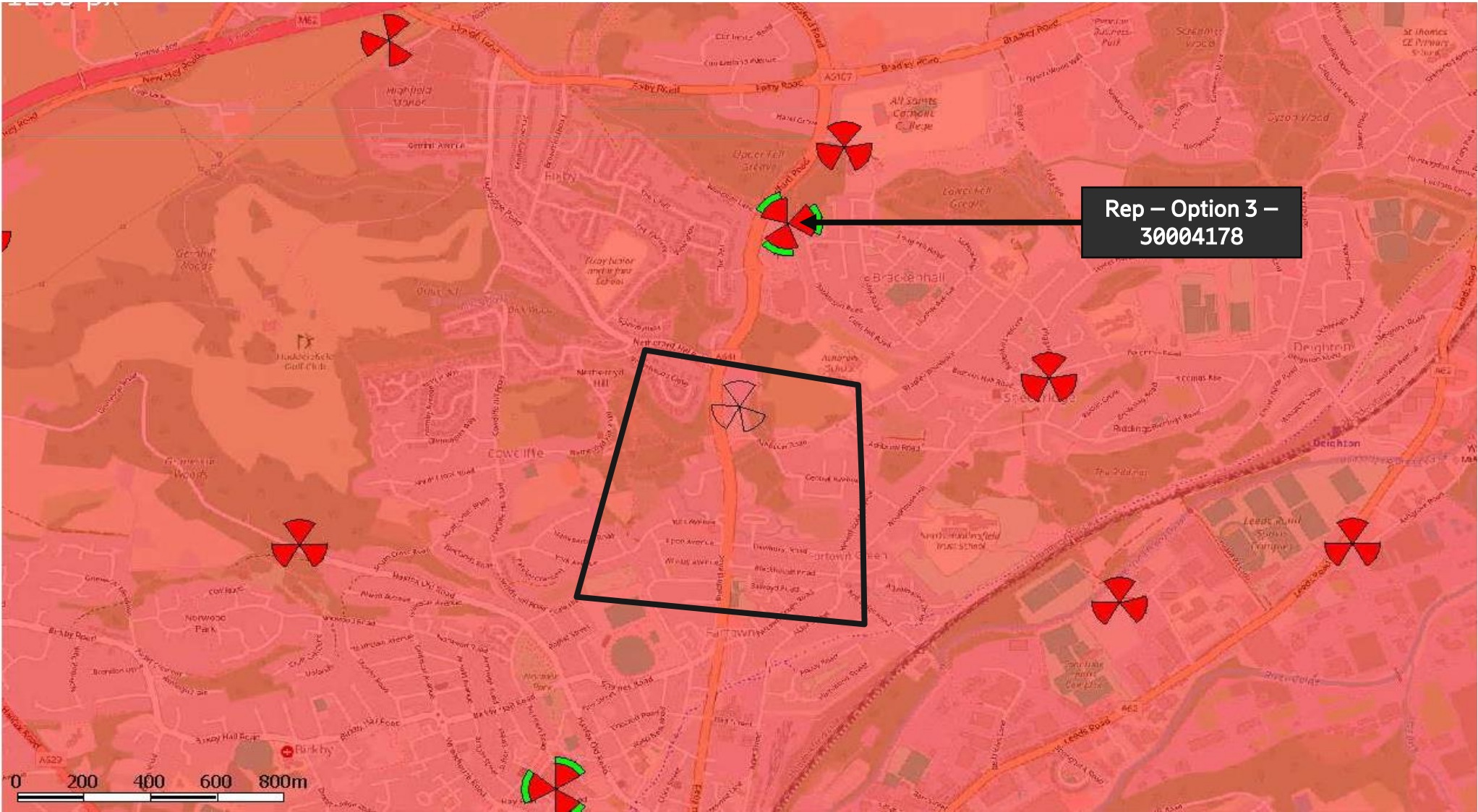
4G(LTE 800+LTE 1800) Outdoor Coverage – NTQ Vs REP - Option 1 - Bradford Roads



