Key specifications and highlights	RSP1A	RSP1B	RSPdx	RSPduo
Continuous coverage from 1kHz to 2GHz	✓	✓	✓	✓
Up to 10MHz visible bandwidth	✓	✓	✓	✓
14-bit ADC silicon technology plus multiple high-performance input filters	✓	✓	✓	✓
Software selectable AM/FM & DAB broadcast band notch filters	✓	✓	✓	✓
4.7V Bias-T for powering external remote antenna amplifier	✓	✓	✓	✓
Powers over the USB cable with a simple type B socket	✓	✓	✓	✓
50Ω SMA antenna input(s) for 1kHz to 2GHz operation (software	1	1	2	2
Additional software selectable Hi-Z input for up to 30MHz operation				✓
Additional software selectable 50Ω BNC input for up to 200MHz operation			✓	
Additional LF/VLF filter for below 500kHz			✓	
24MHz Reference clock input (+ output on RSPduo)			✓	✓
Dual tuners enabling reception on 2 totally independent 2MHz ranges				✓
Dual tuners enabling diversity reception using SDRuno and SDRconnect				✓
Robust and strong plastic case (with internal RF shielding layer)	✓			
Rugged black painted steel case		✓	✓	✓
Improved noise performance vs RSP1A (<1,3-5, 50-60, 250-320 MHz)		✓		
Overall performance below 2MHz for MW and LF	Good	Good	Best	Good
Multiple simultaneous applications	Good	Good	Good	Best
Performance in challenging fading conditions (*using diversity tuning)	Good	Good	Good	Best*