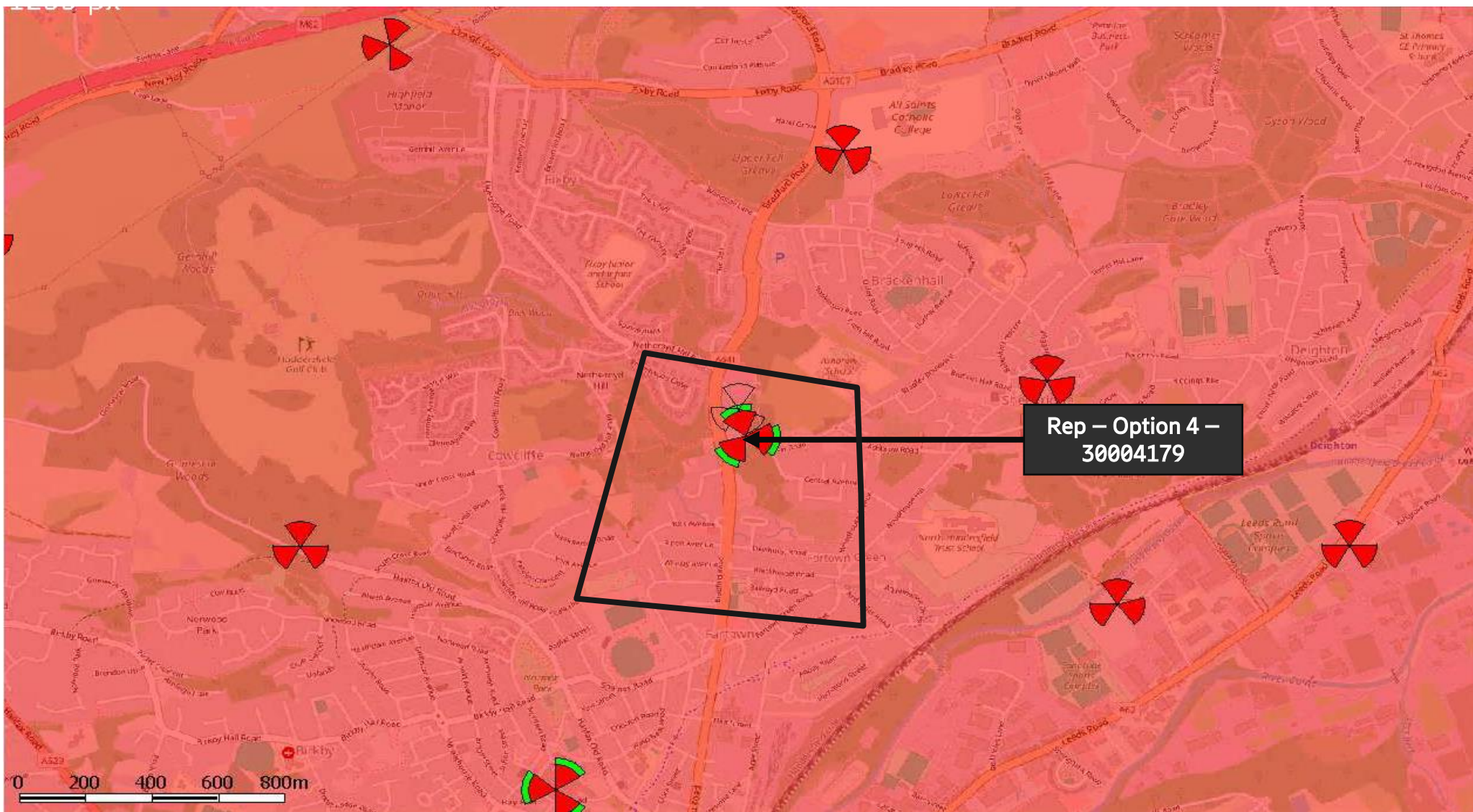
4G(LTE 800+LTE 1800) Outdoor Coverage – NTQ Vs REP - Option 2 - Long Hill Bus Stop



4G(LTE 800+LTE 1800) Outdoor Coverage – NTQ Vs REP - Option 3 - Long Hill Road



4G(LTE 800+LTE 1800) Outdoor Coverage – NTQ Vs REP - Option 4 - Ashbrow Road



 **L1800**

 **L800**

 **No Coverage Loss**

 **Coverage Loss**

 **Coverage Gain**

